



Nara Japan

Toward The Global Niche Tops in **Nara**

Nara's Leading Company Guide Book

Greetings

Yoshinori Okuda, Administrative Director
The Public Utility Foundation for
Nara Prefecture Regional Industrial Development

Our foundation was changed from the Nara Small and Medium Enterprise Support Center to The Public Utility Foundation for Nara Prefecture Regional Industrial Development on April 1, 2013, and marked the fourth anniversary on April 1, 2017.

Our foundation is a support organization for local industries to promote independence, growth and sustainability of small and medium enterprises by providing high-quality support and services according to local business development needs as our mission in undertaking industrial promotion in Nara Prefecture. We have set out three priority support items, “(1) to support companies in improving their management capabilities to overcome severe circumstances, (2) to support companies in improving their corporate value for creating unique strength and challenging growth markets and (3) to support companies in establishing their management foundations to stabilize business management” and have promoted various business activities.

In particular, we have supported manufacturing companies that aim to become global niche top companies and provide solutions to issues related to new business development as part of corporate value improvement support. For example, we provide companies with support including support through coordination activities to promote collaborative research with the Nara Prefecture Institute of Industrial Development, universities and other research institutes, and to promote cooperation between companies in order to resolve technical issues, consultation/support for overseas development by utilizing the “Consortium For New Export Nation Overseas Business Development Concierge in Nara” newly established with the support of the Osaka Office of the Japan External Trade Organization (“JETRO”), support for participation in exhibitions to expand local business markets in Japan and overseas, support for overseas patent application & trademark registration, and information transmission.

Recently, we issued “Toward Global Niche Tops in Nara (English version) to transmit information on products and technologies of excellent small and medium enterprises in Nara Prefecture as one of our support tools.

This brochure introduces Nara’s gleaming manufacturing companies that have begun work or plan to work on overseas development, and will be used at international exhibitions in which Nara Prefecture participates and for distribution in business to business meetings with overseas companies hosted by other organizations and the organization to support overseas development of companies (JETRO, etc.) to convey the attractive strengths of companies in Nara Prefecture.

We would like to continue to actively support more companies in Nara Prefecture so that they can develop better businesses with overseas companies.

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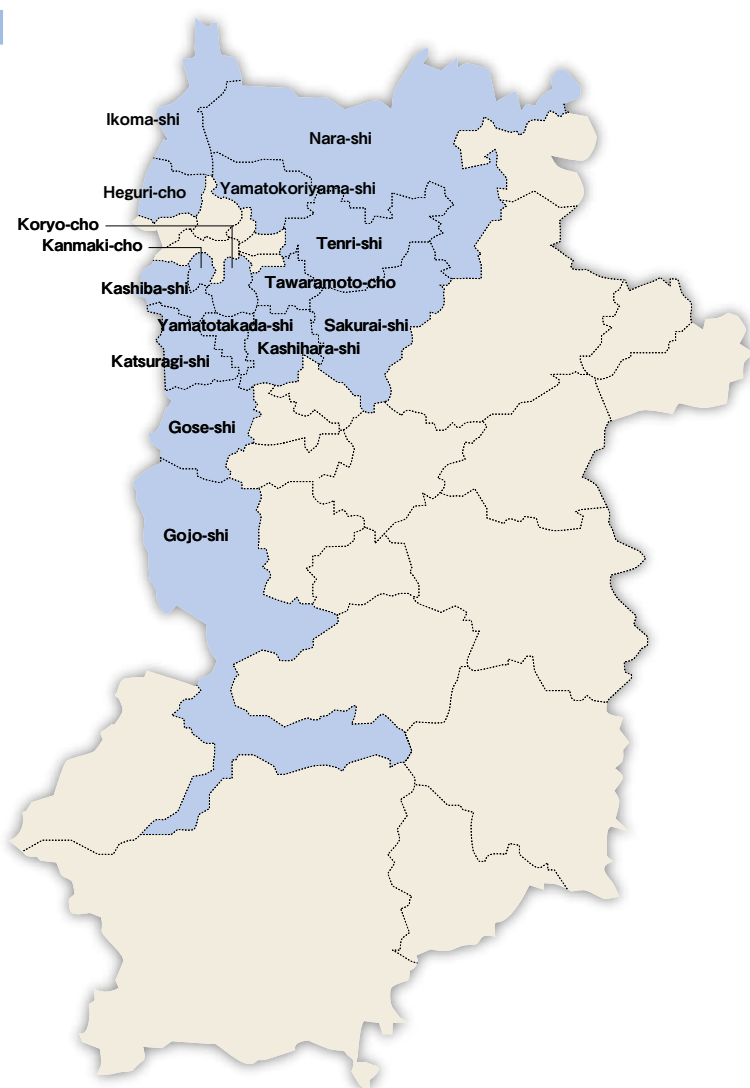
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AKASHIYA Co., Ltd.



【Business outline】	Manufacture and sales of calligraphy brushes, calligraphy ink, calligraphy tools, paint brushes, ink paint brushes, brush pens and cosmetic brushes
【Address】	78-1, Minamishin-machi, Nara-shi, Nara 630-8016, Japan
【TEL】	+81-742-33-6181
【Website】	http://www.akashiya-fude.co.jp
【Representative】	President, Yutaka Mizutani
【Founded】	1912
【Capital】	11,000,000 yen
【Number of employees】	66(23 regular employees, 43 part-timers/ temporary staff)
【Sales】	992,000,000 yen (Financial Results for Fiscal Year Ended September 2016)

Management Philosophy or Message from Representative

Preserving high quality with craftsmanship and heart

<Management philosophy>
Making brushes that enrich our lives

<Business policy>
We plan to focus on development of products for overseas tourists in Japan (inbound) and strengthen our marketing of color brush pens for overseas.
“AKASHIYA” has been engaged in the art of brush making since olden times as a brush making master

for the seven great temples of Nara in the Yamato area (currently Nara Prefecture). About 300 years have passed since the first head of the family started a brush wholesaler business. As a manufacturer that has inherited brush culture, we will continue to advance without forgetting new challenges.



Yutaka Mizutani

Technical Advantages and Features of Products

Brush pens with the feel of calligraphy brushes (writing performance)

◆ Description of technical advantages

- Inheriting traditional skills of Nara brushes for about 300 years
- Performing “hair kneading” to the tip of the brush with brush making technology the same as brush making
- Using artificial hair to realize flexible brush tips
- Use and feel close to a real brush
- Pursuing the potential of brushes not restricted to the framework of calligraphy

◆ Application of technology and function

The number of people who actually write calligraphy has been on a downward trend while the Nara brushes of Akashiya have inherited the technical craftmaking of the calligraphy brush and adapted these skills to the present day. We are committed to the use and feel of real brushes with the tips of the brushes handmade by our craftsmen. While incorporating elements as Japanese style goods, we employ ingenuity to broadly deliver the traditions of 390 years as

souvenirs and gifts for home and abroad. Similar to brush pens to write characters, the color brush pen “SAI,” focuses on elasticity of the tip of the brush, can be moistened with water at the tip of the brush and can expand the width of expression with shading and gradation. Demand for this brush pen has been on the rise not only for picture postcards and outdoor sketching but also for drawing manga and writing calligraphy overseas.

Traditional culture arranged in a modern style



Toward new fields with the high quality cosmetic brush “akashiya”



Enlarged photo of the tip of the brush



New brush pen “Koto” with a pattern of Japanese paper



Water-color painting brush “Sai” is perfectly compatible with other art tools such as waterproof pens and pencils.

◆ Characteristics and strengths

- Brush pens made by only one brush specialist among Japanese brush pen manufacturers
- Lineup expands the applications of brush pens
- Wide variety of traditional patterns in combination with Japanese paper for the shafts
- Combined with elements of Japanese goods as souvenirs
- Color brush pens are also expanding into overseas art fields



Inspection visit by diplomatic personnel from various countries

While inheriting skills of traditional brush craftsmen, we dedicatedly cast aside the conservative image of brush pens. Our lineup includes the brush pen “Koto” which incorporates Japanese paper with a traditional pattern for the shaft and proves popular as a souvenir, color brush pen “Sai” using Japanese traditional colors for the art field, “Sai, Thin LINE” with a very thin tip and the “Natural bamboo brush pen” best for gifts with name inscription.

We obtained overseas trademarks for “akashiya” and “Sai” in 2015, and we are also focusing our energies on the development of cosmetic brushes with a view toward the overseas market in the future, and propose a richer lifestyle with Nara made brushes for various applications.



“Brush kneading” is performed at the tip of each brush by craftsmen.



【Business outline】	Manufacturing and sales business of power assist device, commissioned development and consulting fully using robotic technology cultivated through development of power assist device
【Address】	Sakyo 6-5-2, Nara-shi, Nara 631-0801, Japan
【TEL】	+81-742-71-1878
【Website】	http://activelink.co.jp
【Representative】	President, Hiromichi Fujimoto
【Founded】	2003
【Capital】	472, 000,000 yen
【Number of employees】	28 (including contracted employees as of April 2017)
【Sales】	270,000,000 yen (Financial Results for Fiscal Year Ended March 2016)

Management Philosophy or Message from Representative

To realization of power barrierless society

<Management philosophy>

ATOUN considers to want to share new values which we create with people in the world through business activities and contribute to advancement of global culture. ATOUN has been aiming to creation of new businesses and prototype machines having respective individuality and synergy in cooperation with various companies since its start of business. And we will aim to realize a power barrierless

society in which anyone can work as intended with the power assist technology as desired regardless of age, and gender.



Hiromichi Fujimoto

Technical Advantages and Features of Products

Commercialization of power assist suit

◆ Description of technical advantages

- Power assist suit is a device which person wears to use.
- Development for which concepts in response to needs on site are most prioritized
- Commercialization by using general-purpose devices such as angle sensor and force sensor

◆ Application of technology and function

We are making efforts on development to aim for commercialization. For this reason, we consider concepts in response to needs for distribution and construction sites where there are heavy working loads at the start. We adopt existing devices rather than most advanced devices which are hardly put into practice to make efforts on commercialization of products which make user really feel effects in use.



POWERLOADER "NIO"
(Research material aiming to fully use in nuclear plant and disaster relief)

◆ **Features of product** Commercialization of assist suit
“ATOUN MODEL A (P/N:AWN-03B)”



<Assist mode>
Assist to bring up a load



<Hold mode>
Assist to hold upper body



<Walk mode>
Smooth walking with free assist

- Assist suit specialized in reduction of the burden of the lower back
- Reflects knowledge of working site obtained from demonstration experiment of former prototype “AWN-02”
- Seamless assist switching
- Assist force is flexibly adjusted to desired strength with an adjustment knob.

“AWN-03” which was launched in September 2015 detects posture and movement with a position sensor on waist part. As a mechanism which transmits a force, a gear follows movement of user’s waist and rotates to exert a force to push the thighs and a force to bring up the upper body from the back, and reduces load on waist. In addition, it has a seamless switch to automatically switch operation modes such as mode to assist to bring up a cargo and a mode to hold the upper body and assist to carry a cargo. User can more efficiently work without switching the mode. This is predicted to be used in fields of distribution, manufacturing, construction and civil engineering.

This passed IP55 which is a waterproof and dustproof international protection grade, and upgraded the version to AWN-03B in summer 2016.

<Product specification>

Outside dimensions	Height 77 × Width 48 × Depth 27cm
Storage dimensions	Height 60 × Width 45 × Depth 27cm
Weight	6.7 kg (excluding charge battery)
Motor	AWN-08B dedicated high torque AC motor
Charge battery	48.1V lithium ion battery
Operating time	Approx. 8 hours (according to works which we predicted)
Operating environment	0 to 40°C
Wearer predicted	Body height 155 to 185 cm, body weight 50 to 80 kg

A&S SYSTEM Co., LTD.



【Business outline】	Development, manufacturing and sales of corrosion-proof and rustproof materials, and development and sales of other construction fasteners
【Address】	3138 Anamushi, Kashiba-shi, Nara 639-0252, Japan
【TEL】	+81-745-78-3501
【Website】	http://www.assco.jp
【Representative】	President, Isamu Arai
【Founded】	2012
【Capital】	10,000,000 yen
【Number of employees】	12 (3 regular employees, 9 part timers)
【Sales】	100,000,000 yen (Financial Results for Fiscal Year Ended March 2015)

Management Philosophy or Message from Representative

Top manufacturer of anti-rust caps

<Management philosophy>

Our basic philosophy is that we are a corporate group that takes pride in proposing unique manufacturing that creates impressions and creative value.

<Business policy>

Expanding the unique corrosion-proof system of A&S SYSTEM from Nara and across Japan, and

public works around the world under a theme of “revolution in safety by the power of ions.”



Isamu Arai

Technical Advantages and Features of Products

Corrosion-proof and rustproof technologies applied with high purity zinc Corrosion-proof protection cap “Zinchat”

◆ Description of technical advantages

- Application of excellent protective function of high purity zinc and research and development of original alloys
- Development of corrosion-proof and rustproof “Zinchat” by just putting it on bolts and nuts
- “Electrolytic protective effect (sacrificial protection)” to corrode Zinchat prior to corrosion of bolts with a focus on the principles of rust
- “Corrosion-proof coating effect” to protect bolts and nuts from external environment by coating the surface of bolts and nuts
- “Inhibitor effect” prevents corrosion of products in metal gaps, etc.

◆ Application of technology and function

Because bolts and nuts used for bridges, elevated railways, noise barriers along highways, bases of photovoltaic solar panels, amusement attractions in amusement parks and structures under salt damage environments are always subject to and exposed to weather, rust occurs and corrosion progresses when exposed to condensation and acid rain. Strength of corroded fastening parts is reduced, and when external force such as an earthquake or typhoon is

applied, structures may collapse.

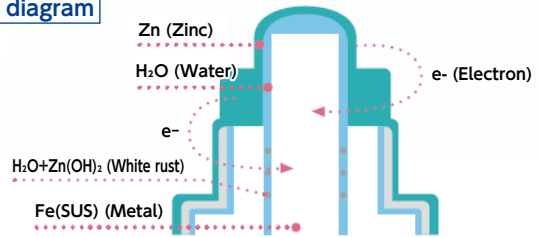
In order to solve problems of safety for all kinds of structures, we have repeatedly researched, developed and improved our original alloys, and finally realized “Zinchat.” Corrosion of fastening parts used in any industry and environment can be blocked by the power of ions by the simple work of just installing to the ends of bolts and nuts and tightening with a spanner, etc.

Bizicon Nara 2015
Awarded "Top prize" and "Prefectural
governor's award"



Zinchat ジンクハット

Schematic diagram



Electrolytic protection equation

First equation: Anode (Zn) $Zn \text{ (Zinc)} \rightarrow Zn^{2+} \text{ (Zinc ion)} + 2e^{-} \text{ (Electron)}$

Second equation: Cathode (Fe) $O^{2-} \text{ (Oxygen)} + 2H^{+}O \text{ (Water)} + 4e^{-} \text{ (Electron)}$

Corrosion-proof cup "Zinchat" has been honored with many 'awards.'

- ◇ Awarded "New business sector prize" at NEW BUSINESS AWARD 2015
- ◇ Awarded "Living-related component prize" at 2015 Cho Monodzukuri Buhin Awards
- ◇ Awarded Prefectural governor's award and top prize at Bizicon Nara 2015
- ◇ Awarded business sector special prize at the Tokyo Business Summit 2014

◆ Characteristics and strengths

- Excellent corrosion-proof function is exerted for a long time (tested).
- Effective regardless of environment and place such as at sea, on land or in soil
- Exceeds being just a bolt cap with its "brilliance"
- Cost reduction because there is no maintenance after installation
- Meets international standards and is available in Japan and overseas

"Zinchat" is the "first and only breakthrough corrosion-proof protective cap in the world" invented with, so called, "reverse thinking" where Zinchat is designed to corrode sooner than bolts with a focus on the principles of rust. We have no competitor and sell them as an exclusive product. Well prepared for similar products and false products with patent rights and our unique technical know-how.

We have sufficient capacity to supply Zinchat, and we comply with standard related to the global environment because Zinchat contains no hazardous substances. East Nippon Expressway Company Limited (NEXCO East) adopted "Zinchat" for fastening parts on noise barriers along a stretch of highway in Saitama Prefecture, and about 1600,000 parts are used.

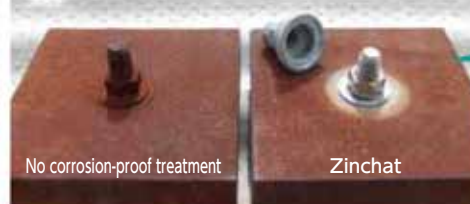
We will add our originality to corrosion-proof technology, and increase sales channels aiming to expand sales in overseas markets such as Dubai and the EU where research for rust is advanced.

Test results

Before test



After test



Performance check test for "Zinchat" under outdoor exposure

Chikumeido Sabun



【Business outline】	Manufacturing of Takayama bamboo whisks, wholesale of sado bamboo tools
【Address】	6439-3 Takayama-cho, Ikoma-shi, Nara 630-0101, Japan
【TEL】	+81-743-78-0034
【Website】	http://www.chikumeido.com
【Representative】	Representative, Masaki Kubo (Pseudonym: Sabun)
【Founded】	1940
【Number of employees】	9 (4 regular employees, 5 part timers/temporary staff)
【Sales】	100,000,000 yen (Financial Results for Fiscal Year Ended December 2014)

Management Philosophy or Message from Representative

To make “Takayama bamboo whisks” a global brand.

<Management philosophy>

We maintain a mindset of manufacturing products with an elegant appearance, usability and having a long life, and we respond to urgent manufacturing demands without rejecting any order and deliver on time.

<Business policy>

In order to improve the health of and interest in Sado (tea ceremony) broadly known once again, we are working on developing new robust products while trying to enhance the quality of traditional products. We proactively promote expansion of overseas sales.

The area of Takayama, Ikoma-shi, Nara Prefecture has been a production site for bamboo whisks for 500 years, and is still the only town of bamboo whisks in Japan. We dedicate ourselves to bamboo whisks and refine our skills by placing the 24th family head, a bamboo whisk craftsman having a long lineage, as the leader.



Masaki Kubo

Technical Advantages and Features of Products

To manufacture bamboo whisks and original tea ceremony tool sets

◆ Description of technical advantages

- A bamboo whisk is a consumable product, but finished beautifully like a piece of art
- Traditional skill to shave the tip to 3/100mm and make it as thin as possible
- Production system to undergo all processes by hands of skilled craftsman
- Development of original products to which the application of bamboo whisks is expanded
- By expanding the entrance, we look to pass on tea ceremony skills and spirit in manufacturing bamboo whisks.

◆ Application of technology and function

The bamboo whisk is one tool to be used in performing tea ceremony. It is essential that good bamboo whisks are easy to use, durable and elegant. To make excellent bamboo whisks, experience accumulated over many years and “making bamboo whisks considering the mind of the user” are important.

Pour hot water into a bowl in which green tea powder is put and mix it uniformly using a bamboo

whisk. Bubbles are made by mixing. We developed a bamboo muddler “Black bamboo long shaft whisk muddler” of which the shaft is as long as possible so that it can be applied to cappuccino style coffee, milk tea and cocoa, etc. We will create opportunities to allow as many people as possible to familiarize themselves with tea ceremony including people from overseas and try to pass on skills and the spirit of making bamboo whisks from a traditional industry.



①Thinning down ② Fine splitting ③ Thinning and stroking ④ Chamfering ⑤ Lower braiding ⑥ Upper braid
⑦ Alignment ⑧ Finishing

Process of making a bamboo whisk



Urasenke Shinkazuho made by Sabun



"Mug muddler de Ocha" awarded at the "Kansai Monozukuri Shinsen 2015"



"Kanzarashi" drying bamboo for whisks

◆ Characteristics and strengths

- All of about 120 types of bamboo whisks can be manufactured
- "Black bamboo long shaft whisk muddler" is our own technology
- We can respond to urgent orders (at present, 9 craftsmen in the company, and about 50 exclusive craftsmen)
- We have developed many original products according to changes in lifestyles.
- Shinkazuho bamboo whisk is a designated product by the Tokyo Metropolitan Government.

Bamboo whisks are classified by type of bamboo, shape of tip, number of tips, thickness of bamboo, length of bamboo, and color of string, and there are about 120 types in total. Manufactures which can make all kinds of bamboo whisks are rare. In order to improve the health of and interest in Sado (tea ceremony) broadly known again, we have developed many original products according to changes in lifestyles such as "Mug muddler de Ocha," Mini-tea ceremony set "Ochagokoro."

We also proactively participate in exhibitions in other countries, and make efforts to familiarize people with tea ceremony culture by carrying out demonstrations on the making process as well as serving tea.



"New York Gift Show 2015"

DIA PHARMACEUTICAL CO., LTD.



【Business outline】	Manufacture and sales of pharmaceutical products, quasi drugs, cosmetics, medical devices, medical equipment, hygiene products, etc.
【Address】	515 Jobonji-cho, Kashihara-shi, Nara 634-0803, Japan
【TEL】	+81-744-21-5577
【Website】	http://www.dia-pharma.com
【Representative】	Chairman, Shinji Morikane
【Founded】	1975
【Capital】	66,000,000 yen
【Number of employees】	204 (98 regular employees, 106 part timers/ temporary staff)
【Sales】	2,836 ,000,000 yen (Fiscal year as of September, 2014)

Management Philosophy and Message from Representative

To create new markets with bold ideas and the ability to act.

<Management philosophy>

We aim to create a global company under a spirit and motto "From Nara, home of medicines to the world." With our founding spirit of "Create what does not exist," we fully utilize excellent adhesive skin patch technology with bold ideas and an ability to act, offer high quality and useful pharmaceutical products, quasi drugs, cosmetics and medical equipment needed by people, and contribute to "health and beauty" of people all over the world.

<Business policy>

1. Fulfilment of production system ... We respond

to each customer's quality needs, delivery times and pricing by producing superior quality products at low cost and an established production plan.

2. Creation of a system that allows us to plan products with proposal capabilities ... We continue to make improvements in the functions of the organization, and re-establish planning / proposal capabilities.



Shinji Morikane

Advantages and Features of our Technology and Products

From OEM to our own brand!
Our development capability of Adhesive Skin Patches / Transdermal Absorption Skin Patches, "SOL in GEL Technology (water-soluble polymer technology)"

◆ Description of technical advantages

- Technology to combine gel agents that have excellent heat resistance and shape retainability and sol agents that have excellent drug releasing characteristics with good balance

= Technology of base element to hold a SOL containing API (drug) in a "gel mesh lattice structure"

- Employed for "Thermal cooling gel sheet" and "adhesive face pack"

◆ Application and function of the technology

"SOL in GEL technology" means "water-soluble polymer technology," which makes it possible to administer various active ingredients (drug) with a controlled amount of skin penetration and deliver safely to the human body. By this technology, we have achieved adhesive skin patches for both general and topical applications. Nowadays, not only in the field of pharmaceutical products, our technology is expanding to the fields of cosmetics and healthcare

products, and creating large markets.

As a representative product, our "Cooling Gel Sheet" which can be used instead of an ice pack during a fever is well-known, and this product is very popular not only in Japan, but all over the world. In addition, the "SOL in GEL technology" is used for anti-inflammatory / pain relief patches in pharmaceutical products, and face masks in cosmetic products.



“Transdermal absorption patches” by development technology of DIA PHARMACEUTICAL CO., LTD.



“Adhesive cosmetics” have been creating new markets



“Cooling Gel Sheets” have been well-received all over the world developed by DIA



Line-up of OTC products of DIA PHARMACEUTICAL

◆ Characteristics and strengths

- The “SOL in GEL technology” can be applied to transdermal absorption skin patches.
- Developed the world’s first “Cooling Gel Sheet” as a healthcare product (40% of the market share in Japan)
- High level of safety. Absence from “skin irritation” which had been a negative point of skin patches.
- Firmly adhere to skin to exert high effect
- High performance with 2 to 3 times as much skin penetration as similar commercial products.

We promote integrated production on the basis of “SOL in GEL technology” in cooperation with Planning and Development, R&D, Production, and Sales departments.

As manufacturing facilities, we have 4 production lines for Cooling Gel Sheet products, 2 lines for cosmetics such as Nose pore strips, 1 line for pharmaceutical skin patches, 2 die-cutting lines for each eye zone patch and face masks.

Adopting CSR (corporate social responsibility) as our corporate strategy, we are preparing for the development of ethical drugs by recruiting staff and setting up an intellectual property department. In 2013, we established a joint venture company in China in cooperation with a pharmaceutical company in Taiwan. As the new manufacturing hub for Cooling Gel Sheet products, we will continue to develop overseas markets.



GMP standard Hyogo plant, in consideration of environmental conservation



Joint venture company in China established in 2013

Iidzka Seisakusho Co., Ltd.



【Business outline】	Development, manufacture and sales of cold forged components (manufacturing of cold forged components for automobiles, components for seat belt, components for power steering, etc.)
【Address】	493 Nenarigaki, Yamatotakada-shi, Nara 635-0051, Japan
【TEL】	+81-745-22-3515
【Website】	http://www.iidzka.co.jp
【Representative】	President, Yasushi Iizuka
【Founded】	1992
【Capital】	20,000,000 yen
【Number of employees】	190
【Sales】	3,800,000,000 yen (Financial Results for Fiscal Year Ended July 2016)

Management Philosophy Message from Representative

A future growing with intellect and technology

<Management philosophy>

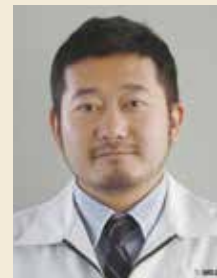
1. Fulfilling our customer's trust.
2. Setting higher standards.
3. Fostering originality.
4. Building our company based on mutual trust.
5. Making our company a place where everybody takes pride in working.

<Business policy>

We fully utilize the technology of cold forging, increase our product lineup of components, mainly automotive components for global growth industries, not only for Japanese manufacturing

industries but also for overseas manufacturing industries, and expand our market share.

We always use ingenuity from new perspectives and continuously challenge to promote development of technology based on our own accumulated technology and know-how which we have cultivated over many years.



Yasushi Iizuka

Technical Advantages and Features of Products

High precision and high strength cold forging technology

◆ Description of technical advantages

- High precision cold forging technology with an accuracy of 20 μ m or less
- Stainless steel products can also be cold forged
- High strength is maintained by our own clamping method (patented)
- Cold forged components for automobiles are mainly developed

◆ Application of technology and function

We make products in complicated shapes with the precision of micron units by cold forging technology accumulated through experience and actual achievement. In particular, we have established cold forging technology for stainless steel products which were difficult to achieve with cold forging which requires a large force for molding.

At the same time, we have developed our own manufacturing method of cold forging without

welding while maintaining high strength by a patented clamping method.

Cold forged products manufactured by us are adopted mainly for important safety-related components of automobiles such as gears for seat belts, air bag components, power steering yokes and brakes.

*Cold forging: Forging performed at normal temperatures without heating is called cold forging in comparison with hot forging which heats metallic materials for machining.



Components for seat belts



Components for air bags



Components for steering

◆ Characteristics and strengths

- Manufacturing of components for automobiles with high precision, high quality, low cost and short lead times and holding a large market share in Japan and overseas
- Design and manufacturing at low cost by high precision cold forging technology.
Example: Cold forging for stainless steel in different shapes has been realized at low cost (about 1/5 of conventional machining)
- Short lead times by a consistent manufacturing system from manufacturing technology, mold design and production to forging and machining. Example: Lead times for gears of automobile seat belts have been reduced to 3 months from 6 months as opposed to conventional machining.

In order to maintain required high quality, we carry out thorough quality control in all processes from reception of materials to production, packing and distribution, and we have obtained both ISO9001 and ISO/TS16949 certifications.

As a result of efforts made in the manufacturing of high quality and cost-competitive products, we have gained market share exceeding 20% in Japan for seat belt retractors distributed in Japan.

In addition, while utilizing “① our own technological development capability and development mindset, ② human resources development policy and organization system, ③ ability of response to customers, ④ management system within the company, and ⑤ visible network” which are our intellectual

assets, we strengthen differentiation from other companies. We aim to further expand and improve highly value-added products with a view to overseas markets through “selection and concentration,” and we look to expand and improve our Kagoshima Plant and our Chinese joint venture company.



Cold forging production facility in Hari Plant

Ishii-Bussan, Inc.



【Business outline】	Production and sale of ingredients for pickles, processed persimmon products and kuzumochi (kudzu starch cakes), etc.
【Address】	458 Yatsukawa, Nishiyoshino-cho, Gojo-shi, Nara 638-0657, Japan
【TEL】	+81-747-34-0518
【Website】	http://www.a-kaki.com
【Representative】	President, Mitsuhiro Ishii
【Founded】	1984
【Capital】	20,000,000 yen
【Number of employees】	33 (7 regular employees, 26 part-timers/ temporary staff)
【Sales】	260,000,000 yen (Financial Results for Fiscal Year Ended February 2015)

Management Philosophy or Message from Representative

Effectively utilize persimmons of Yoshino to revitalize the town!

<Management philosophy>

Aiming to create specialty products and be a company important to the local community.

<Business policy>

We aim to enrich society by applying science in the production of persimmon products and making the persimmon a special fruit.

We started processing persimmons in 1981 under the slogan of “utilize persimmons which cannot

be put onto the market” and “advertise the production site by introducing processed persimmons of Yoshino in Nara throughout the year.” We think that it is important to enhance the value of persimmons as a fruit under circumstances in which the popularity of persimmons has been falling.



Mitsuhiro Ishii

Technical Advantages and Features of Products

Product production technology specializing in persimmons

◆ Description of technical advantages

- Development of original products using “persimmons” which is a specialty of Nishiyoshino in Nara
- 300 tons of persimmons are processed and commercialized annually
- Picked persimmons for thinning and out-of-standard persimmons are also made into products by processing technology imparting added value
- Not only the fruit but also hulls, seeds and skins are effectively used

◆ Application of technology and function

We process not only the easy to process hard persimmons, but also all persimmons from thinned-out premature persimmons to completely mature soft persimmons, processing of persimmons is performed according to each of the persimmons. Persimmons which were previously thrown away because of nonstandard shapes are also value-added by processing, and become products which convey deliciousness of persimmons locally grown in Yoshino.

Recently, research related to not only the fruit of persimmons but also hulls, seeds and skins is being conducted, and among research projects, advanced research is conducted for extraction of polyphenol. Thinned-out persimmons are effectively utilized by using “Nara persimmon tannin” (developed by the Nara Prefecture Agriculture Research and Development Center, patented) to extract persimmon tannin in about 10 days, which is normally extracted after fermentation of 3 to 4 years.

Many awards have been bestowed for the effective use of persimmons



Business souvenir selection 2015
Special prize "Kyoshunokaki (18 pieces)"



Narano-Umaimono
Awarded first certified premium product



Awarded Nara prize for the Japan gift awards 2015
"Kakikori"



"Kyoshunokaki" (dried persimmon stuffed with chestnut paste) which was certified as a selected "Ultimate Souvenir to Make Available to the World" product sponsored by the Japan Tourism Agency in 2014



Kakikaki (persimmon cake)



Kakikori (cold persimmon sweets)

◆ Characteristics and strengths

- Development ability with "sincerity, enthusiasm and creativity"
- Cooperation with local producer
- Only one "persimmon specialized store" in Japan
- Processing and commercialization of raw persimmons (Normally, dried persimmons are frequently used)
- Research and extraction, and commercialization of "persimmon polyphenol" through industrial-academic-government cooperation.

Like persimmon seeds made by usual production methods, ample amounts of polyphenols are contained in persimmon tannin without being fermented, which means no odor, and makes it perfect for food processing. This is expected to become an important material for products that can respond to recent health trends and eco-friendly trends. Further, we aim to revitalize the local area that produces persimmons by utilizing persimmons that were previously thrown away as a source of profit.

As future strategies for growth, we have been primarily advancing development of ① products that can replace conventional sugars with substitutes from completely ripened persimmons, ② persimmon paste with clear color by low-temperature production method, ③ functional foods containing persimmon tannin, and ④ products using persimmon leaves, etc.



Nara persimmon tannin

Products researched and developed through industrial-academic-government cooperation

Iwasaki Industry Inc.



【Business outline】	Manufacturing and sales of plastic household commodities, gardening equipment and synthetic resin products for automobiles
【Address】	1216-5 Nukatabe Kita-machi, Yamatokoriyama-shi, Nara 639-1037, Japan
【TEL】	+81-743-56-1311
【Website】	http://www.lustroware.co.jp
【Representative】	President, Yoshihiro Iwasaki
【Founded】	1957
【Capital】	490,000,000 yen
【Number of employees】	120 (61 regular employees, 59 part-timers/ temporary staff)
【Sales】	2,506,000,000 yen (Financial Results for Fiscal Year Ended March 2015)

Management Philosophy or Message from Representative

Independent attitude incorporated in the corporate motto “I will”

- ① Always transforming ourselves by thoroughly eliminating indifference and irresponsibility, thinking on our own and acting and becoming a member of a company that practices healthy management.
- ② Properly capturing changes in the times to concentrate, fully use and expand management resources by working in harmony in order to generate synergistic effects.
- ③ Challenging procurement and operation of minimum optimum resources based on strong cooperation among strong individuals, and promoting enhancement of the company's total capacity.
- ④ Offering satisfactory services and new lifestyles to customers by improving corporate value, promoting returns to shareholders and society and protection of the global environment, and aiming for permanent growth of the company.



Yoshihiro Iwasaki

Technical Advantages and Features of Products

Integrated production of cold water bottles by injection-stretch blow molding machine

◆ Description of technical advantages

The following four items have been realized by integrated production of cold water bottles using a method of injection and blow molding as a type of production.

- Cost reduction by stabilization of quality and thinning (suppression of residual stress)
- Increase in productivity (“hot parison method” is employed)
- Ensuring safety of workers (manual processes are automated)
- Energy saving (reduction of processes, thinning by blow molding)

◆ Application of technology and function

We have succeeded in applying and developing use application of “injection-stretch blow molding machine,” conventionally developed and sold for mass-production of plastic bottles, as molding technology for cylindrical body portions for cold water bottles. Although the technology was applied to only two types among all ten types three years ago, we have increased the number up to seven types among fifteen types (component ratio of items increased to 47% from 20%).

And, at the same time, the integrated production of the cold water bottle by the injection-stretch blow molding machine can make ① cold water bottles which can be placed horizontally or vertically, and ② cold water bottles which can be washed by inserting a hand to the bottom through a wide mouth, and it is also a production method suitable for increasing convenience for consumers, and further, it is suitable for production of “low cost and high quality cold water bottles.”

Aiming to be a “Global one” company at a world level. Determination of IWASAKI to continuously make products demanded by people



Lustroware is a brand loved throughout the world.



Product lines having designability and usability together

From freezing and storage to cooking by microwave A magical item helping to get things done quickly

Carefully selected polypropylene is especially excellent in heat resistance. The hinge part is also resistant to freezing, and it can be used under low temperatures of from -20°C to 140°C, and in freezers and microwaves, as well as in dishwashers and dryers. This is a new type of food container to help in quickly preparing, thawing, cooking by microwave and cleaning up.



◆ Characteristics and strengths

- Preform through molding can be integrally-produced by the same equipment
- Harmful effects by residual stress are extremely low in comparison with injection molding
- Molded products can be thinned and light-weighted
- Best for molding of products for enhancement of convenience
- Suitable for molding of products with wide mouths

We always carry out planning, marketing, development, manufacturing and sales within our company consistently, and the ability to “map out plans on a blank piece of paper” is our greatest advantage. And we conduct product production that never loses in sales on the world market.

Mainly, we manufacture and sell plastic household commodities of our brand “Lustroware.” We have obtained many domestic and overseas patents and we proactively promote an intellectual property strategy. Based on production in which we thoroughly consider the user, we plan development of products that will enhance today’s trends and personalization.



Blow molding machine performing integrated production by the hot parison method

KAWATATEC CORP.



【Business outline】	Manufacturing of large-sized chuck and machine tool accessories
【Address】	48-1 Hashimoto, Sakurai-shi, Nara 633-0047, Japan
【TEL】	+81-744-45-0360
【Website】	http://www.kawatatec.co.jp
【Representative】	President, Masahiro Kawata
【Founded】	1933
【Capital】	38,000,000 yen
【Number of employees】	47 (44 regular employees, 3 part-timers/ temporary staff)
【Sales】	1,080,000,000 yen (Financial Results for Fiscal Year Ended August 2014)

Management Philosophy or Message from Representative

Hold firmly, hold trust, and hold the future

<Management philosophy>
Contribution to society through our products

<Business policy>
We contribute to the manufacturing industries of our customers by manufacturing and selling large-sized chucks as our core, as well as accessories used for machine tools.

We have been accumulating unique technologies and manufacturing know-how by specializing in

large-sized chucks.
In the future, we seek to improve our technologies such as “servo technology” and “technology supporting machining of thin cylinders” under development using the “Nara prefecture high added value acquisition support subsidy” to expand our customer base.



Masahiro Kawata

Technical Advantages and Features of Products

Design and manufacturing technology of large-sized chucks for machine tools

◆ Description of technical advantages

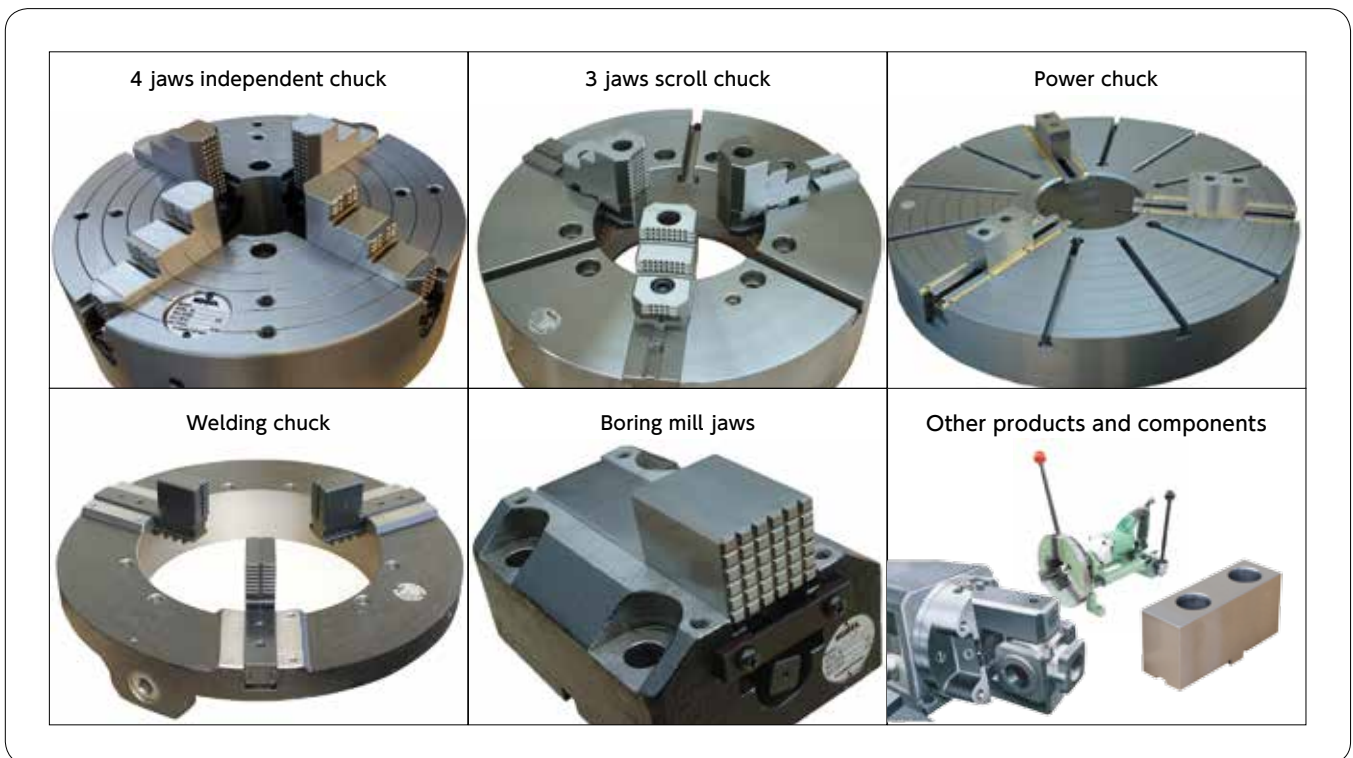
- Design and manufacturing technology of large-sized chucks suitable for workpieces and machining conditions
- Outer diameter sizes of about $\phi 500\text{mm}$ to a maximum of $\phi 3500\text{mm}$ can be manufactured
- Designs that meet customer requests such as positioning accuracy (about 10 micrometer), workpiece holding force, workpiece weight

◆ Application of technology and function

Chucks are used for machine tools such as lathes and milling machines to provide swing motions for machining, and are mechanism components to hold workpieces to be machined. In the manufacturing industry to machine large components, large-sized chucks are used for positioning and fixing with high accuracy for large components. With the trend toward even faster machining, chucks are critical to

enhancing basic performance such as maintaining accuracy, high grip force, durability and operability and to ensure safety.

As main industries where large-sized chucks are used, these include the construction machine industry, aircraft industry, heavy electric machinery industry, shipbuilding industry, oil drilling equipment industry and wind power generation industry.



Lineup of special and large-sized chucks, our strength

◆ Characteristics and strengths

- We are the only manufacturer that specializes in large-sized chucks of $\phi 500\text{mm}$ or more in Japan
- We have technology to quickly design according to customer request and deliver chucks that satisfy performance, cost and quality requirements at short delivery times.
- There are some overseas companies (in Taiwan, Korea, etc.) that produce large-sized chucks, however, many of these companies produce standard design products and our custom designs offer competitive advantages.

Our company is the only company that specializes in large-sized chucks in Japan, and other companies in the same industry mainly manufacture chucks of up to about $\phi 600\text{mm}$. We specialize in large-sized chucks that clearly offer advantages, and all large machine tool (large lathes) manufacturers in Japan employ our products. In addition, because large-sized chucks are in a small market, there is a small number of mass-produced products while there are many made-to-order products that support customer workpieces. In this regard, technology supported by years of experience specializing in large-sized chucks has earned significant trust from customers. Our technology is highly responsive to customer needs.



$\phi 3500\text{mm}$ bearing machining palette

Kimioka Ironworks K.K.



【Business outline】	Manufacture and sales of steel piles “Kuimaru”
【Address】	780 Iu-cho, Nara-shi, Nara 632-0245, Japan
【TEL】	+81-743-82-0666
【Website】	http://www.kuimaru.com
【Representative】	President, Seiji Kimioka
【Founded】	1973
【Capital】	10,000,000 yen
【Number of employees】	23 (22 regular employees, 1 part-timer/temporary staff)
【Sales】	969,000,000 yen (Financial Results for Fiscal Year Ended November 2014)

Management Philosophy or Message from Representative

Better future with “Kuimaru”

<Management philosophy>

Creating a safe and secure society and realizing happiness for all stakeholders.

<Business policy>

We deliver products with reliable quality meeting demands of customers and contribute to environment conservation activities through “Kuimaru” excellent in reuse, reduce and recycle.

We take interest in the fact that a really simple tool

“to secure something to ground” has been frequently used in a variety of wonderful ways since Kuimaru began its business operations 20 years ago. We will continuously make efforts to fulfil our responsibility as a specialized maker while looking forward to offering services to customers through Kuimaru.



Seiji Kimioka

Technical Advantages and Features of Products

“Kuimaru”

◆ Description of technical advantages

- Disk-shaped plate is circumferentially welded to the head (reuse, high corrosion-proof performance, prevention of burrs)
- Difficult to break and difficult to bend, unique spinning (space saving, high durability)
- A galvanized steel pipe is used for the steel pipe section (excellent in high corrosion-proof performance and cost-effectiveness)
- Pointed steel material is circumferentially welded to the apex section (increase in drawing strength, increase in workability)
- Customizable with 7 different thicknesses and coatings on the head, etc.

◆ Application of technology and function

“Kuimaru” (pile) is a basic material, and can be used in a variety of situations such as at construction sites and at homes. Examples of use include foundations for solar power generation (installed on the ground), alignment marker for Tokaido Shinkansen, the approach to Meiji Jingu and fall prevention fences on Mt. Fuji trail etc. And a total of 6,000,000 piles have been shipped during the 20 years since its launch.

The most significant feature is its pull-out strength, which is 2.5 times that of scaffolding pipes (jointly tested with Kansai University). Many piles generate bearing force by circumferential friction force between the ground and the pile. On the other hand, because “Kuimaru” has an apex section in its cone shape, it enters underground without disturbing the ground while pushing soil and increasing density, and exerting exerts high bearing force.

Can be piled into asphalt! “Kuimaru” is the best steel pipe pile that is also excellent in cost performance!



“Kuimaru” with its unique structure solves problems of scaffolding pipes at once!

“Kuimaru” utilized in various fields



Railway



Comparison of construction state between scaffolding pipes and “Kuimaru”



Solar power generation

Agriculture

◆ Characteristics and strengths

- Pull-out and push-in strength 2.5 times that of scaffolding pipes
- Excellent in durability and durable enough for repeated use
- Excellent in construction performance and expected to reduce cost by increased workability
- Effective in 4R (Reuse, Recycle, Reduce, Refuse) to have high environmental performance
- Used in a wide variety of construction sites from the Shinkansen to Mt. Fuji trails (6,000,000 piles have been shipped in total)

With conventional scaffolding pipes, heads typically broke when they were piled and there were problems in safety, durability and appearance. “Kuimaru” can be used repeatedly (Reuse), offers high value as a steel making material, and is advantageous in recycling (Recycle). When “Kuimaru” is used as a pile, waste can be reduced in comparison with disposable scaffolding pipe (Reduce). In addition, iron and required minimum cold galvanized coating material are used for the

product. Packing has been minimized while focusing the utmost attention on safety and usability to eliminate waste from the generation source (Refuse). In March 2016, our new factory was completed in Utsunomiya-shi, Tochigi. We are expanding our market to Europe and Asia, and we will establish a mass-production system, and respond to customer demand not only in Japan but also overseas.

Naniwa Rubber Co., Ltd.



【Business outline】	Manufacturing and sales of medical rubber products, plastic medical equipment, in-house brand products and industrial rubber products
【Address】	2-6-1 Soone, Yamatotakada-shi, Nara 635-0055, Japan
【TEL】	+81-745-52-5681
【Website】	http://www.naniwa-rubber.co.jp
【Representative】	President, Isao Oshima
【Founded】	1919
【Capital】	45,000,000 yen
【Number of employees】	200 (105 regular employees, 95 part timers/ temporary staff)
【Sales】	1,970,000,000 yen

Management Philosophy or Message from Representative

To respond to advanced medical care with well-established technologies

<Management philosophy>

- We always offer excellent products to society from the standpoint of users
- We promote truly cooperative system between employees and employer through work.

<Business policy>

- We deliver optimum products by optimum methods at the optimum time.
- We search for needs from a global perspective in Japan and overseas.

We will expand and fulfil our product lineup further in the medical care field by utilizing technologies and know-how passed on since our foundation. Medical components and medical equipment fall into a specialized field where development requires a long incubation period, however, we will always consider manufacturing products which can contribute to people and society.



Isao Oshima

Technical Advantages and Features of Products

Complete manufacturing of rubber parts and products and plastic medical equipment for the medical care field under a controlled environment

◆ Description of technical advantages

- Innovation of plant to carry out production and quality control in compliance with GMP
- Research on polymer materials best for medical drugs and medical equipment
- Development of blending and introduction of advanced production technology
- Quality control to ensure safety of products
- All steps from consideration of raw material blending and design of medical equipment to final products are performed in our company

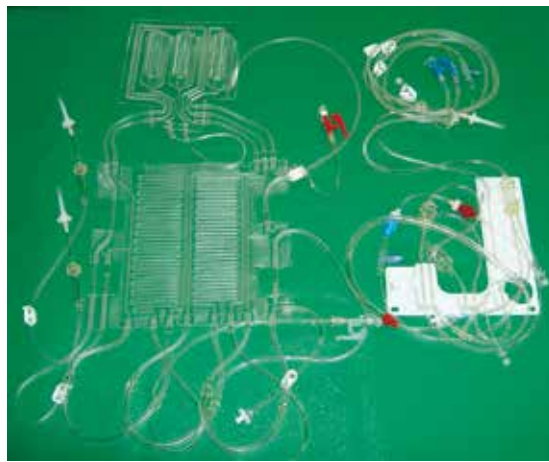
◆ Application of technology and function

We stably supply high quality and highly safe products by performing all steps under a controlled environment in our company.

As medical care rubber products, we deliver wrapping materials for various medical drugs to major pharmaceutical manufacturers. In addition, we manufacture “laminated rubber plugs” and “plug bodies for soft bags” combining rubber plug manufacturing know-how and plastic molding technology which we

have cultivated for many years.

Plastic medical equipment includes products such as blood circuits for separation of plasma, blood circuits for versatile blood purification and multiple-lumen catheters which support modern medical care. We completely perform all steps from design to processing such as extrusion tube molding, T-die molding, and injection molding, high frequency welding, assembling, packing and sterilization work.



Cartridge type plastic blood circuits for blood purification



Rubber water pillows of our own brand "Only One"



Plastic medical care equipment products

◆ Characteristics and strengths

- Manufacturing rubber water pillows and hot-water bags for the first time in Japan ("Only One" registered trademark)
- Utilizing rubber production technology and plastic molding technology which we cultivated for many years during our 110 years since our foundation
- Integrated production in our dedicated plant which satisfied a high standard
- Manufacturing of products in small quantity and large variety is possible (we can capture demand in special applications and commercialize products)
- Developed the "Cartridge type plastic blood circuit for blood purification" for the first time in the world

We offer highly safe products which are completely manufactured in our dedicated plant for clean medical equipment and that have passed strict shipping inspections. With thorough control systems based on ISO 1385 and 9001, and with an attitude assuming all responsibility from product development to follow-up, we have established our own market position.

In particular, even though it was necessary to install complicated tubes at traditional medical care sites, the "Cartridge type plastic blood circuit for blood purification" integrated these operations so as to contribute to people and society by preventing blood leakage and reducing fitting times, etc., to avoid the risk of medical errors.



Clean room in medical rubber products manufacturing plant

Nara Seiko Inc.



【Business outline】	Manufacturing of products including medical equipment, optical equipment, OA equipment and conveyor machine and equipment, and their components
【Address】	3681 Obu, Sakurai-shi, Nara 633-0101, Japan
【TEL】	+81-744-48-8511
【Website】	http://www.nara-seiko.co.jp
【Representative】	President, Hiroo Nakagawa
【Founded】	1968
【Capital】	30,000,000 yen
【Number of employees】	47 (37 regular employees, 10 part timers/ temporary staff)
【Sales】	450,000,000 yen (Financial Results for Fiscal Year Ended August 2014)

Management Philosophy or Message from Representative

To make the future “now” through high level manufacturing

<Management philosophy>

1. We realize both physical and spiritual happiness of all employees and contribute to the advancement and development of society.
 2. We always work energetically, positively and creatively for stable growth of the company.
 3. We sincerely perform work with dreams, desires, a thoughtful mind and courage.
- ‘Nara Seiko’ will respond to problems and troubles by first reasoning whether “is there something helpful that exists…” and “I wonder whether

this problem can be solved?” by precision machining. Our machining technology, QC system, rich experience and ability to respond allow us to take on any materials and shapes. We create an ideal “future” which customers desire with high manufacturing.



Hiroo Nakagawa

Technical Advantages and Features of Products

Double guide type tendon sheath incision instrument

◆ Description of technical advantages

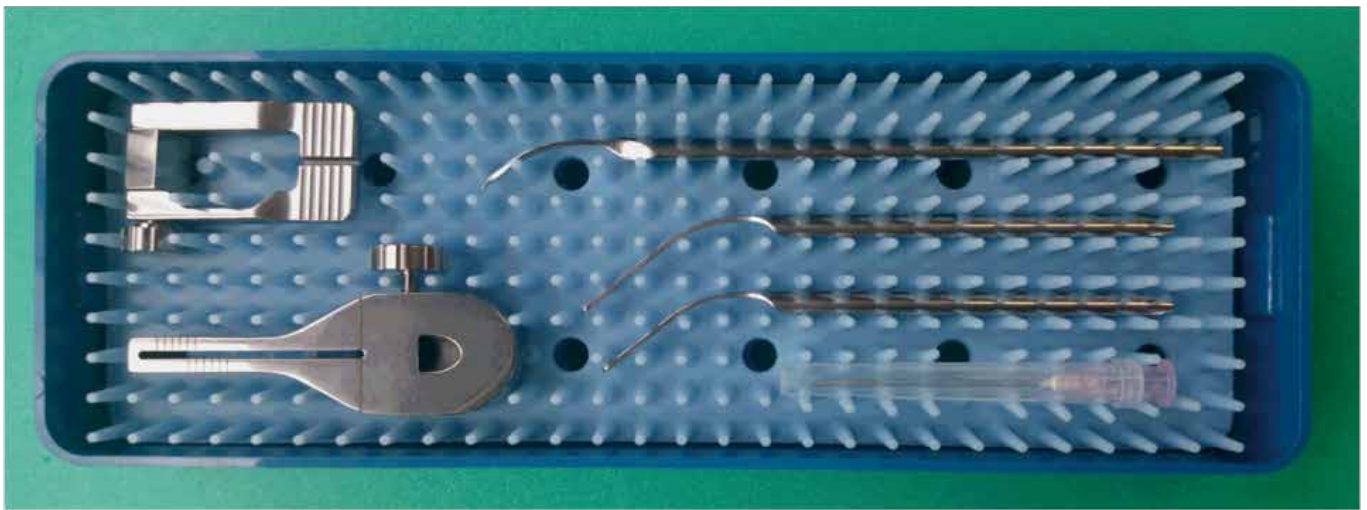
- Medical equipment developed using “development technology that is minimally invasive and shortens the healing period”
- Developed as a surgical instrument for stenosing tenosynovitis (snapping finger/ trigger finger)
- Correct and safe surgery for stenosing tenosynovitis (snapping finger/trigger finger)
- Succeeded in minimizing the incision area and shortening the healing period
- Jointly developed with Nara Medical University

◆ Application of technology and function

Snapping finger is a deteriorated condition of tenosynovitis of the fingers, and is treated by surgery that makes an incision in part of the finger’s tendon sheath. The surgical method using the “double guide type tendon sheath incision instrument” identifies the tendon sheath portion of the snapping finger using ultrasonic diagnosis equipment, and the incised section becomes a small range of about 2mm, and heals in a few days after surgery. Furthermore, the

sheath guide is fixed in the tendon sheath, so that the tendon parenchyma and neurovascular bundle can be reliably protected.

We manufacture medical equipment such as dental implants and artificial joints which require high technical accuracy and risk control in addition to the above, and we have realized development of the products through experience and know-how.



Double guide type tendon sheath incision instrument

◆ Characteristics and strengths

- It is possible to receive a tendon sheath portion, and reliably incise the required section
- Incision is about 2mm in surgery and suturing is not required
- General housework such as kitchen work can be performed in a few days after surgery
- There is no other medical device which has equal performance to that of the “double guide type tendon sheath incision instrument.”

As an instrument used at the time of surgery for snapping finger, there is an incision instrument using a hook-type knife with an endoscope overseas. Surgery can be performed with this instrument with an incision of about 2mm, however, surgery is performed only by confirming part of the tendon sheath on the snapping finger, and a part not related to the surgery may be damaged.

On the other hand, this surgery using ultrasonic diagnosis equipment can confirm the entire tendon sheath.

In addition, conventional open type surgery required a long range incision of 20mm, and the healing period required about 10 days in most cases. Now, there are currently many surgeons performing surgery without using the instrument. Therefore, it is expected that they will introduce this surgery.

	Skin incision size	Number of days until gauze can be removed
Surgery under direct vision	1.5 ~ 2 cm	About 10 days
This surgery	2 mm	About 3 days (no suture)



Minimally invasive surgery for snapping fingers using “double guide type tendon sheath incision instrument” (Image)

Nanto Seed Co., Ltd.



“CLARICE” groundling green flesh net melon resistant to all types of Panama disease 0, 1, 2

【Business outline】	Production and wholesale of agricultural seeds
【Address】	2-6-4 Minamiyagi-cho, Kashihara-shi, Nara 634-0077, Japan
【TEL】	+81-744-22-3351
【Website】	http://www.nanto-seed.com
【Representative】	President, Tetsuya Morii
【Founded】	1947
【Capital】	20,000,000 yen
【Number of employees】	58 (58 regular employees)
【Sales】	1,200,000,000 yen (Financial Results for Fiscal Year Ended May 2015)

Management Philosophy or Message from Representative

Aiming for development of a new breed full of dreams

<Management philosophy>

All for Japanese agriculture, and all for dining tables in Japan.

<Business policy>

We utilize new breed development technologies accumulated to offer safe, secure and high quality seeds and contribute to the advancement of agriculture in Japan.

We think it is important that each employee takes

pride as a seed professional and maintains a spirit of challenge and change. All employees aim to develop breeds that will create future demand, and breeds that will encourage reproduction by commercial farmers and make little children smile full of dreams and keep us active.



Tetsuya Morii

Technical Advantages and Features of Products

New breed development technology using DNA marker

◆ Description of technical advantages

- DNA is extracted from tissues such as leaves before regular planting
- Amplified DNA is analyzed by electrophoresis method
- Characteristics such as presence/absence of resistance to disease damage are judged at the seedling stage
- Development period of new breed is shortened
- Test farmland can be used effectively

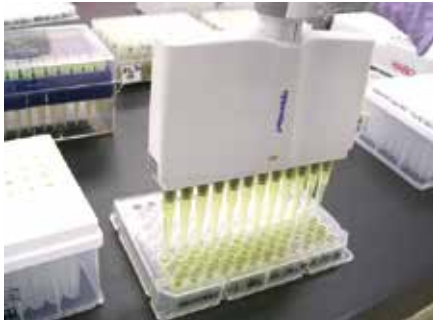
◆ Application of technology and function

Agricultural products are normally cultivated on farmland on a trial basis and their characteristics are judged, however, use of a DNA marker allows presence/absence of disease resistant genes of melons and bell peppers, etc., to be judged at the seedling stage. Accordingly, not only can characteristics be judged at an early stage in comparison to the conventional method, but also a period of growth until characteristics emerge is unnecessary, and labor efficiency can also be realized. Farmland which was required to be

fertile land can be effectively used because trial cultivation becomes unnecessary.

In our company, the sales department and production site development department in addition to the research and development department collect needs from farm producers and consumers, and determination of directionality of breeding through new breed development, and feedback to farm producers and consumers can be performed more speedily by introducing this technology.

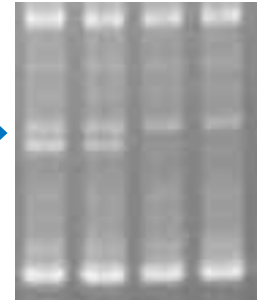
■ Flow of DNA marker



Preparation of samples from leaves



DNA amplification (PCR method)



Amplified DNA is analyzed by electrophoresis method

◆ Characteristics and strengths

- Having a large number of genetic resources we have accumulated over many years
- Acquired screening technology by DNA marker
- It is possible to screen useful genetic resources, and also keep and accumulate them
- Efficiency of original new breed development is increased
- Contributing to advancement of agriculture by prompt proposal to production sites

We have conventionally focused on agricultural products of cucurbitaceous plants particularly such as watermelons and melons, and have accumulated a large amount of past genetic resources. By using DNA markers, new breeds can be efficiently developed, easily grown, and then breeds that offer delicious taste can be proposed to production sites promptly. We will further grow composite disease resistant breeds, aim to introduce them to production sites, and apply this technology to the other items in the future.



Uda breeding research farmland and pathology laboratory of our research and development department



We participated in the research and development project of the “Nara prefecture regional comprehensive type research and development program (2008 to 2012),” and developed a new breed of Yamatomana in cooperation with the Nara Institute of Science and Technology, Nara Women’s University and Nara Prefecture Agriculture General Center (currently, Nara Prefecture Agriculture Research and Development Center), and year-round cultivation became possible.

Nishigaki Socks Co., Ltd.



【Business outline】	Manufacturing and sales of socks for children, women and men, and supporters. Manufacturing and sales of health assist socks, supporters, inner wear "econoleg" of our uniquely developed products. Manufacturing of OEM products.
【Address】	61 Otani, Yamatotakada-shi, Nara 635-0076, Japan
【TEL】	+81-745-52-0088
【Website】	http://www.nishikutu.co.jp
【Representative】	President, Kazutoshi Nishigaki
【Founded】	1986
【Capital】	10,000,000 yen
【Number of employees】	39 (20 regular employees, 19 part timers/ temporary staff)
【Sales】	541,000,000 yen (Financial Results for Fiscal Year Ended December 2014)

Management Philosophy or Message from Representative

To continuously manufacture good thoughtful products

<Management philosophy>

We promote our business efforts in conjunction with our business partners by offering health, smiles and sincerity to customers under a concept of management and manufacturing, "friendly to nature and body." We aim to be a 100 year old company through steady contribution to local communities without haste and realizing individual happiness.

<Business policy>

Over the past 30 years, we have created excellent

products based on thoughtful quality and technology built by customers in Japan in the history of the past 30 years. I think that keeping not only socks but also other manufacturing industries in Japan is a mission of our generation taken over from the previous generation.



Kazutoshi Nishigaki

Technical Advantages and Features of Products

Technology to fix, pull, pressurize or weaken various functional thread and make them difficult to stretch or slip by fully using a wide variety of weaving methods.

◆ Description of technical advantages

- Various types (functions) of thread and weaving methods are fully used
- Socks and supporters are made to contact with the foot and integrated
- Moving twisting and coming off are prevented
- Unnecessary movement and uncomfortable movement are eliminated to increase exercise efficiency
- Healthier by correcting structure of awkward shape of foot

◆ Application of technology and function

Highly functional socks and supporters have many uses such as "who wears and when it is worn." We use various types of thread and weaving methods to manufacture highly functional socks and supporters suitable for respective applications. Main applications and functions are as follows.

- Socks and supporters for which wearer hardly feels fatigue when walking
- Socks and supporters for which wearer hardly feels fatigue at work

- Socks and supporters to enhance performance in sports and exercise such as golf, tennis, running, marathoning and trekking
- Stumble prevention socks and supporters
- Socks and supporters effective in the correction of hallux valgus
- Socks and supporters that alleviate daily lassitude and fatigue of legs
- Highly thermal socks and supporters against coldness

Not only shoes but also socks change like this!

Socks that relieve fatigue just by wearing them

ECONOLEG VARIE

- Highly absorbent and quick-drying
- Antibacterial treatment and deodorizer

Secret of ECONOLEG Experience of a holding feeling and light footfall

Secret 1 Tightly holds by heel lock.

Secret 2 Firmly keeps by cross eight
Sports Taping Figure Eight
Effectiveness like taping brings stability to ankle.

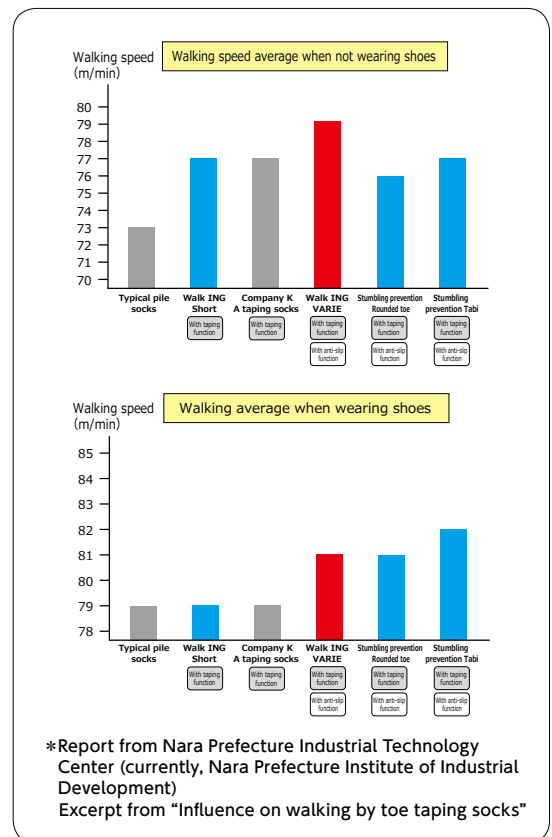
Secret 3 Prevents stumbling due to special shape in which the toe is raised.

Secret 4 Makes clipping of entire sole of foot difficult due to special anti-slip processing.

Received the 2014 Nara Prefecture Japan Institute of Invention and Innovation President's Award

NaraSocks 奈良の靴下

econoleg varie



Evaluation of comparison of walking speed with products of other companies

◆ Characteristics and strengths

- Weaving technology for uncoated polyurethane (synthetic rubber) (Joint patent with Toray Opelontex Co., Ltd.)
- "Valued products" fully using 19 registered trademarks, 16 registered designs and one registered patent
- In-house production integrating manufacturing, weaving and sewing processes by a system of 150 weaving machines
- Development of high value added products particularly focusing on technology, raw material and manufacturing steps

When uncoated polyurethane (synthetic rubber) is woven, this affects the front and back of the fabric, and slipping between socks and foot and slipping between socks and shoes can be prevented. Making a sock hard to slip requires unique know-how required weaving together with ordinary fibers. We have also added souvenirs and gifts as highly functional products for further added value and thread using raw material produced in Nara Prefecture (Yoshinokuzu). In the future, we will establish a production system profitable even for small lots, and at the same time, shift 50% of our production to highly functional and value added products.



State-of-the-art manufacturing facilities

Nihon Denshi Seiki Co., Ltd.



【Business outline】	Development and manufacturing of various fine printers in printable electronics, etc.
【Address】	46-1 Ryofukuji, Kashiba-shi, Nara 639-0235, Japan
【TEL】	+81-745-77-6951
【Website】	http://www.jemflex.co.jp
【Representative】	President, Masanori Maruno
【Founded】	1973
【Capital】	10,000,000 yen
【Number of employees】	39 (29 regular employees, 10 part timers/ temporary staff)
【Sales】	700,000,000 yen (Financial Results for Fiscal Year Ended March 2015)

Management Philosophy or Message from Representative

To aim for innovation and improvement to create the future

<Management philosophy>

"Of thy joy be not too glad, of thy sorrow be not too sad"

This means to be careful even in times of plenty, and face problems at an arms length attitude even in times of scarcity.

<Quality policy>

We aim at "first-class user satisfaction, first-class functions and quality," and position the technical development itself as a "service" to customers, and aim to be a company that realizes provision of high

dimension technical innovation and service without being passive.

We think that holding onto the spirit of "benefit of ourselves and the benefit of others," integrating all technical developments and support, and being able to contribute to stakeholders, comprise the corporate value of "Nihon Denshi Seiki Co., Ltd."



Masanori Maruno

Technical Advantages and Features of Products

Automatic repair device "Fine needle printer"

◆ Description of technical advantages

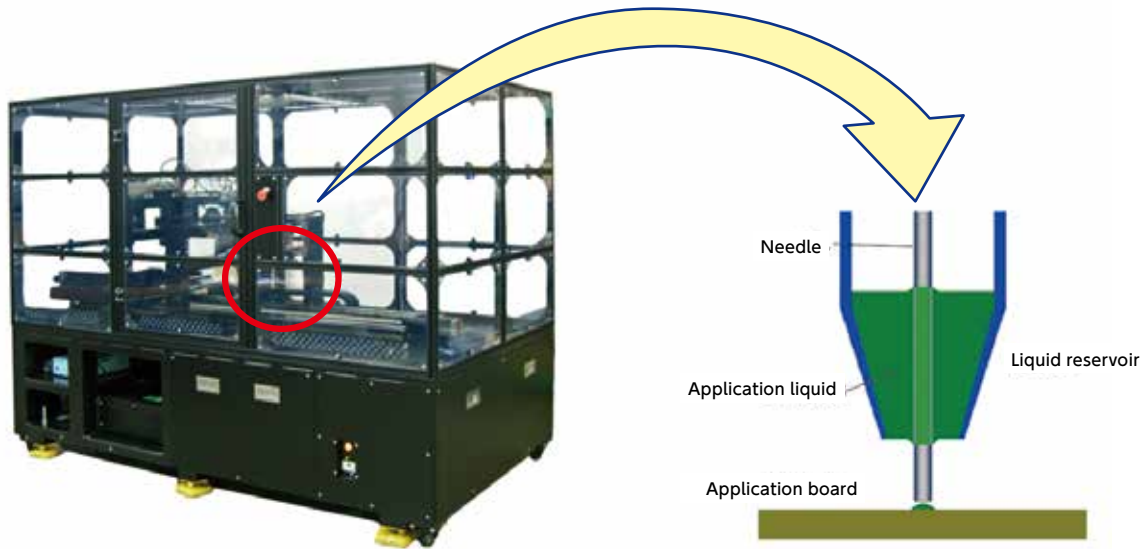
- High precision printer for printable electronics (to form wiring and electronic components by using printing technology) which is automatically operable
- Simple application principle by needle type dispenser
- Defect can be automatically detected
- Up to defect repair (recovery) in the next process is automatized

◆ Application of technology and function

Wiring using printable electronics^{note)} is a technology which can provide wiring as needed on a required area by printing technology, and is a field where the Ministry of Economy, Trade and Industry has placed focus on the promotion of technical development. However, printable electronics is printing, therefore, it may be disconnected or short-circuited. The technology which we developed automatizes repair

of these at high precision and up to final inspection as one set. This technology can recover defective products which were conventionally disposed of, and put them into a usable state, which is very eco-friendly.

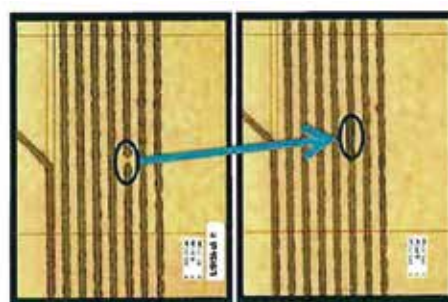
Note) Printable electronics is a general term for technology that forms wiring, display and electronic components by using printing technology.



Automatic repair device "Fine needle printer"

◆ Characteristics and strengths

- Fine line drawn line, dot application and repair (modify) drawing can be freely performed
- Dot application with a minimum diameter of $\phi 5\mu\text{m}$ and a minimum line width of $5\mu\text{m}$ can be performed
- Very tiny amount (pl.) of high viscosity application liquid (350,000mpa·s) can be applied
- No coffee-ring phenomenon, bulge phenomenon or coating liquid spot deviation occurs after application
- Automatic operation is possible <Detection of defect → repair, line drawing → anneal (option) → inspection>
- Repair function by laser cutting can be added as an option



Example of wiring repair

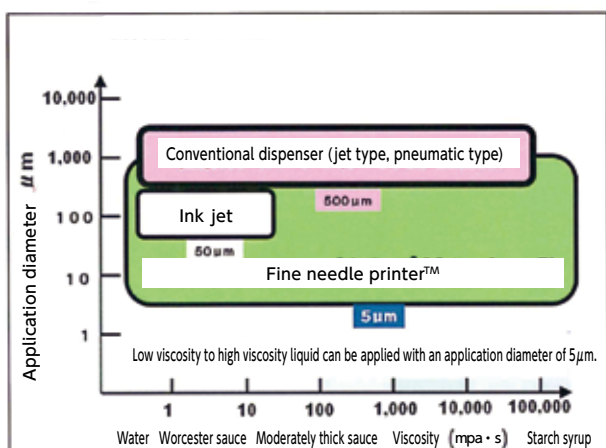


Diagram of comparison with competitive method

	Inkjet type	Needle type
High viscosity	✗ 1~15 mPa·s	○ 1~350,000 mPa·s
Coffee-ring	✗	○
Quality of drawn line	✗	○
Application position accuracy	✗	○

Comparison of quality with needle type

In comparison with the competitive method, superiority in fineness of application diameter and capacity to respond to high viscosity liquid is clear. Furthermore, this product was awarded the "Business model sector prize" at the "Printable Electronics Grand Prize 2015." Major companies, universities and institutes, etc., conducting research and development actively in this field recognize the uniqueness and

progressiveness of this technology. We will focus on an increasing higher level functions such as application speed, number of application needles and contact detection for needles. In addition, we will expand our business not only in Japan but also overseas, and expand it into automobile industry and bio markets.

SAKAI WIRE CO., LTD.



【Business outline】	Wire drawing of metal wires including heat treatment and manufacturing and sales of thin wires
【Address】	97-3 Imago-cho, Yamatokoriyama-shi, Nara 639-1031, Japan
【TEL】	+81-743-56-8888 (Main)
【Website】	http://www.sakaiwire.co.jp
【Representative】	President, Hisaaki Sakai
【Founded】	1958
【Capital】	30,000,000 yen
【Number of employees】	39 (29 regular employees, 10 part-timers/ temporary staff)
【Sales】	1,017,000,000 yen (Financial Results for Fiscal Year Ended December 2015)

Management Philosophy or Message from Representative

Contributing to society and aiming to be a 100 year old company

<Management philosophy>

- We offer high “quality” and “cost consciousness” with a wide range of wire products based on customer requests.
- We are always focused on “a spirit of good service” and “consideration,” and respond to changes in the environment with “flexibility” so as to be continuously important to society.
- We aim to be a business entity that can realize and share “happiness” as individuals and as

an organization that always positively challenges, makes progress and grows together.



Hisaaki Sakai

Technical Advantages and Features of Products

Metal wire drawing technology, in particular, surface treatment on metal wire drawing material (MPSR treatment) technology

◆ Description of technical advantages

- Metal wire is drawn to thin wire and ultra-thin wire at a wire diameter of $\phi 0.65\text{mm}$ to $\phi 0.015\text{mm}$
- MPSR treatment technology (surface texture is reformed, surface become harder, surface is dented) is applied to wire materials
 - ① Increase in fatigue strength and surface strength
 - ② Increase in wear resistance and sliding performance
 - ③ Increase in adhesive property with various types of coating
- Wire drawing of hard wire to soft wire such as stainless steel wire, nickel-chromium electrically-heated wire, pure titanium wire, pure nickel wire

◆ Application of technology and function

Various products such as wire ropes, filters, metallic meshes, demisters, braids, catalysts, nets, springs and needles are manufactured through processing such as twisting and braiding of drawn wire materials.

Specifically, these products are used in many kinds of industries and for various purposes such as catheters in the medical field, metallic packing

used in the severe environment of space, as well as automobiles, machinery equipment, building materials, bicycles, electric wires, chemicals, papermaking, nuclear power and leisure.

The unique technology to provide MPSR treatment to wire materials is held only by us. The features of the above ① to ③ contribute to a long service life of products and enhanced safety.



Wire rope



Hose cladding braid



Acupuncture and moxibustion needles

◆ Characteristics and strengths

- There are a very small number of companies having technology specialized in wire drawing of thin wire to ultra-thin wire
- High expertise and many performance examples obtained by continuously specializing in wire drawing
- Quality control comparable with target price
- Manufacturing under the motto of “small lot,” “many kinds of products” and “short delivery times”
- Establishment of MPSR treatment technology, and research and development of new materials using the technology

We will develop wire materials with new features by our unique technology to provide MPSR treatment to the surface of wire materials based on high quality wire drawing.

- ① sliding performance and friction/wear property are significantly enhanced by strengthening surface by forming a fine, tough and minute texture, and making it harder and forming tiny concave shapes on the wire material surface.
- ② Technology to polish a surface of the wire material. For example, “Finishing pure titanium wire with oxidized film to bare wire, etc.”

We will develop a new wire drawing machine to develop “high-functional wire materials with high tensile strength (strength) and high twisting value (toughness), and with a fine wire material texture that is flawless on the surface.”

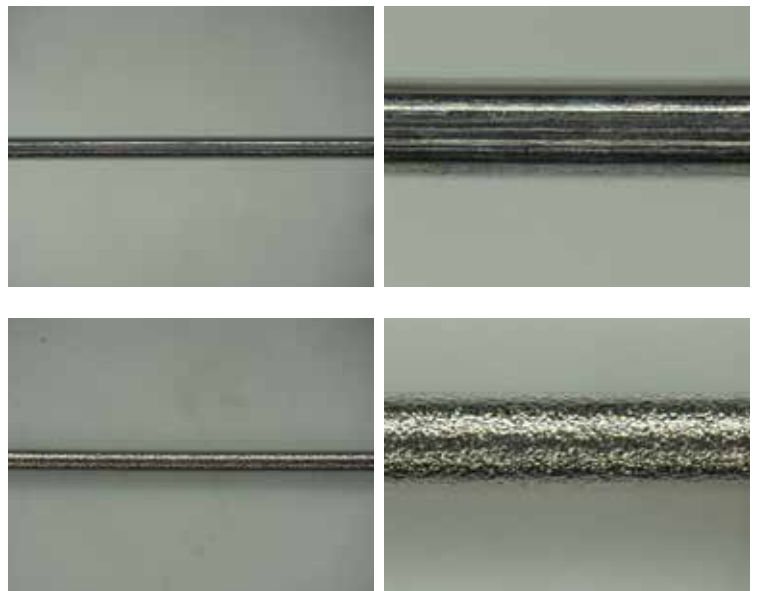


Photo of the wire material surface after MPSR treatment ($\phi 0.20\text{mm}$)

SAKAGAWA Inc.



【Business outline】	Product planning, manufacturing and sales of footwear
【Address】	3439-16 Kanmaki, Kanmaki-cho, Kitakatsuragi-gun Nara 639-0214, Japan
【TEL】	+81-745-76-8835
【Website】	http://www.kabusaka.co.jp
【Representative】	President, Takanobu Sakagawa
【Founded】	1992
【Capital】	10,000,000 yen
【Number of employees】	7 (3 regular employees, 4 part timers/temporary staff)
【Sales】	280,000,000 yen (Financial Results for Fiscal Year Ended January 2015)

Management Philosophy or Message from Representative

Make minds comfortable and make life healthy

<Management philosophy>

- Our company seeks to contribute to society by developing and selling better footwear products which provide safety, satisfaction and reliability to customers.
- We aim to build a workplace where we can learn, grow and live together with rich minds and material through work responding to customer expectations.
- We always continuously challenge self-revolution

and company revolution with a speedy response to changes in times and markets.

<Business policy>

We make an effort to create brands originated by us and only-one products.



Takanobu Sakagawa

Technical Advantages and Features of Products

Traditional skills, Setta (Japanese leather-soled sandals), passed down in Nara

◆ Description of technical advantages

- Manufacturing of Japanese style footwear has been passed down even up to present
- Placing importance on traditional “skills” “wisdom,” and “stylish mindset”
- Manufacturing processes by the hands of craftspersons preserving tradition
- Manufacturing setta suitable for modern lifestyles while focusing on wearability
- To make local industry known to the world by original setta

◆ Application of technology and function

Setta is footwear which ingeniously combined zori (Japanese sandals) and geta (wooden clogs), however, the production of setta decreased as Western-style clothing became popular, and the skills of setta manufacturing craftspersons are now considered a precious heirloom. Sangochi in Nara is the only manufacturing center of Japanese footwear products. In order to preserve the precious skills of craftspersons, our company

plans and develops many original settas suitable for modern lifestyles.

We continuously manufacture traditional setta while manufacturing setta which is easy to wear, colorful and unique, and complements Western-style clothing. It is our intention to pass on this locally rooted industry, craftsmanship and skills to the next generation by planning and developing products widely accepted in Japan and overseas.

Setta with traditional skills and many variations

Dedication to foot comfort
 Re: Kyu incorporates cushion material in the heel, center (metatarsal) and tiptoe (toe grip). This type is for beginners and persons whose feet become easily fatigued. Better foot comfort is obtained.

Focus on wear easiness
 Setta intrinsically does not distinguish between left and right.
 Yamato Kobo offers a selection of not only traditional style Setta but also Setta with the thong position arranged to focus on easiness of wear.

Rubber sponge sole developed by Yamato Kobo.
 Natural rubber ratio of 25%, with excellent resiliency and wear resistance.
 A completely original sole with a grip-secure protrusion design makes this compatible with various Setta shapes and sizes.

Wide variety of sizes
 Yamato Kobo has also focused efforts on expansion of Setta sizes. Up to 5 L sizes are now available for those in Japan who always bemoan the lack of sizes and for our foreign-born customers who need that extra size.

* These sizes are now available only for synthetic rubber sole, rubber sponge sole and EVA sand sole.

Traditional style	Arranged style
Traditional style Setta avoids deviated abrasions due to tendencies of the foot by reducing only the inside (outside) just by replacing each side for wear.	The little toe fits into Setta by shifting the thong position to both sides. The little toe never makes contact with the ground, and this is safe, making wearing more like a sandal possible.

M	L	LL	3L	4L	5L
24.5~25.5cm	26~27cm	27~28cm	28~29cm	30~31cm	32cm~



Tricolor type real leather Setta for men



Checked pattern Setta for women



Checked pattern Setta for men



Hemp Setta for women

◆ Characteristics and strengths

- Original setta which is more functionally arranged while taking advantage of excellent tradition
- More comfortable by shifting the thong position to both sides
- Cushion material is incorporated in the heel, center (metatarsal bone) and toes to increase comfortability.
- Individuality is expressed by a wide variety of shapes in addition to standard shapes
- Fashionable with wide variety of materials in addition to standard materials

Originality is added at important points of our setta in addition to traditional and standard setta. Usually, we can wear setta safely with the pinky toe not falling off the edge by positioning the thong in a different position on the right and left in a symmetrical manner. In addition, the cushion material adjusted to each foot shape prevents fatigue, and stylish shapes such as a square, diamond or rounded pattern are available. Setta has evolved to be more unique and fashionable by taking advantage of our strength in material combination.

We plan to expand our business and enter into the field of apparel and high grade Japanese style hotels in the future while further pursuing the comfortability of footwear.



We will continuously propose setta suitable for the times and lifestyles of the future.

Sanko Seiki Co., Ltd.



【Business outline】	Manufacture, sales and export of construction machine-related products, and manufacture, sales and export of agricultural machine-related products, etc.
【Address】	7-13 Higashimikurado-cho, Yamatotakada-shi, Nara 635-0034, Japan
【TEL】	+81-745-52-0025
【Website】	http://www.sanko-seiki.co.jp
【Representative】	President, Motonobu Sasaoka
【Founded】	1969
【Capital】	40,000,000 yen
【Number of employees】	10 (8 regular employees, 2 part timers/temporary staff)
【Sales】	158,000,000 yen (Financial Results for Fiscal Year Ended April 2015)

Management Philosophy or Message from Representative

Research and development type engineer group

<Management philosophy>

To increase knowledge and contribute to society through development and sales of new products

<Business policy>

To contribute to environment conservation through the manufacture and sales of illegal fuel identifying devices with our own technology.

We have continuously conducted research and development mainly through an "industry-government-academic relationship," and have made efforts to discover new needs while reading the trends of the times.

Needs are unlimited. We think that our mission is to discover needs, convert them into "products" and meet the demands of society.

All of our employees are treated as researchers and continue research and development at a level with researchers in universities and public institutions.

* "Industry" means enterprise, "public institution" means public research institution, and "academic" means technical colleges and universities.



Motonobu Sasaoka

Technical Advantages and Features of Products

A technology to identify light oil, kerosene, A-type heavy oil and a mixture of them by hue value and light absorption intensity characteristics

◆ Description of technical advantages

- Technology to identify types of light oil, kerosene, A-type heavy oil and mixture of them by hue value
- It was found that light absorption intensity of a specific wavelength band differs depending on the type of oil and identification performance was increased
- Content of impurity (such as pitch, contaminant) is proportionate to color density
- Identification results are not influenced by temperature in comparison with specific gravity, refraction index and viscosity
- "Machine mounted-type illegal fuel identifying device (product name: Checker Man Ace)" to which this technology is applied has been developed

◆ Application of technology and function

A large number of construction machinery is leased for use, and illegal light oil is often used. Use of illegal light oil results in tax evasion, air pollution, and shortening of machine life. The Ministry of the Environment established the "Act on Regulation, etc., of Emissions From Non-Road Special Motor Vehicles" and construction machinery are also subject to emission regulations.

The "Checker Man Ace" which overcame identification

which was difficult by a conventional portable tester can automatically measure and record fuel, and further, it can stop an engine when illegal light oil is used. The structure of the device is simple and can be easily mounted on any machine, and "anyone can measure easily at low cost." This product is registered with "NETIS" of the Ministry of Land, Infrastructure, Transport and Tourism. We will further enhance the identification capacity and make efforts to expand business overseas.



Exhibition at "bauma china" 2014



"Checker Man Ace"



Example of use

◆ Characteristics and strengths

- Focus on needs on-site
- Solution of problems by industry-public institution-academic relationship
- Contribution to users

Portable engine starter "Batterica" which we developed over 30 years ago and is our main product even today was developed as an auxiliary battery in response to needs for battery exhaustion on large scale agricultural farms. Now, it is made compact to 1/5 of a normal battery, incorporates a special battery which can instantaneously generate cranking current of approximately 1000 amperes and serves large vehicles such as hydraulic shovels and trucks.

An electric carrier for agricultural work which was jointly developed with Nara Women's University and the National Institute of Technology, Nara College which can be easily used even by elderly persons and women was published in a "white paper on science and technology 2013."

All employees are researchers and discover needs in the field, and then develop products which can contribute to society.



Sanwa Starch Co., Ltd.



【Business outline】	Production and sales of starch and starch processed products. Production and sale of saccharification products
【Address】	594 Unate-cho, Kashihara-shi, Nara 634-0834, Japan
【TEL】	+81-744-22-5531
【Website】	http://www.sanwa-starch.co.jp
【Representative】	President, Ayumu Ito
【Founded】	1947
【Capital】	500,000,000 yen
【Number of employees】	241 (238 regular employees, 3 part timers/ temporary staff)
【Sales】	28,500,000,000 yen (Financial Results for Fiscal Year Ended March 2015)

Management Philosophy or Message from Representative

To contribute to society through a spirit of “Enjoying together, and sharing difficulties”

<Management philosophy>

- To contribute to solutions to problems which customers have through provision of materials.
- To pursue both physical and mental happiness for all employees.

<Company creed>

“Enjoying together and sharing difficulties” is a coined term which was created by Seiichi Morimoto, founder of Sanwa Starch Co., Ltd. It

literally means enjoying together and sharing difficulties. The entire Sanwa Starch Co., Ltd. will contribute to society by providing products which gain the trust and satisfaction of customers based on this management philosophy of “Enjoying together and sharing difficulties.”

Technical Advantages and Features of Products

A technology to produce functional sweetener “L-arabinose” contained in plants

◆ Description of technical advantages

- Our own technology to produce high purity “L-arabinose” from corn fiber (seed coat) etc., using a “Hydrolysis method, separation method” (Patented)
- “L-arabinose” is a functional sweetener having a blood sugar level rise suppression effect
- A product “ARABINO” obtained by crystalizing and powdering high purity “L-arabinose” is produced

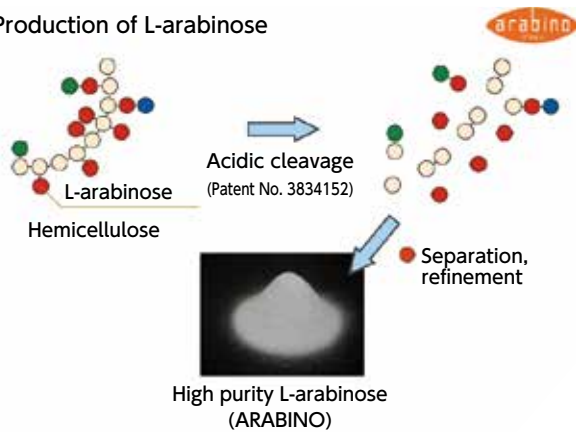
◆ Application and function of technology

Technology to produce functional sweetener “L-arabinose” contained in edible plants such as corn by our own patented production method. “L-arabinose” is one of the constituent sugars of a plant cell wall, and a sugar content originating from relatively broadly distributed natural products. This has an effect of prevention of the elevation of the blood glucose level, and this effect is obtained by using it with sucrose (carbohydrate which is

generally mixed into foods and drinks = sugar), and is used as ingredients included in food for specified health uses for persons who are concerned about blood sugar levels. This technology is very effective when functional sugar content “L-arabinose” is produced from edible plants, and carbohydrate “D-xylose,” etc., can also be produced with the technology by changing decomposition and separation conditions.

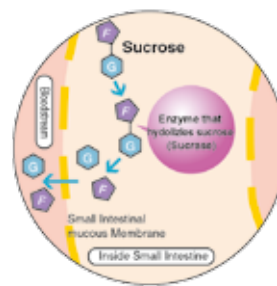
No. 1 market share in Japan for production of high purity L-arabinose

Production of L-arabinose

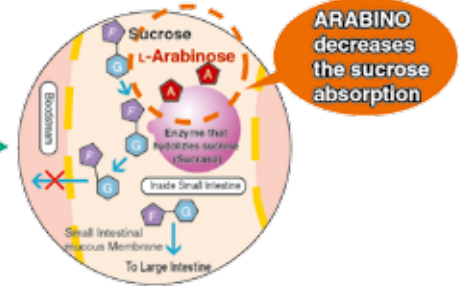


Production of "L-arabinose"

Sugar only



Sugar + ARABINO



◆ARABINO inhibits sugar degrading enzymes

A mechanism in which "L-arabinose" suppresses blood sugar levels

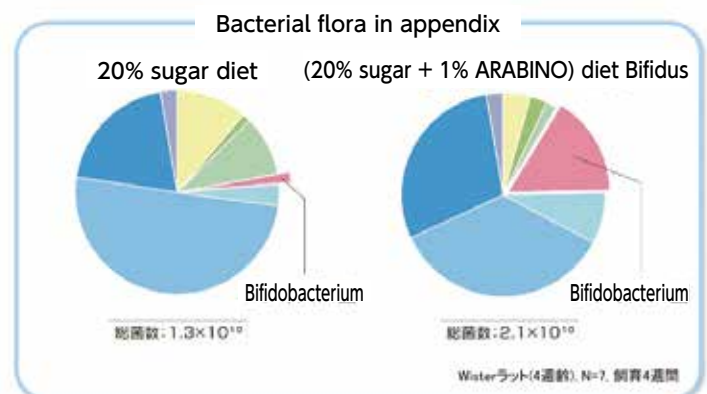


Products using our L-arabinose

◆ Characteristics and strengths

- "L-arabinose" of a purity of 95% or more can be produced in bulk stably
- High purity "L-arabinose" can be safely used as a pharmaceutical intermediate for foods, drinks and supplements
- "L-arabinose" is a sugar content which moderates the rise of blood sugar levels by sugar intake, and is used as a functional ingredient for foods for specified health use
- Top market share in Japan for production of high purity L-arabinose

According to data from the International Diabetes Federation (IDF), there are approximately 400,000,000 diabetes patients around the world, and the number is increasing. We design expansion of sales covering not only the Japanese market but also overseas markets. Furthermore, we have confirmed the effect of improving intestinal flora (effect to increase Bifidobacterium) and visceral fat accumulation suppression effects in addition to the above effect by animal testing. When these effects are recognized in humans in the future, it will be possible to expand growth into multi-functional sugar content which can greatly contribute to health promotion for consumers.



◆This is estimated to be due to an effect by sugar, ARABINO which passed through the small intestine.

Bifidus effect of ARABINO (results by animal testing)

Separator System Industry Co., Ltd



【Business outline】	Manufacturing and sales of filtering devices, cleaners, coolant devices, filter bags, sterilized water and water generators
【Address】	2-7-7 Kasugaoka, Heguri-cho, Ikoma-gun, Nara 636-0915, Japan
【TEL】	+81-745-65-5500 (Katsuragi plant: Manufacture and Sales Headquarters)
【Website】	http://www.s-s-k.co.jp
【Representative】	President, Daisuke Matsuzawa
【Founded】	1984
【Capital】	10,000,000 yen
【Number of employees】	40 (20 regular employees, 20 part timers/ temporary staff)
【Sales】	688,000,000 yen (Financial Results for Fiscal Year Ended May 2015)

Management Philosophy or Message from Representative

Pursuing unique value with filtering technology and products

<Management philosophy>

We always look to create value which satisfies customers and widely contributes to society, and we pursue physical and spiritual richness of employees.

<Business policy>

- Our company's performance, sales of filtering devices which has been our main product since our foundation has steadily progressed, however, we seek to further expand sales in the future.
- For Bio lo Nurse, we have advanced establishment of the product division from the development phase

and aim to have it contribute to the company's performance.

- We promote further product development that responds to market needs for Bio lo Nurse to build a base for sales, as well as introduce full-scale production facilities and build a production system in order to respond to market demands for quality, cost and supply.



Daisuke Matsuzawa

Technical Advantages and Features of Products

Amazing sterilization agent and deodorant "Bio lo Nurse" created from food additives

◆ Description of technical advantages

- Secure and safe sterilization agent (antibacterial agent) mainly containing citric acid which is a food ingredient originating from plants
- Non-alcohol, no use of chlorine component, fragrance-free
- Sterilization effect and sustainability exceeding those of sodium hypochlorite
- Bacteria and virus which cannot be sterilized only by alcohol can also be reliably sterilized.

◆ Application of technology and function

Demonstrates a strong effect in the prevention of influenza and norovirus, and proves effective in the disposal of vomit and excretion. It is optimal for sterilization of coliform bacillus including O157 and staphylococcus aureus, and instantaneously deodorizes food waste, toilet odors, tobacco odors, pet uraroma, bad odors from inside of shoe boxes and inside of refrigerators. It can be used for various

applications such as air outlets of air conditioners, insides of shoes, pillows and beddings, and front and back surfaces of masks.

"Bio lo Nurse" is now on sale in liquid, powder and tablet forms as a sterilization agent and deodorant. Ultrasonic spray device "Bio lo Mist" as ultrasonic spray device and "Bio Mister" as sprayer for professional use are under development.



Line-up of “Bio Io Nurse, “the product” for deodorization and sterilization.” 780 yen to 1,890 yen per one item (including tax)

◆ Characteristics and strengths

- Sterilization agent using only food additives (by antiseptic property of citric acid in acid solution of pH3.0 or lower Patented)
- Sterilization effect is strong and durable (sterilization effect is displayed in 30 seconds by action of carboxyl radical in citric acid, and is sustained even after 7 days)
- Corrosion-proof effect to metal is also provided (by action of edible acid contained)
- Quasi drug certification acquired (Gargle: Bio Io Nurse Gargle S)

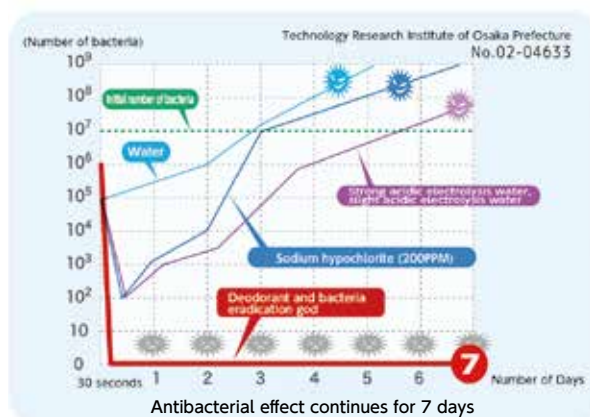
Sterilization effect was verified by the Technology Research Institute of Osaka Prefecture, and according to the verification, the time until the effect is displayed is 30 seconds when 10^7 bacteria became almost 0 (With sterilization agent of other companies such as sodium hypochlorite, 10^7 bacteria decreased to 10^2 after a few hours.). As to duration of the effect, bacteria did not increase even after 7 days (With products of other companies, a number of bacteria exceeded the initial number of 10^7 after 3 to 6 days.). It is excellent in not only sterilization capacity but also deodorization capacity, and it was verified that it has a high deodorization effect against the four worst odors* by a deodorization effect test conducted by the institute.

*Four worst odors: Ammonia, Trimethylamine, Hydrogen sulfide, Methyl mercaptan

Primary viruses and bacteria to which Bio Io Nurse was proved to be effective

Bird flu virus	Salmonella
Norovirus	Legionella
Coliform bacillus	MRSA
Staphylococcus aureus	Pseudomonas aeruginosa
Trichophyton (athlete’s foot, jock itch, ringworm, etc.)	Malassezia genus fungus

* Examined by Japan Food Research Laboratories, Technology Research Institute of Osaka Prefecture, Kyoto Sangyo University, Avian Influenza Research Centre, KE’KEN Textile Testing & Certification Center, Kansai Inspection Office, Bacteria Laboratories



Graph of comparison of sterilization effect with products of other companies

SKK Corporation



【Business outline】	Metal pressing
【Address】	1786-1 Kitatahara-cho, Ikoma-shi, Nara 630-0142, Japan
【TEL】	+81-743-79-3033
【Website】	http://www.sknet.co.jp
【Representative】	President, Hirotaka Kondo
【Founded】	1950
【Capital】	55,000,000 yen
【Number of employees】	123 (123 regular employees, no part-timers/ temporary staff)
【Sales】	3,183,000,000 yen (Financial Results for Fiscal Year Ended March 2015)

Management Philosophy or Message from Representative

Our foundation is each individual employee

<Management philosophy>

“Trusted management with a focus on self-initiative”

Excellent technical competence is born by leveraging a combination of the most advanced equipment and development of human resources. We have conducted trusted management with a focus on individual self-initiative based on the idea that the “foundation of a company is each individual employee.”

We respond to today’s diversified needs with a flexible idea of believe and trust and break down stereotypes.

<Company creed>

- “Foundation of a company is each individual employee”
- “Individualization of technology results from continuous efforts”
- “Tomorrow’s prosperity results from dedicated advancement”



Hirotaka Kondo

Technical Advantages and Features of Products

Molding technology for coated steel plates by oilless processing

◆ Description of technical advantages

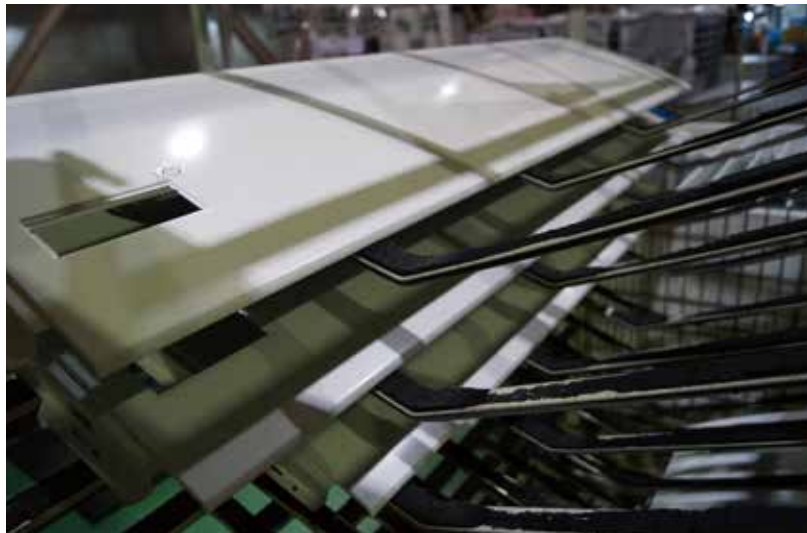
A technology to mold coated steel plates without application of oils, realizing scratchless products by optimizing the following three points.

- Optimization of mold clearance
- Minimization of surface roughness on molds and optimum coating on molds
- Optimization of pressurized force balance for product holding in molds

◆ Application of technology and function

This technology is used mainly for exterior components of enclosures for large home electric appliances such as air conditioners and refrigerators. A steel plate after coating is pressed without using lubrication oil, and a clear scratchless exterior essential to electric home appliances can be realized. Conventionally, steel plates were coated (resin coating) after pressing, however, pre-coated steel

plates are frequently molded to reduce the number of processes in order to streamline the process. We have a “total development system” which can be achieved only because we integrally conduct mold design through production. We have achieved this technology through earnest “manufacturing” with an excellent pressing technology since our foundation.



Large members molded by oilless processing

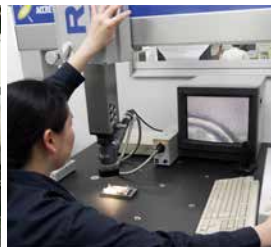
■ Integrated production system by most advanced equipment and proficient skill



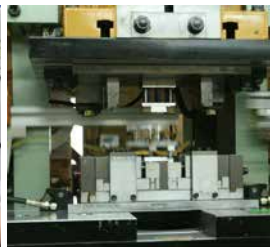
Mold design by CAD/CAM system



Mold machining by NC machine



Measurement by three-dimensional measuring instrument



Automated production line



Press line for prototype

◆ **Characteristics and strengths**

- Coating film is not excessively damaged because there is no degreasing process due to oilless processing.
- Coated film increases corrosion-proof performance of products
- Waste of resin and paint is minimized because of pre-coating, resulting in reduced environmental loads
- Press molding “dedicated line” for coated steel plates by oilless processing
- There is no competitor for molding of large members by this technology

It is difficult to mold steel plates without oil, and machining oil is mostly used for lubrication, however, a processing technology to preserve a beautiful exterior without using machining oil is essential to our company producing exterior components of products. We plan to continuously use a 200 ton press robot line and 250 ton press robot line to further enhance molding technology for large exterior press components in the future.

We have just launched B-to-C product brand “monoshi,” and developed an aluminum bumper for smartphones.

“monoshi” is a brand that integrates planning, manufacturing and sales of our products through sheer persistence while utilizing sophisticated technology and know-how which our engineers and skilled personnel have over many years cultivated at SKK Corporation.



“monoshi aluminum bumper for smartphones

Toyo Screen Kogyo Co., Ltd.



【Business outline】	Planning, manufacturing and sales of parts, equipment and devices related to separation, classification, concentration and dehydration, and equipment and devices for environmental conservation
【Address】	2-10-6, Kozen, Ikaruga-cho, Ikoma-gun, Nara 636-0103, Japan
【TEL】	+81-745-70-1711
【Website】	http://www.toyoscreen.co.jp
【Representative】	Representative Director, Takeo Hirohama
【Founded】	1954
【Capital】	20,000,000 yen
【Number of employees】	84 (75 regular employees, 3 part timers/ temporary staff)
【Sales】	1,200,000,000 yen (Financial Results for Fiscal Year Ended September 2014)

Management Philosophy or Message from Representative

To fully use separation and classification technology while focusing on the environment and quality

<Management philosophy>

We contribute to social capital improvements and environmental conservation through manufacturing of high quality and high precision products and devices by fully using separation and classification technology.

<Business policy>

We continuously maintain a "Quality Management System (QMS)" based on ISO9001 and an "Environment Management System (EMS)" based on ISO14001 to ensure the following in each operation of separation and classification devices which we design, manufacture and

sell.

1. We aim to improve and enhance operations in order to improve product quality, strictly observe delivery times, and reduce costs.
2. We aim to conserve the global environment by reducing resource consumption, recycling, reducing waste and preventing environmental pollution.
3. We make efforts related to safety management and health management of employees.



Takeo Hirohama

Technical Advantages and Features of Products

Manufacturing and processing technology for ultra-fine wedge wire elements

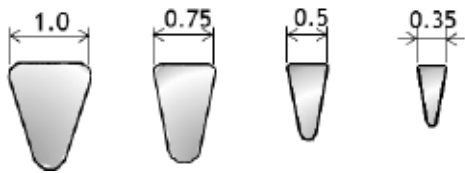
◆ Description of technical advantages

- Ultra-thin stainless steel wire (wedge wire) of which the cross section is formed to a wedge shape is cylindrically welded at minimum intervals of $5\mu\text{m}$
- The above element is processed to manufacture "cylindrical filters" and "plate-shaped screens"
- Particularly fine mesh "fine wedge wire screens" can cover disposable filter regions such as filter cloth and filter paper

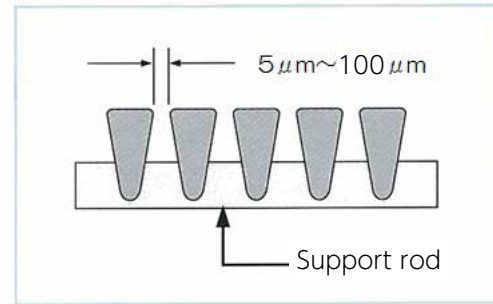
◆ Application of technology and function

Applications of the "wedge wire screen" are ① mechanical parts such as filtering machines, centrifugal separators, dehydrators and vibration sifters, ② intake of river water and sea water, ③ retaining of active carbon, ion exchange resin, catalyst and filter materials, ④ prevention of diversion of carriers (powder-like or small piece materials used to adhere microorganisms) used in waste water

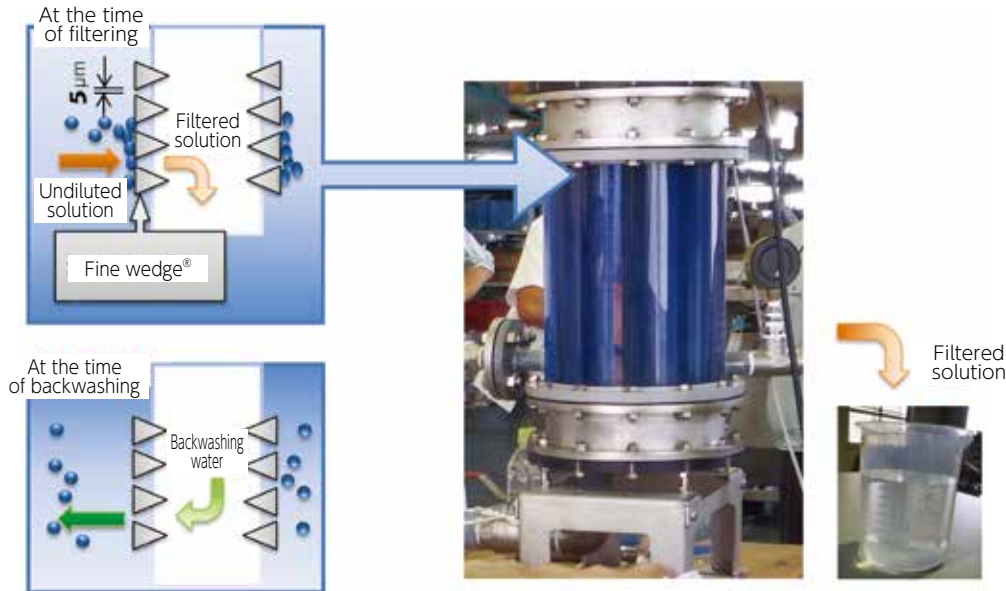
treatment facilities, and ⑤ strainer elements, etc. Finer mesh (upper side dimension of a wire 1mm or less, slit of 0.1mm or less) "fine wedge wire screens" can respond to finer treatment. These are high precision and high quality metallic filters used for the starch production process, chemical and pharmaceutical plants. We have also developed devices equipped with "fine wedge wire screens."



Dimensional example of fine wedge



Slit interval of fine wedge

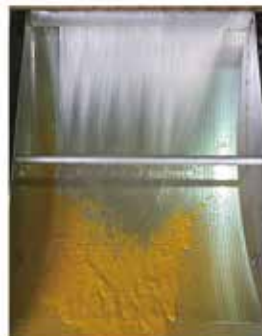


Disk-shaped switching valve-type auto filter ultra-fine mesh prefilter system "Pre-fine"

◆ Characteristics and strengths

- The technology to cylindrically weld wedge-shaped stainless steel deformed wire (wedge wire) at a minimum width of 0.35mm at a minimum interval of 5μm is rare and is considered world class technology
- Recycling as a metallic filter by cleaning is easy, and it can be operated continuously
- High durability, long service life, and 100% recyclable
- We have developed many devices equipped with wedge and fine wedge wire screens

In particular, "fine wedge wire screens" can perform fine separation which was performed by conventional filter cloths and filter paper, etc. It is useful in every aspect such as years of durability, continuous operation, operation efficiency, running cost, and environmental load. Our screens are employed for commercialization research of bio-fuel using algae as raw materials conducted on a national level mainly by NEDO (New Energy and Industrial Technology Development Organization). In the future, we will horizontally expand the employed product technology also to general industrial applications as "Fine Arc" and seek to enter various fields.



Ultra-fine mesh solid-liquid separation screen "Fine Arc"

Yoshikawakuni Plastics Co., Ltd.



【Business outline】	Planning, manufacturing and sales of plastic miscellaneous daily goods
【Address】	646-2 Kamori, Katsuragi-shi, Nara 639-0271, Japan
【TEL】	+81-745-77-3223
【Website】	http://www.yoshikawakuni.co.jp
【Representative】	President, Toshiyuki Yoshikawa
【Founded】	1959
【Capital】	20,000,000 yen
【Number of employees】	105 (90 regular employees, 15 part timers/ temporary staff)
【Sales】	2,000,000,000 yen (Financial Results for Fiscal Year Ended July 2014)

Management Philosophy or Message from Representative

Aiming to offer beautiful “storage”

<Management philosophy>

1. We aim to be a company which can offer a comfortable and rational life through products
2. We aim to be a company which is selected and continuously admired by consumers
3. We pursue both physical and spiritual happiness for all employees at the same time

<Business policy>

Let's carry out a Plan-Do-Check for all operations to think of beautiful storage, a warm and

comfortable life.

We will proactively make efforts to address <storage> in which many people are interested and which new proposals await while exploring the possibilities of plastics and challenging insatiably.



Toshiyuki Yoshikawa

like-it[®]
ecological and new basic life / since 1959

Technical Advantages and Features of Products

Design and molding technology for injection mold of special structure

◆ Description of technical advantages

- Resin molding technology which employs a large angular core for a mold
- It is possible to make molded products of complicated shapes
- This technology is applied to box-like products which can be assembled and disassembled

◆ Application of technology and function

The angular core is a method to process undercut of molded products by using the protruding stroke of an ejector plate. In comparison with the method to manufacture by injection molding with a normal mold, molding conditions are narrowed because other motions are added. However, molded products of more complicated shapes can be made by using

this mold for molding.

We manufacture molded products which are easy to assemble and disassemble freely such as a gap stocker for daily necessities by applying this technology. We have developed products which can be customized to necessary storage amounts by linking units of the same width and depth size.



Slim storage series



Slim storage (stocker unit)

◆ Characteristics and strengths

- We have developed products of which removable parts are firm and easy to assemble by special molds
- Realized storage which allows users to effectively use space according to their applications
- “Slim storage (stocker)” is a product with items already set, which offers wide variation of 16 different widths of 17cm, and 25.5cm and different heights
- “Slim storage (stocker)” is a unit product to which unit such as drawers and top plates can be freely replaced and added to allow users to assemble original stockers
- Won multiple Good Design Awards.

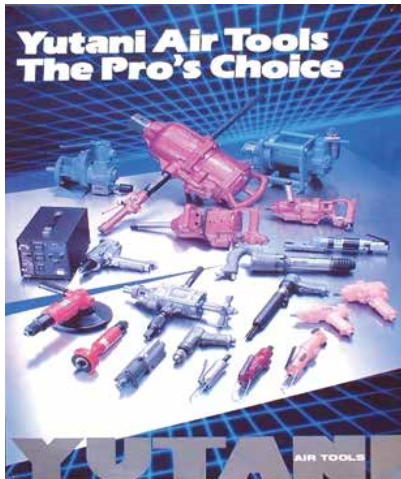
We have focused on original product planning since our foundation, and we always make an effort to acquire industrial property rights and Good Design Awards. 43 of our products have been awarded the Good Design Award (among them, 19 products were awarded Good Design Long Life Design Award).

We will continue to promote research and commercialization of environment-friendly biomass plastics in the future. More specifically, we are exploring designability by reducing petroleum raw materials by mixing used paper with polypropylene, with fabrics that cannot be displayed only by plastics.



Image of “Slim storage (stocker unit)” linkage

Yutani Corporation



【Business outline】	Manufacturing and sales of air tools for professionals (impact driver, impact wrench, grinder, drill, hammer, etc.), air motor, air winch, nut runner, and assembling machine)
【Address】	5-4-8 Saikujō-cho, Nara-shi, Nara 630-8453, Japan
【TEL】	+81-742-61-1815
【Website】	http://www.yutani.co.jp
【Representative】	President, Toshimi Yutani
【Established】	March 1918
【Founded】	October 1943
【Capital】	4,356,000,000 yen
【Number of employees】	63 (63 regular employees)

Management Philosophy or Message from Representative

To respond to professional customers by professional work

<Management philosophy>

Enjoy working and give customers maximum satisfaction!

Pursue maximum customer satisfaction in air tools and fastening control technology.

<Business policy>

- 1 Always serve customers first
- 2 Always think priority
- 3 Always think rationally
- 4 Always pursue first class

We will pursue satisfaction exceeding expectations by always keeping “the next process is your customer” in mind, being completely professional, and sensitively meeting every customer’s needs.



Toshimi Yutani

Double Guarantee Tightening System Air tool YAP-6C Controller EMC100AP

◆ Characteristics and strengths **YUTANI**

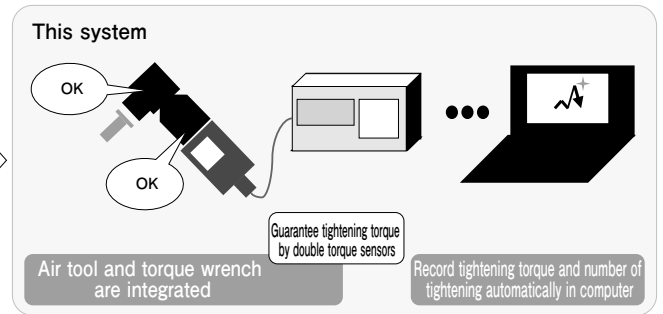
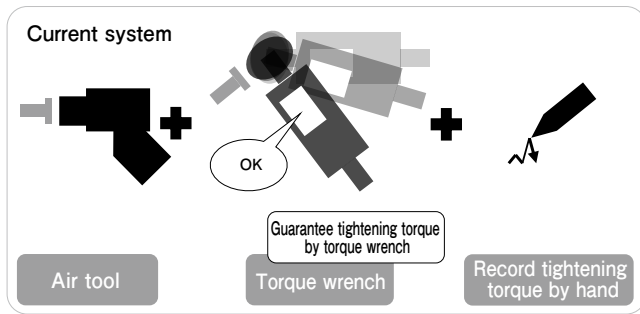
Assemble aircraft securely, quickly and easily!

1. Securely! Prevents human errors by independent double torque sensors
2. Quickly! Guarantees torque 5 to 10 times faster than manual tightening even in a narrow place
3. Easily! Significantly reduces work load by very light weight and small air tool

Reassured Double Guarantee Tightening System

Step 1. Tightens with an air tool and it automatically stops at the set target torque by the first torque sensor

Step 2. Tightens manually and reconfirms the target torque by the second torque sensor



Air tool for assembling an aircraft which has realized very light weight and small size



Double Guarantee Tightening (DGT) System
Double guarantee of tightening torque by double torque sensors built in air tool

Selected by "MONODZUKURI" New Selection in Kansai 2015 !
Prevents tires from coming off of trucks and buses
Approved first in Japan by JASEA TMW-600-M2

◆ Characteristics and strengths **YUTANI**

Prevent accidents with quick, secure and easy tire replacements by a single person

Most accidents involving tires coming off from hubs and buses are caused by faulty maintenance such as incorrect tightening of wheel nuts. A 2-spindle tightening system "TMW-600-M2," approved for the first time in Japan by JASEA as more accurate than torque wrenches, has functions to remove the causes for accidents such as tires coming off from hubs of trucks and buses.

1. No need to use torque wrenches to confirm torque
2. Applicable to all types of trucks and buses
3. Shorten tightening procedure time by about one-fifth
4. Reduce load of tightening procedure significantly
5. Need only one person for tightening procedure

6. Anyone can correctly and securely tighten
7. Possible to control, record and trace torque and number of tightening



2-spindle nut tightening system for trucks and buses selected by "MONODZUKURI" New Selection in Kansai 2015

RIKEN KEIKI NARA MFG. Co., Ltd.



【Business outline】	Manufacturing and sales of automatic press monitoring device and measuring instrument, development and manufacturing of gas detection alarm, manufacturing and sales of various sensors, development and manufacturing of other OEM
【Address】	49-1, Abe, Sakurai-shi, Nara 633-0054, Japan
【TEL】	+81-744-43-0051
【Website】	http://www.rikenkeikinara.co.jp/english/index.html
【Representative】	President Jyunichi Koyano
【Founded】	1972
【Capital】	50,000,000 yen
【Number of employees】	63 (48 regular employees among them)
【Sales】	1,700,000,000yen

Management Philosophy or Message from Representative

<Management philosophy>

Riken Keiki Group are a pioneer in creating safe working environments for workers.

<Business policy>

Riken Keiki Group endeavor for its operations to be in full Legal Compliance, to strive for Preservation of the Environment, and to maintain our role of high Social Responsibility as a good corporate citizen. Our company spun off from Riken Keiki Co., Ltd. (presently listed on the first section of the Tokyo Stock Exchange) in 1972, and was founded as an

affiliated company. In particular, we focused on quality control and increase of productivity in high speed press machining, and is now making efforts on development, production and sales of abnormality monitoring device and measuring instruments for press machine. We will keep product quality and protect molds, and protect equipment. Please use all of them totally.



Jyunichi Koyano

Technical Advantages and Features of Products

Development, manufacturing and sales of slug detector and measuring instrument

◆ Description of technical advantages

- Developed equipment which monitors press machining process and detects abnormality caused by slug
- Two modes to monitor bottom dead center and monitor first bound.
- Detects difference between previous bottom dead center data and this data as a change difference (bottom dead center displacement).
- Monitors slug by setting a limit of change difference.
- Prevents product defect and mold damage caused by slug.

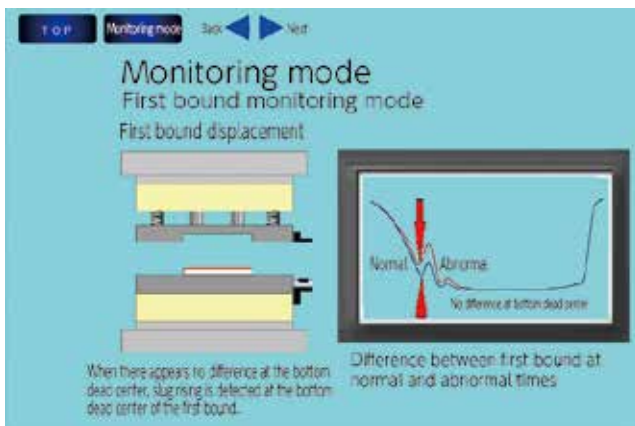
◆ Application of technology and function

“Scrap floating” which accounts for 70 to 80% of product defects is caused by inclusion of material which must be extracted above and below the product. Our detector detects one shot of abnormality caused by slug, and immediately stops press machine.

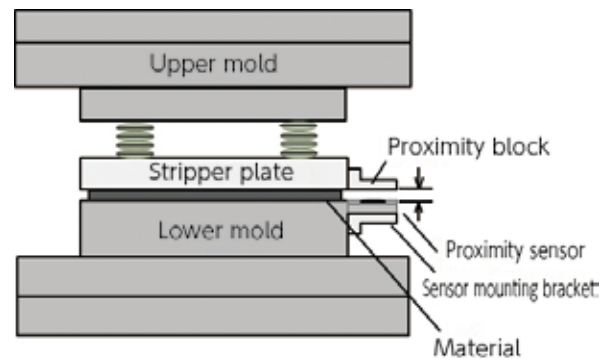
For detecting procedure, sensors are installed to a lower mold (fixed side) and a proximity block to become a target is installed to a stripper plate

(movable side). When scrap floating occurs on mold with stripper, the position of the stripper changes. Scrap floating is detected by measuring displacement of this bottom dead center.

As detecting methods, there are [1]monitoring bottom dead center, and [2]monitoring first bound, and when spring pressure is high and slug is crushed, it is effective to [2]capture the bottom dead center of the first bound occurring where the stripper hits slug.



NEW SELBER EX first bound difference waveform



Installation diagram

◆ Characteristics and strengths

- Applies eddy current displacement sensor technology to enable high precision detection.
- Facilitates numerical management by digital display.
- Equipped with first bound detecting function.
- Slug detection resolution is $0.1\mu\text{m}$, which is for the first time in the industry.
- The leading-edge device is able to monitor up to press machine maximum rotation speed 4,500spm, which is at the top of the industry.
- Wide variety of line-up from up-to-date and high performance models to overseas specifications which realized easy operation and low cost by narrowing functions

Loss caused by scrap floating results in not only product defects but also loss of material and time, increase in cost caused by damage on mold, and reduction in reliability with customers. Our slug detector can detect 100% of scrap floating if installation and management are appropriate.

In particular, the overseas specification (NEW SELBER EX model: RM-6302) narrowed functions and simplified its handling. Even any person other than specialized technician can take a turn of operation in a few minutes, and this is the largest strength. In addition, we are manufacturing and selling not only ① Slug Detector, but also ② Miss Feed Detector intended for protection of mold (NEW SELBER EM), and ③ monitoring device intended to maintain and control press equipment itself (NEW SELBER BL), and totally add secure reliability to press machining.

※NEW SELBER BL is scheduled for release in June 2017



Use NEW SELBER EX in combination with EM



NEW SELBER BL

Ryoho Freeze Systems Co., Ltd.



Proton Freezer

【Business outline】	Design, manufacturing and sales of various industrial freezers and thawing machines, and equipment for food plants
【Address】	6-3-10 Omiya-cho, Nara-shi, Nara 630-8115, Japan
【TEL】	+81-742-36-9056
【Website】	http://www.proton-group.net
【Representative】	CEO, Kazunari Ninomiya
【Founded】	1999
【Capital】	43,000,000 yen
【Number of employees】	24 (20 regular employees, 4 part timers/ temporary staff)
【Sales】	705,000,000 yen (Financial Results for Fiscal Year Ended March 2016)

Management Philosophy or Message from Representative

Our company's DNA is "continuity, sociality and individuality"

<Management philosophy>

We contribute to society by developing and selling equipment to realize "small amounts of food, careful stock and delicious cooking."

<Business policy>

Freezing is the only method that allows foods to be stored without additives. We conduct business through the integration of hardware and software together with food processing know-how via

restaurant management, establish a proton fresh network system connecting production sites and consumer sites, and deliver reliable, safe and delicious food ingredients throughout Japan to consumers on the basis of proton equipment.



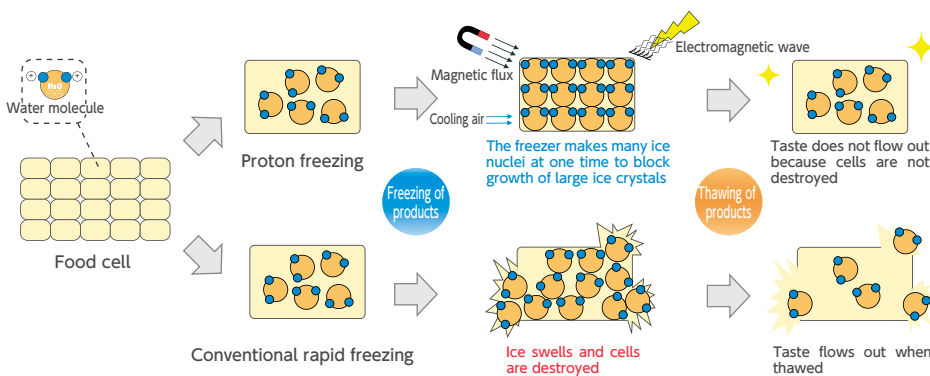
Kazunari Ninomiya

Technical Advantages and Features of Products

Food freezing and thawing technology

◆ Description of technical advantages

- "Proton freezing" technology to freeze food with minimum cell destruction, freeze and prevent outflow of umami ingredients
- The "Proton freezer" is a hybrid freezer of magnetic force, electromagnetic waves and cooling air
- Freezable without destruction of the cell walls of food (umami ingredients of food do not flow out when food is thawed)
- "Proton freezing" technology to control steam temperature and thaw with high quality quickly
- The "Proton freezer" fully uses latent heat of condensation (freezable without deteriorating quality)



Mechanism of proton freezer

■ Comparison of ice crystals



Conventional rapidly frozen ice Frozen ice of Proton

■ Comparison of drip amount



Conventional rapid freezing (-45°C) (Drip 7% flows out) Proton rapid freezing (-40°C) (Drip 2% flows out)

Delicious frozen food to the world!



Proton freezer shipped to China

◆ Characteristics and strengths

- This technology minimizes drip amount at the time of freezing, and recovers to a state close to before freezing (freezing)
- Storable in a state of 92 to 98 given that a state immediately before freezing is at a freshness level of 100 (freezing)
- Technology which can “reduce distance and time while keeping freshness” (freezing)
- Reduces food drips, eliminating uneven quality, and preventing deterioration of color and flavor
- The device embedded with the technology can be realized “by anyone, in any place and at any time”

Freezing when many seasonal vegetables are harvested (departure from impoverishment of farmers because of a bumper harvest, adjustments for shortages). Loss of food is minimized by semi-permanently preserving while keeping freshness of food (improvement in labor environment, reduction in running costs). Food additives which are contained to extend expiration dates are also unnecessary (health promotion). This is profitable to all of producers, processors, restaurants and consumers, and is our unique technology including “reproducibility” and “continuity.”

We will focus on “enhancement in cost value” for familiarization in the future. A plan to install a central kitchen in Okinawa is also under way.



**Delicious, reasonably priced, reliable and safe!
This is the freezing technology for the next generation.**

INDEX

Classification by municipal government

Company name	Address	TEL	
● Nara-shi			
AKASHIYA Co., Ltd.	78-1, Minamishin-machi, Nara-shi, Nara 630-8016, Japan	+81-742-33-6181	01
ATOUN Inc.	Sakyo 6-5-2, Nara-shi, Nara 631-0801, Japan	+81-742-71-1878	03
Kimioka Ironworks K.K.	780 Iu-cho, Nara-shi, Nara 632-0245, Japan	+81-743-82-0666	19
Yutani Corporation	5-4-8 Saikujō-cho, Nara-shi, Nara 630-8453, Japan	+81-742-61-1815	47
Ryoho Freeze Systems Co., Ltd.	6-3-10 Omiya-cho, Nara-shi, Nara 630-8115, Japan	+81-742-36-9056	51
● Yamatotakada-shi			
Iidzka Seisakusho Co., Ltd.	493 Nenarigaki, Yamatotakada-shi, Nara 635-0051, Japan	+81-745-22-3515	11
Naniwa Rubber Co., Ltd.	2-6-1 Soone, Yamatotakada-shi, Nara 635-0055, Japan	+81-745-52-5681	21
Nishigaki Socks Co., Ltd.	61 Otani, Yamatotakada-shi, Nara 635-0076, Japan	+81-745-52-0088	27
Sanko Seiki Co., Ltd.	7-13 Higashimikurado-cho, Yamatotakada-shi, Nara 635-0034, Japan	+81-745-52-0025	35
● Yamatokoriyama-shi			
Iwasaki Industry Inc.	1216-5 Nukatabe Kita-machi, Yamatokoriyama-shi, Nara 639-1037, Japan	+81-743-56-1311	15
SAKAI WIRE CO., LTD.	97-3 Imago-cho, Yamatokoriyama-shi, Nara 639-1031, Japan	+81-743-56-8888	31
● Kashihara-shi			
DIA PHARMACEUTICAL CO., LTD.	515 Jobonji-cho, Kashihara-shi, Nara 634-0803, Japan	+81-744-21-5577	09
Nanto Seed Co., Ltd.	2-6-4 Minamiyagi-cho, Kashihara-shi, Nara 634-0077, Japan	+81-744-22-3351	25
Sanwa Starch Co., Ltd.	594 Unate-cho, Kashihara-shi, Nara 634-0834, Japan	+81-744-22-5531	37
● Sakurai-shi			
KAWATATEC CORP.	48-1 Hashimoto, Sakurai-shi, Nara 633-0047, Japan	+81-744-45-0360	17
Nara Seiko Inc.	3681 Obu, Sakurai-shi, Nara 633-0101, Japan	+81-744-48-8511	23
RIKEN KEIKI NARA MFG. Co., Ltd.	49-1, Abe, Sakurai-shi, Nara 633-0054, Japan	+81-744-43-0051	49
● Gojo-shi			
Ishii-Bussan, Inc.	458 Yatsukawa, Nishiyoshino-cho, Gojo-shi, Nara 638-0657, Japan	+81-747-34-0518	13
● Ikoma-shi			
Chikumeido Sabun	6439-3 Takayama-cho, Ikoma-shi, Nara 630-0101, Japan	+81-743-78-0034	07
SKK Corporation	1786-1 Kitatahara-cho, Ikoma-shi, Nara 630-0142, Japan	+81-743-79-3033	41
● Heguri-cho			
Separator System Industry Co., Ltd	2-7-7 Kasugaoka, Heguri-cho, Ikoma-gun, Nara 636-0915, Japan	+81-745-65-5500	39
Toyo Screen Kogyo Co., Ltd.	2-10-6, Kozen, Ikaruga-cho, Ikoma-gun, Nara 636-0103, Japan	+81-745-70-1711	43
● Kashiba-shi			
A&S SYSTEM Co., LTD.	3138 Anamushi, Kashiba-shi, Nara 639-0252, Japan	+81-745-78-3501	05
Nihon Denshi Seiki Co., Ltd.	46-1 Ryofukuji, Kashiba-shi, Nara 639-0235, Japan	+81-745-77-6951	29
● Katsuragi-shi			
Yoshikawakuni Plastics Co., Ltd.	646-2 Kamori, Katsuragi-shi, Nara 639-0271, Japan	+81-745-77-3223	45
● Kanmaki-cho			
SAKAGAWA Inc.	3439-16 Kanmaki, Kanmaki-cho, Kitakatsuragi-gun Nara 639-0214, Japan	+81-745-76-8835	33

Classification by industry sector

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Ishii-Bussan, Inc.	Foods	13
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Nihon Denshi Seiki Co., Ltd.	Precision machinery	29
Iwasaki Industry Inc.	Plastic products	15
Naniwa Rubber Co., Ltd.	Plastic products	21
Yoshikawakuni Plastics Co., Ltd.	Plastic products	45
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AKASHIYA Co., Ltd.	Traditional crafts	01
Chikumeido Sabun	Traditional crafts	07
ATOON Inc.	Other manufacturing	03
SAKAGAWA Inc.	Other manufacturing	33
Separator System Industry Co., Ltd	Other manufacturing	39
Nanto Seed Co., Ltd.	Other manufacturing	25



The Public Utility Foundation for Nara Prefecture Regional Industrial Development

129-1 Kashiwagi-cho, Nara-shi, Nara 630-8031

TEL: +81-742-36-8312

Yorozu Support Centers

129-1 Kashiwagi-cho, Nara-shi, Nara 630-8031

(C/O The Public Utility Foundation for Nara Prefecture Regional Industrial Development)

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Yorozu Support Centers, Satellite Office in Front of Kintetsu Nara Station

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