## Corporate Profile

Dedication to quality since 1907 2006



During fiscal year 2005, the two major business lines of TEISEN Group --- the Disaster Prevention and Risk Management Business, and the Fiber and Textile Business --- continued to grow in tandem with the ongoing recovery of the Japanese economy.

The Disaster Prevention and Risk Management Business has been developing in line with increasing threats to public safety such as the frequent occurrence of large-scale disasters and accidents, the growing probability of an earthquake taking place beneath Tokyo Metropolitan area and the continuous threat of a possible terrorist attack. Initiatives for "disaster prevention" and "minimization of damage" are being taken not only at the central or local government levels, but also by private corporations and even by households. Above all, in the area of fire fighting and rescue, the increasing necessity for disaster prevention and personal protection has resulted in the enhancement of Emergency Fire Response Teams and the creation of Special High-Level Rescue Teams, equipped with sophisticated rescue equipment and Haz-Mat vehicles. Furthermore, the recent revision of the Petroleum Complex Disaster Prevention Act will lead to the mandatory introduction by oil refineries of large-capacity water supply and foam spray systems.

Regarding the Fiber and Textile Business, where our focus is centered on linen and advanced fibers, Chinese products have been overwhelming the global linen market due to the availability of low-cost processing, spinning, weaving, dyeing and sewing capacity in that country. As linen continues to attract our consumers as a superior natural textile, and as demand for its

finished products is steadily spreading in our country, we have been outsourcing selected parts of our supply chain to China in order to maintain our competitiveness without compromising quality. In the meantime, demand for advanced fibers for applications such as protective suits is growing consistently among private corporations, including utilities and petrochemical industries, in addition to the continuous demand coming from our public sector customers.

Reflecting these broader movements, although Teisen's overall turnover and net income for fiscal year 2005 showed some decrease compared to the exceptional performance of the previous year, revenue from sales of rescue equipment, protective suits and linen-related products increased steadily. The financial position of our Company was further strengthened by additions from cash flow generated during the past 12 months. As a result, Teisen's net worth ratio increased to 56% in fiscal year 2005, while maintaining ROE of 13%.

Without doubt these results should be attributed to our valued customers, namely, the users of our products, as well as to our supportive overseas partners, with whom we are closely connected with mutual trust. I would like to express our sincere appreciation towards them for their continuing patronage and kind support. We will continue to do our best in the forthcoming year of 2007, in which our company will celebrate its Centenary, to establish further strong corporate structure and solid management foundation.

March 2006

## To contribute to a safer society and a higher standard of living 社会の安全、生活文化の向上に貢献する企業を目指して

#### TOP MANAGEMENT MESSAGE

Tokiaki Iida President and CEO 帝国繊維株式会社 取締役社長 飯田時章 - Jokiaki Tida.



平素は格別のご高配を賜り、厚く御礼申し上げます。 2006年版の「Corporate Profile」をお届けするにあたり、一言ご挨拶申 し上げます。

当期におけるわが国経済は、個人消費と企業の設備投資がともに 増加し、輸出も引き続き好調に推移するなど、景気拡大に向けて緩や かな回復が続いています。

また、当社グループの二大事業分野である「防災・危機管理事業」と 「麻・機能繊維を中心とする繊維事業」は、引き続きマーケットを拡げつ つあります。

防災事業分野におきましては、世界的規模で多発する大規模自然災害、国際的なテロ・ゲリラの頻発など社会的なリスクが広がるなかで、わが国では、その発生周期を迎えつつあるマグニチュード8クラスの海溝型の巨大地震と大都市を襲うマグニチュード7クラスの首都直下型地震など、懸念される大地震に備えて、国・地方公共団体はもとより、会社・工場・家庭をも巻き込んで、「防災」「減災」への取組みが本格化しています。特に、消防分野では、緊急消防援助隊の増強をはじめ、高度救助資機材・ハズマット車を装備する特別高度救助隊の創設のほか、石油コンビナートにおける大容量泡放射システムの設置が義務付けられるなど、高度消防・救急救助・国民保護体制の整備に向けて、防災事業の果たす社会的重要性がこれまで以上に高まっています。

繊維事業分野、就中麻(リネン)事業分野におきましては、中国品が その生産量とコストの安さで世界市場を席巻、原料加工・紡績・製織・ 染色・縫製の中国シフトが加速しています。わが国では、優れた天然 繊維素材である麻の人気は引き続き高く、良質な麻二次製品に対する 底固い需要は広く消費者に浸透しつつあります。また、電力、石油化 学など、危険物・有害物質を扱う作業現場などの安全・防護に力を発 揮する高機能繊維へのニーズも着実に拡がっています。

こうした中、防災部門では、緊急消防援助隊の増強など消防本部の対応能力向上に向けて、一般・高度救助用資機材のほか、防火衣など消防用被服が順調に売上げを伸ばしたほか、繊維部門でも、アパレルメーカー向け麻織物のほか麻原料・麻二次製品など麻関連の売上げが伸び、官公庁向け資材の更新需要なども順調に推移しました。また、財務面では、収益の好調持続で積みあがったキャッシュフローを活用し、不良・不稼動資産在庫等の整理や有利子負債の圧縮を進め、財務体質は飛躍的に改善され、自己資本も順調に積み上がって参りました。当期の決算は、前年の著増した売上げの反動で減収減益とはなりましたが、売上・利益水準とも相応な業績を挙げることが出来、自己資本比率は56%を超え、ROEも13%台を確保することが出来ました。

これもひとえに、日頃当社製品をご愛顧頂いているユーザーの皆様と優れた製品を提供いただいている海外パートナー各社のご支援の賜物であり、改めて厚く御礼申し上げる次第です。当社は、来るべき2007年に創立100周年に迎えます。一層強靭な企業体質と確固たる経営基盤の確立を目指して取組んで参ります。引き続きよろしくご支援を賜りますようお願い申し上げます。

The year 2005 celebrated the 98th anniversary of Teikoku Sen-I Co., Ltd. (TEISEN) since its inception. Its origin dates back to July 1907, when its father company named "Nihon Seima Co., Ltd." was reformed into TEISEN as the first linen textile business in Japan. As such, the history of TEISEN symbolizes the history of Japan's linen spinning business.

Prior to its inception, in line with the then government's policy to encourage new industries, three linen spinning companies were established at the beginning of the Meiji era. One of them was founded by Old Mr. Zenjiro Yasuda, who had been engaged in the creation of a financial conglomerate. In 1903, Mr. Yasuda, merged those three companies into Nihon Seima. In the same year, Japan's first ever domestic fire hose, made of linen, was produced by this newly established company. The guiding precept of Nihon Seima ---- "our company shall contribute to the enhancement of culture and play a leading role in the development of peace industries in Japan." ---- has passed down to become the basis of TEISEN's present corporate mission.

TEISEN has since consistently contributed to the economic growth of Japan throughout the nation's prosperous periods of Meiji, Taisho and Showa eras, carrying out its production

solely utilizing domestically available industrial materials. At its peak the annual production volume of its linen products had reached the level that would outstrip the aggregate production volume of all of Europe as at to date.

In 1950 after the World War II, TEISEN became the only target in the fiber and textile industry for the dissolution of conglomerates 創業者 安田善次郎

Founder Zenjiro Yasuda

under the "Economic Decentralization Act". Since then, TEISEN had to go through a period of hardships, due to drastic decline in demand for linen as industrial material in the wake of the shift of demand from natural fiber to synthetic fiber.

As a result, however, of the successful diversification of its business fields over the recent years, TEISEN has reestablished the corporate foundation. As always have been the case, TEISEN will continue to carry out their corporate mission;that is "to contribute to a safer society and a higher standard of living"

## A Century of Service to Contribute to a Safer Society and a Higher Standard of Living

HISTORY OF COMPANY FORMATION TEIKOKU SEN-I CO., LTD.

#### 創業物語



当社創業の歴史は、日本の製麻事業の歴史そのものと言えます。明治のはじめに殖産振興の一環として政府の熱心な働きかけにより、機械紡績による製麻事業が立ち上げられ、三社の製麻会社が設立されました。その一社が安田善次郎翁を創業者とする当社の前身であり、金融事業を核としていた翁にとって当社の創業は、製造事業への初の進出でありました。

日清戦争勃発以降の好不況繰り返しの中で、この事業の持つ国策的 重要性を痛感した安田善次郎翁は、大倉喜八郎氏らと各社の合併 を提唱、明治三六年「日本製麻株式会社」が設立されました。

その年同社では国産第一号となる消防用ホースを試織しています。 その後、明治四十年七月当社の前身である新会社「帝国製麻株式会社」が設立され、わが国に初めて産業としての麻繊維事業が確立しました。

#### 創業時の計訓

「當会社の事業は文化の向上に資し平和産業興隆の一翼をなすものである。これに従事するものは、深くその責任と栄誉を自覚しなければならない」は、現在の当社経営の基本理念に受け継がれています。

その後の「帝国製麻」は、明治・大正・昭和の国運隆盛期を通じて、唯一国産の産業資材の自給を果たすなど、一貫して広く国家的貢献を果たし、最盛期には、現在の全欧を凌駕する生産量を誇るまでになりました。戦後、昭和二十五年には「過度経済力集中排除法」の適用を受け、繊維業界で唯一財閥企業解体の対象となり分割されました。その後は、繊維産業の素材転換(天然繊維から化合繊へ)、産業資材としての麻素材への需要激減などから苦難の歴史を歩むこととなりました。

現在の帝国繊維は、ようやくここ数年の努力が実り、社会的使命をき ちんと果しうる事業基盤が築かれてきました。創業時から受け継が れた「社会の安全、生活文化の向上に貢献する企業」を基本理念と し、これからも、

- 一、麻素材を活かした消費者向け製品の開発や、高機能繊維の用 途開発など付加価値の高い繊維事業
- 二、消火·救助·救急·危険物処理など、生命財産を守り安全に備える専門性の高い防災総合事業
- の確立を目指して社会や公共に大きく貢献してまいります。

#### DISASTER PREVENTION AND PREPAREDNESS BUSINESS (防災事業)

Imported goods are marked with an asterisk(\*

#### Fire Fighting Equipment and Systems 消防用装備品・システム

#### page 5 | Fire Hoses

Fire Fighting Hose Large Diameter Hose Fire Hydrant Hose

#### **Fire Fighting Systems**

- High Pressure Extinguishing System
- Compressed Air Foam System
- Large Volume Water Supply & Discharge System

#### Search and Rescue Equipment 救助·探査用装備品

#### **Rescue Equipment**

- Hydraulic Rescue Tool
- Chain Saw & Diamond Chain Saw
- Air Lifting Bag Water-Jet Cutting Device Earthquake Early Warning System

#### **8** Search Equipment

- \* Victim Location System
- \* Thermal Imager

#### Anti-NBC Terrorism & Hazmat NBC・ハズマット装備品

#### page 8 Detection

- \* Detector (Nuclear/Biological/Chemical)
- Meteorological Station/NBC Dispersion Model

### page 9 | Protection

- Self-Contained Breathing Apparatus
- Chemical Protective Suits

#### page 9 Decontamination

\* Decontamination Shower/System

#### Other Equipment

Recovery Pump

#### Information Technology Systems 情報通信システム

Satellite Communication System Other IT Systems

#### Rescue and Special Purpose Vehicles 救助工作車等特殊車輌

#### page 10 Rescue Vehicles

Rescue Vehicle (Type II) Search & Rescue Vehicle (Type III) Rescue Support Vehicle Police Light Vehicle

#### page 11 | Special Purpose Vehicles

Air Crash Tender Remote-Controlled Water Canon Vehicle All Ground Vehicle Large Volume Water Supply System Vehicle NBC & HazMat Vehicle Container Vehicles

#### FIBER & TEXTILE BUSINESS (繊維事業)

Manufacturing & Importing

#### Linen & Ramie Products 麻製品

page 12

**Textiles** Yarn, Fabric, Home Linen Products, Uniform,

Work Wear, Tent etc.

#### Uniforms & Advanced Textiles 制服·作業服·機能繊維製品

page 14

Textiles Yarn, Fabric, Uniform, Work Wear

**NOMEX®** Heat Resistant Uniform & Protective Clothing,

Fire Hose etc.

Protective Clothing, Gloves etc. **KEVLAR®** 

Electy® Antistatic Workwear & Cleanroom Garments,

Fire Hose etc.

#### Industrial Materials & Others 産業資材・その他

page 15

Industrial Textile Materials Truck Hood, Tent etc.

NOMEX®, KEVLAR®:DuPont registered Trademarks

#### **ISO 9001**

TEISEN has obtained the first ISO9001 certifications of fire fighting hoses in Japan, and is conducting its entire business, including design, development, manufacturing and maintenance service, under the ISO quality control standard.

ISO9001 certifications have also been obtained for rescue vehicles and advanced textile products as well as rescue equipment and systems. TEISEN provides high quality service, maintenance and repair of imported products at its ISO-certified factories.

当社は、日本で最初に消防用ホースのISO9001の認証を取得し、設計・ 開発から製造・アフターサービスにわたる全業務をISOの品質管理基

準の下に行っております。 防災車輌、機能繊維製品 の製造や資機材・機器に ついても同様にISO9001 の認証を得ており、当社 が輸入した製品の受け入 れ・メンテナンス・修理等 についても、この認証取 得工場で質の高いサービ





### Protecting safe and secure life of the people

安全・安心な暮らしを守る

OUR MAIN BUSINESS

## DISASTER PREVENTION AND **PREPAREDNESS** BUSINESS

(防災事業)

## Fire Fighting Equipment and Systems (消防用装備品・システム)

Fire Fighting

(消的 州表加語・システム)
Fire Fighting Hose
Large Diameter Hose
Fire Hydrant Hose
High Pressure Extinguishing System
Compressed Air Foam System
Large Volume Water Supply & Discharge System

## Search and Rescue Equipment (救助・探査用装備品)

Rescue Equipment Hydraulic Rescue Tool
Chain Saw & Diamond Chain Saw
Air Lifting Bag
Search Equipment Victim Location System
Thermal Imager

## Anti-NBC Terrorism & Hazmat (NBC・ハズマット装備品)

**Decontamination** Decontamination **Other Equipment** Recovery Pump

#### **Information Technology Systems**

----(情報通信システム)

Satellite Communication System
Other IT Systems

#### Rescue and Special Purpose Vehicles (教助工作車等特殊車輌) Rescue Vehicles

Rescue Vehicles

Concerning disaster prevention operations in our country, the social concern is on the rise in the area of disaster prevention and crisis management. That includes preparedness for terrorism and specific disasters, in addition to largescale natural disasters such as earthquakes, floods, tsunami and also largescale industrial disasters such as fires at petrochemical complexes and factories. The government as well as public bodies have also reinforced measures and policies to prevent disasters. The role of disaster prevention activities "protecting safe and secure life of the people" and "protecting properties" has become more and more important.

In order to respond to such demand of our times, our group is striving to establish comprehensive and highly specialized business for disaster and crisis management. We will enhance our traditional activities involving fire fighting, rescue and emergency care. At the same time, we will focus on intensifying, enhancing and expanding comprehensive and highly specialized disaster and crisis management business that can respond to upgraded equipment, hazardous material handling, crisis management, etc., to protect against increasingly complex and large-scale disasters and social risks.



防災事業の分野では、地震・洪水・津波などの大規模自然災害、石油コンビナート・工 場火災などの大規模な企業災害のほか、テロなど特殊災害への対応など、防災・危機 管理に対する社会の関心はますます高まりつつあり、国や公共団体などの施策も強化 されてきています。「安全・安心な暮らしを守る」「生命・財産の安全を守る」防災事業の 役割はますます重要になってきています。

こうした時代の要請に応えるため、当社グループといたしましては、総合的で専門性の 高い防災・危機管理事業の確立に向けて努力しています。消火・救助・救急にかかわ る従来からの事業を磨き上げると共に、複雑化し、大規模化する災害や社会的リスクに そなえ、危険物処理、危機管理など装備や運用の高度化に対応できる総合的で専門性 の高い防災・危機管理事業の深化・充実・拡大に注力して参ります。







## **Fire Fighting Equipment and Systems**

(消防用装備品・システム)

## ■ Fire Hoses (消防ホース)



#### Large Diameter Hose (大量送水用大口径ホース)

TEISEN offers large-diameter hoses with a diameter of up to 300mm. The elastic polyurethane coated hoses minimize the pressure loss, while covered fire hoses are free of maintenance.

300ミリまでの大口径ホースは最も圧力損失の少ないウレタン樹脂引きです。 両面樹脂引きタイプはメンテナンスフリーです。





#### Fire Hydrant Hose (消火栓用ホース)

TEISEN building hose is the top brand of a hydrant hose. Semi-rigid hoses of a maximum of 40 mm in diameter ensure little pressure loss and compact storage.

キンパイビルホースは消火栓ホースのトップブランドです。 40ミリまでの保形ホースは低圧損で、コンパクトに収納することができます。



## ■ Fire Fighting Systems (消防用システム)

#### CAFS retro fit type

#### Compressed Air Foam System (圧縮空気泡消火装置)

CAFS is the new fire-extinguishing technology which enables to produce fine foam and reduce the amount of water damage, while extending the throw range by mixing compressed air with foam solution.

CAFSはホース内で混合した水・泡剤・ 圧縮空気を放水ノズルから放射するこ とにより良質な細かい泡と大射程が得 られ、水損を軽減できる次世代の消火 方法です。



Back pack CAFS



5bar Foam:5bar(従来型)

#### High Pressure Extinguishing System(高圧消火装置)

The UHP250 of MINIMAX is ultra-high pressure and fogging extinguishing equipment.

It is effective not only for initial fires but for fires in closed spaces, such as an automobile fires and an underground fires. MINIMAX社のUHP250は超高圧、少量噴霧の消火装置です。初期火災や自動車火災、地下火災など閉鎖空間での火災に威力を発揮します。



#### Large Volume Water Supply & Discharge System (大量送水・放水システム)

The vehicles equipped with Long Distance Large Volume Water Supply Systems (HYDROSUB SYSTEMS) supply a large volume of water as much as 11,000~22,000 liters per minute from the sea, lake or river that is not accessible by traditional fire-engines. A single set of system using a large diameter hose (150~300m/m) will be able to serve disaster scenes such as earthquake, forest fire, oil tank fire or eruption fire that require large volume of water for fire extinguishing or cooling. These vehicles have already been delivered to Tokyo Fire Department, etc., and are actively deployed in large-scale disasters, etc, as mobile water supply. They are also deployed to drain flood or supply potable water.

遠距離大量送水システム車=ハイドロサブシステム車=は、震災、林野火災、石油タンク火災、噴火災害など大量の消火用水や冷却用水を必要とする遠距離(2000m以上)の災害現場へ、大容量の水を送ることができます。僅か1セットのシステムで従来の消防車では接近困難な海水、湖水、河川等の水源から大口径ホース(150mm~300mm)を使用して、毎分11,000~22,000Lの送水が可能です。既に東京消防庁等に納入し、移動式水源として大規模災害等に出動し活躍しています。

また、水害時の排水活動や発災後の避難民の飲料水や生活用水の給水活動にも貢献しています。



Hydrosub pump unit 大量送水システム・ポンプユニット



Hose recovery unit 大量送水システム・ホース回収車



## **Search and Rescue Equipment**

(救助・探査用装備品)

## ■ Rescue Equipment (救助用資機材)

#### **Hvdraulic Rescue Tool** (油圧救助器具)

Hydraulic rescue tools made by Lukas in Germany are widely used in Japan not only by rescue squads of fire departments but also by the police and armed forces. ドイツのルーカス社製油圧救助器 具は日本の消防救助隊のみなら ず、警察・防衛庁にも広く採用さ れています。



#### Air Lifting Bag (エアーバッグ)

VETTER RESCUE AIR JACK (MIGHTY BAG) is an air jack system to safely rescue people by removing heavy obstacles that interfere rescue activities in various disaster scenes and is deployed by rescues teams of firefighting organizations, police and Self Defense Force of our country, playing an important role in rescuing human life. VETTER'S MIGHTY BAG is employed by firefighting organizations, police and rescue teams of more than 80 countries and is known as the rescue tool for its past performances and reliability.

フェッター・空気式救助マット・マイティバッグは、各種災害現場で 救出、救助活動を妨げている重量障害物を移動排除し、要救 助者を安全に救出できる"エアージャッキ"システムです。我が

国の消防、警察、自衛隊の救助隊では 必携装備品として各地の災害救助に出 動し、人命救助に貢献しています。

また、フェッターの"マイティバッグ"は世界 80ヶ国以上の消防や警察の救助隊が採 用し、信頼と実績を有する救助器具です。



#### **Chain Saw & Diamond Chain Saw** (チェーンソー/ダイヤモンドチェーンソー)

Bullet Chain Saw made by Edge Industries in USA is designed to cut lumber in which nails are driven. When combined with a small water-cooled pump, the diamond chain saw can easily cut even a reinforced concrete.

ブレットチェーンソーは特殊加工したカーバイドチップ を使用しており、木造建築に含まれる釘などの金属の 切断も可能です。ダイヤモンドチェーンソーは、鉄筋入 りコンクリートも簡単に切断できます。



#### **Water-Jet Cutting Device** (ウオータージェットカッター)



Earthquake Early Warning System (早期地震警報システム)



## ■ Search Equipment (探査用資機材)

Thermal Imager (熱画像カメラ)







## **Anti-NBC Terrorism & Hazmat**

(NBC・ハズマット装備品)

TEISEN has been introducing NBC and other latest HazMat equipment from overseas with a focus on three main areas; - detection, protection and decontamination. テイセンはテロ災害を含むNBC関連の特殊災害にも対応、検知・防護・除染の3分野における最新の資機材を先進各国から導入しています。

## ■ Detection (検知用資機材)

## Chemical Analyzer (化学剤分析器)



Biological Detector (生物剤検知器)



Chemical and Biological Analyzer (化学·生物剤分析器)



Chemical Detector (化学剤検知器)





Meteorological Station/ NBC Dispersion Model (気象ステーション、NBCシミュレーションソフト)





## ■ Protection (防護用資機材)

#### Self-Contained Breathing Apparatus (自給式空気呼吸器)



**Chemical Protective Suits** (化学防護服)



Protective Mask with Multi Canister (マルチ吸収缶付き防毒マスク)



NBC Shelter and Filter (NBCシェルター・フィルター装置)





## ■ Decontamination (除染用資機材)

## Decontamination Shower/System (除染シャワー/テント除染装置)



Decontamination Device (除染装置)



## **■ Other Equipment**

(その他資機材)

## Recovery Pump



## Information Technology Systems

#### (情報通信システム)

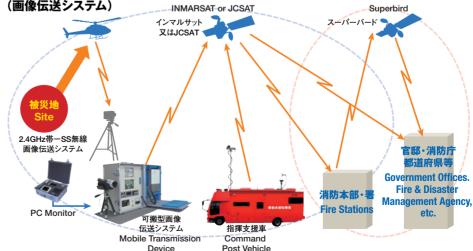
TEISEN introduces IT devices, such as breathing aparatus with IT system manufactured by Scott Health & Safety, chemical search engine and satellite communication system into fire departments.

The market of the fire -rescue equipment with IT system has been growing.

テイセンはIT化された空気呼吸器や化 学薬品検索システムのほか、衛星通信ネットワークシステムの消防本部への導入 を開始しています。

IT化された消防機器は新たな市場を創成します。

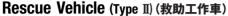
## Satellite Communication System (画像伝送システム) INMARSAT-or



## **Rescue and Special Purpose Vehicles**

(救助工作車等特殊車輌)

## ■ Rescue Vehicles (救助工作車)



TEISEN's rescue vehicles are equipped with the best rescue tools from all over the world, including a device such as the winch made by Rotzler in Germany, a hydraulic system driven by PTO to operate high-pressure fire extinguishing equipment made by Minimax in Germany, and rescue tools made by Lukas and so on.

TEISEN is manufacturing support vehicles, power supply/lighting vehicles, air charging vehicles and rescue vehicles for the police as well as the above-mentioned rescue vehicles.

テイセンの救助工作車には世界中から選りすぐった 救助器具が積載されています。具体的には、ドイツ・ロッツラー社の ウインチや、ドイツ・ミニマックス社の高圧消火装置のほかルーカス社のレスキューツー ルを車輌のPTO動力で作動させる油圧発生装置も備えています。テイセンは救助工作 車のほかに支援車、電源照明車、空気充填車、警察用工作車等も製造しています。

















Police Light Vehicle (警察用照明車)

## ■ Special Purpose Vehicles (特殊車輌)

#### Air Crash Tender (空港用化学消防車)

There has been a continuous need for enhancement of fire fighting facilities at the airports in the wake of opening of new airports and increased demand for air transports. TEISEN represents Rosenbauer International A.G. in Austria who is one of the leading fire engine manufacturers in the world. More than 20 units of its

rapid intervention vehicles called "Panther" are in service in Japan.

新空港の相次ぐ開港と航空需要の増加に応じ、空港の消 防体制の充実が求められています。テイセンは世界有数の 消防車輌メーカーであるオーストリア・ローゼンバウアー イン ターナショナル社の国内総代理店を務め、同社の高性能 空港用化学消防車"パンター"の国内における納入実績は 既に20台を超えています。



**Remote-Controlled Water Canon Vehicle** (無人走行放水車)



**All Ground Vehicle** (多目的不整地走行車)



**Large Volume Water Supply System Vehicle** (大量送水システム車)





Container Vehicle (各種コンテナ車)





6月の北フランス、ノルマンディーに広がるリネン畑の花景色

## A Comfortable Life with High Quality Linen

高品質なリネンのある快適生活

OUR MAIN BUSINESS

## FIBER & TEXTILE BUSINESS

(繊維事業)

Yarn, Fabric, **Home Linen Products.** Uniform, Work Wear. Tent etc.

Uniforms & Advanced Textiles (制服・作業服・機能繊維)

Yarn, Fabric, Uniform, Work Wear Heat Resistant Uniform & Protective Clothing,

ctive Clothing, Gloves etc. atic Workwear & Cleanroom Garments

Industrial Materials & Others (産業資材・その他)
Industrial Textile Materials Truck Hood, Tent etc.
NOMEX®, KEVLAR®:DuPont registered Trademarks

TEISEN, now approaching its centenary year, has played an important role as the pioneer of the linen industry in Japan. TEISEN introduced linen, nature's strongest fiber, from Europe, and started its fiber business in Hokkaido, a cold district in northern Japan. The history of Japan's linen industry may be regarded as the history of TEISEN.

We have devoted ourselves to the promotion of linen and to supplying a wide variety of linen products, hoping that the comfort and excellence of high-quality linen will be appreciated by all. One example is TEISEN's "Home Linen" which includes a complete range of linen products for the home, from dining room to kitchen, bathroom to bedroom, people will be able to experience the luxury of high-quality linen.



Champs de Lin

まもなく創業100年を迎えるテイセンは、日本の麻産業の発展にパイオニア的役割を果た してきました。自然界で最も強靭な繊維である亜麻(リネン)を欧州より導入し、寒冷の 地 北海道に国策的産業として亜麻繊維事業をスタートさせました。

日本のリネン産業の歴史はテイセンの歴史ともいえます。我々は、高品質なリネンの心地 よさ、素晴らしさを全ての方に知って頂きたく、その普及に全力で取組むとともに、その様々 な製品を供給しております。その一つがここにご紹介するダイニングからキッチン・バス・ベッド ルームに至るまで、数々のリネン製品による質の高い生活を実感できるホームリネンなのです。







## Linen & Ramie Products (麻製品)



Photograph:Courtesy of Nothern Ireland Tourist Board & T.Ferguson Irish Linen





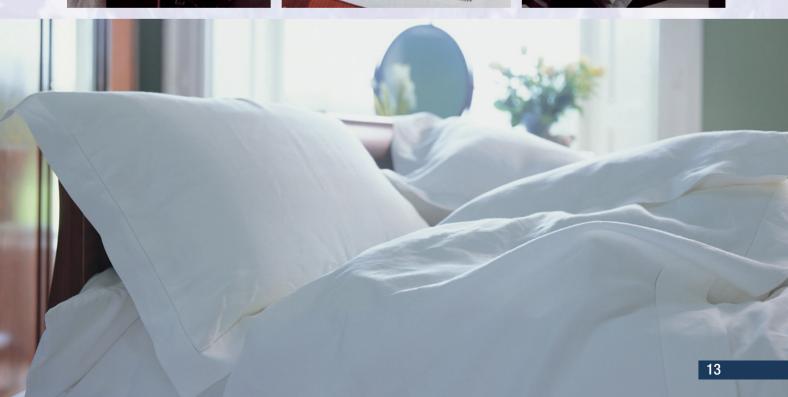












## **Uniforms & Advanced Textiles**

(制服・作業服・機能繊維)

From the beginning of the 20<sup>th</sup> century, TEISEN has supplied uniforms to the armed forces, police, fire departments, other government organizations and municipal offices. TEISEN has consolidated its footing in the field of special uniform made of advanced fibers and industrial materials. Working in a partnership with DuPont that spans over 30 years, TEISEN has developed the aramid fiber business and used Nomex® and Kevlar® fibers and other technologies to further expand this market.

NOMEX® and KEVLAR® are DuPont registered trademarks.

20世紀初頭から、防衛庁・警察・消防など官公庁向けユニフォーム納入では大きな実績を収めています。

また、機能繊維を素材とした特殊ユニフォーム分野及び産業資材用途の開発でも、市場での確固たる地位を築いてまいりました。

30年に及ぶデュポン社とのパートナーシップでノーメックス®及びケブラー®のアラミド事業の展開をはかり、さらにノーメックスオメガ®システムなどの最新テクノロジーを使用した商品開発を積極的に進めています。

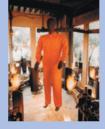
●ノーメックス®、ノーメックスオメガ®、ケブラー®はデュポン社の登録商標です。

To evaluate and demonstrate the thermal protection provided by NOMEX®, DuPont tests firefighters' uniforms and industrial workwear on THERMO-MAN®, a life-size mannequin, equipped with 122 thermal sensors, which assesses the performance of garments under realistic flash fire conditions (temperatures up to 1000°C). The sensors record temperature rise on the surface of the mannequin wearing a NOMEX® protective garment. A computer calculates the predicted percentage of second and third -degree burns that a human body wearing that clothing would incur.

ノーメックス®の熱防護性能を評価し論証するために、デュポン社では、122個の熱センサーをそなえた等身大のマネキンであるサーモマン®で、消防用防護服や産業用作業服をテストします。

サーモマン®により、実際のフラッシュファイアーの状態 (最高で1000°C)での防護服の性能を評価することができます。 熱センサーは、ノーメックス®製の防護服を着せたマネキンの表面の温度上昇を測定します。

そしてコンピューターが、実際に人間がその防護服を着用していた場合負うであろうと 予想される二度火傷と三度火傷の割合を計算します。









Rescue uniforms 救助服 Turnout gear 防火服 Station uniforms 活動服 Cleanroom garments 無塵服 General purpose uniforms 各種制服



## **Industrial Materials & Others**

(産業資材・その他)

With the emergence of advanced textiles, the product market using advanced textiles in industrial applications has been expanding on a large scale. Textiles that have characteristics such as heat resistance, flame resistance, high tenacity and anti-static qualities are also essential in the area of industrial materials and parts for the manufacture of personal protective equipment. They contribute greatly to improving health and safety in the working environment and to enhancing quality and stability of industrial products. TEISEN will continue to respond to the needs of its customers in all these fields by selecting and combining advanced textiles to create functional and practical products.

高機能繊維の登場により、産業用途における繊維製 品のニーズは拡大を続けています。耐熱、防炎、高 強力、制電性等の特性を持った繊維は熱や炎などか ら人体を守るほか、工業資材や部品分野においても 必要不可欠なものとして、作業環境の改善や安全性 を高め、工業製品の品質向上、安定に大きく貢献し

弊社が提供する製品は各分野の要望に応えるため、 各種素材の選択、複合により実用機能を発揮してい

#### ■ Industrial Textile Materials (産業資材)

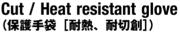
**Material for** P.C.B.production (プリント基板関連材料)



**Material for speaker components** (スピーカー部品材料)













# TEIKOKU SEN-I CO., LTD. CORPORATE DATA

SALES NETWORK

CORPORATE DATA

ORGANIZATIONAL CHART

CONSOLIDATED BALANCE SHEET

CONSOLIDATED PROFIT AND LOSS ACCOUNT

CONSOLIDATED STATEMENTS OF CASH FLOWS

FINANCIAL HIGHLIGHTS

MAJOR FOREIGN PARTNERS

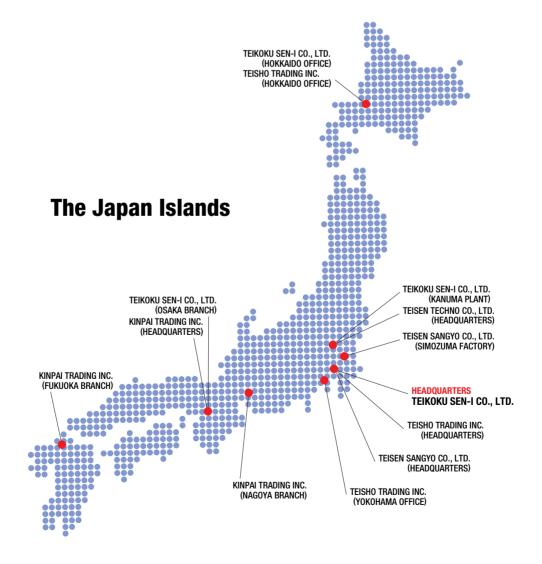
MAJOR CUSTOMERS

#### SALES NETWORK

TEISEN has more than 100 sales agencies which handle disaster prevention products and equipment all over Japan.

Two wholly-owned subsidiaries, TEISHO Trading Inc. and KINPAI Trading Inc., manage the sales agencies. In addition, TEISEN has its own marketing department to directly promote business to government organizations.

100社を超える特約店の販売ネットワークにより、日本全国で販売できる体制が整っています。 特約店の販売活動は、100%子会社2社を通じ、より効率的に行われています。また、中央官庁 に対するプロモーションは、本社の販促部隊が直接行っております。



#### CORPORATE DATA

President & CEO: Tokiaki lida

**Head Office :** 5-13, Nihonbashi 2-Chome, Chuo-Ku, Tokyo, Japan **E-mail :** teisen-tyo@teisen.co.jp **URL :** http://www.teisen.co.jp

· Osaka Branch: 2-6, Nonaka-kita 2-Chome, Yodogawa-Ku, Osaka

• Hokkaido Office : 1-1-1, kita Nanajo Higashi, Higashi-ku,

Sapporo-Shi, Hokkaido

· Kanuma Plant: 197, Fudokoro-honcho, Kanuma-Shi, Tochigi-Ken

Established: July, 1907

Paid-in capital: ¥1,347,420,000

Fiscal period: January 1 to December 31

Number of Employees: 263 (Consolidated basis)

Subsidiaries: 4

Main Shareholders: Sompo Japan Insurance Inc.

Mizuho Corporate Bank., Ltd.

Meiji Yasuda Life Insurance Company

Marubeni Corporation

Listed: The first section of Tokyo Stock Exchange

代表者:取締役社長 飯田 時章

本 社:東京都中央区日本橋2-5-13

 $TEL \ 03\text{-}3281\text{-}3026 \quad FAX \ 03\text{-}3274\text{-}6397$ 

E-mail:teisen-tyo@teisen.co.jp URL: http://www.teisen.co.jp

・大阪支店: 大阪市淀川区野中北2-2-6

TEL 06-6396-0530

・北海道営業所:札幌市東区北七条東1-1-1

TEL 011-711-4111

· 鹿沼工場: 栃木県鹿沼市府所本町197

TEL 0289-62-2121

創 立:1907年7月 資本金:¥1,347,420,000 従業員:263名(連結ベース)

子会社:4社

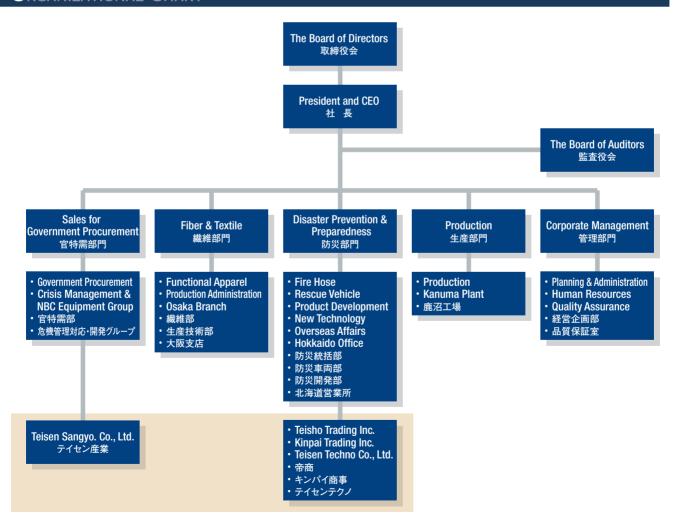
主たる大株主:株式会社損害保険ジャパン

株式会社みずほコーポレート銀行 明治安田生命保険相互会社

丸紅株式会社

上 場:東京証券取引所(第一部)

#### ORGANIZATIONAL CHART



#### CONSOLIDATED BALANCE SHEET

(Millions of yen)

Dec-05

ASSETS	
Current assets	9,699
Cash at bank and in hand	2,549
Accounts and notes receivable	4,293
Inventories	2,664
Other current assets	193
Fixed assets	6,713
Tangible fixed assets	2,747
Property and plant	2,410
Machinery, equipment and vehicle	267
Other fixed assets	70
Intangible fixed assets	120
Investments	3,846
Investments in securities	2,701
Other investments	1,145
TOTAL	16.412

	Dec-05
LIABILITIES	
<b>Current liabilities</b>	5,433
Accounts and notes payable	4,121
Borrowings	688
Other current liabilities	624
Long-term liabilities	1,667
Borrowings	156
Deposits	314
Other long - term liabilities	1,197
TOTAL LIABILITIES	7,100

SHAREHOLDERS' EQUITY	
Share capital	1,347
Capital surplus	722
Retained earnings	6,351
Net unrealized holding gains on securities	1,082
Treasury Stock	-190
TOTAL SHAREHOLDERS' EQUITY	9,312
TOTAL	16,412

Dec-04

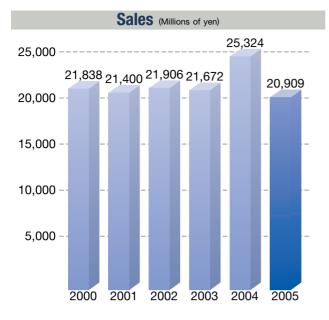
## CONSOLIDATED PROFIT AND LOSS ACCOUNT Dec-03

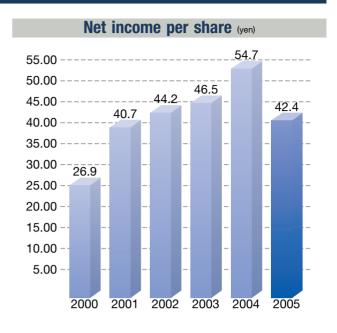
Sales	21,672	25,324	20,909
Cost of sales	16,594	19,164	16,213
Gross profit on sales	5,078	6,160	4,696
Selling, general and administrative expenses	2,819	2,873	2,760
Operating income	2,259	3,287	1,936
Non-operating revenues	71	82	71
Non-operating expenses	74	60	43
Ordinary income	2,256	3,309	1,964
Extraordinary income	1	_	_
Extraordinary losses	70	711	6
Income before taxes	2,187	2,598	1,958
Corporate and inhabitant taxes	913	1,099	800
Net income	1.274	1.499	1.158

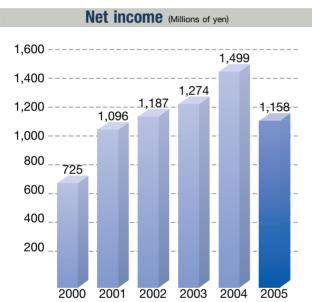
#### CONSOLIDATED STATEMENTS OF CASH FLOWS

	Dec-05
Cash flows from operating activities	
Cash generated from operation	2,948
Income taxes paid	-1,216
Interest paid	-24
Others	55
Net cash provided by operating activities	1,763
Cash flows from investing activities	
Purchase of property, plant and equipment	-87
Disbursements for property, plant and equipment	-216
Others	37
Net cash used in investing activities	-266
Cash flows from financing activities	
Proceeds of long-term borrowings	200
Repayment of long-term borrowings	-142
Others	-227
Net cash used in financing activities	-169
Net increase in cash	1,328
Cash at beginning of year	1,221
Cash at end of year	2,549

#### FINANCIAL HIGHLIGHTS

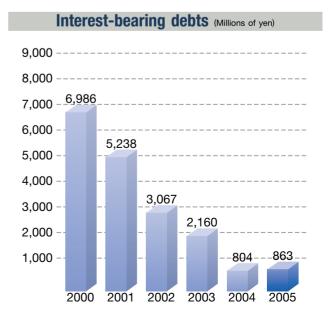












#### Major Foreign Partners

#### **Disaster Prevention and Preparedness Business**

- · AB Precision (Poole) Ltd (U.K.)
- · ABS Consulting (U.S.A.)
- · Ahura Corporation (U.S.A.)
- · Airshore International (Canada)
- · Alexeter Technologies LLC (U.S.A.)
- · Alfred Karcher GmbH & Co. (Germany)
- · CMS Field Products (U.S.A.)
- · Coastal Environmental Systems, Inc. (U.S.A.)
- · Cold Cut Systems AB (Sweden)
- · Dr.Lange GmbH & Co.KG (Germany)
- · Edge Industries Inc. (U.S.A.)
- · Elam El Industries Ltd. (Israel)
- · Euramco Safety Inc. (U.S.A.)
- · Exit Technologies (U.S.A.)
- · Firematic International (U.S.A.)
- · GIAT Industries (France)
- · Grace Industries, Inc. (U.S.A.)
- · Hale Products Europe Ltd. (U.K.)
- · Hannay Reels, Inc. (U.S.A.)

- · Hytrans Systems BV (Netherlands)
- · Inficon Inc. (U.S.A.)
- · Lukas Hydraulik GmbH & Co. KG (Germany)
- · Max Widenmann KG (Germany)
- · Minimax GmbH (Germany)
- · Mustang Survival Corp. (Canada)
- · Paul Boyé (France)
- · Rosenbauer International A.G. (Austria)
- · Rotzler GmbH & Co. (Germany)
- · Scott Health & Safety Ltd. (U.K.)
- · Search Systems Incorporated (U.S.A.)
- · Svenska SKUM AB (Sweden)
- · Synodys Group (France)
- TEMET OY (Finland)
- · Tetracore Inc. (U.S.A.)
- · Thales Industrial Services (France)
- · TIPSA (Spain)
- · Underwater Kinetics (U.S.A.)
- · Vetter GmbH (Germany)

etc.

#### **Fiber and Textile Business**

- · Dong Yang Textile Mfg. Co., Ltd. (Korea)
- · Ibena Textilwerke Beckmann GmbH (Germany)
- · E.I. DuPont (U.S.A.)
- · Harbin Linen Group Co., Ltd. (P.R.C.)
- · Herdmans Ltd. (U.K.)
- · Hunan Textiles Imp. & Exp. Corp. (P.R.C.)
- · Lainiere de Picardie (France)
- · Lenzing Aktiengesellschaft (Austria)
- · LINAS (Lithuania)
- · Linificio E Canapificio Nazionale S.P.A. (Italy)
- · NV LIBECO · LAGAE S.A. (Belgium)
- · Procotex SA Corporation NV (Belgium)

- · Royal Ten Cate nv (Netherlands)
- · Safilin (France)
- · SANECO (France)
- · Shanghai Eswell Enterprise Co., Ltd. (P.R.C.)
- · Soshu Ohashi Magyo Co., Ltd. (P.R.C.)
- · Texlen Linen, a.s. (Czech Republic)
- · Thomas Ferguson & Co., Ltd. (U.K.)
- · Tyrone Crystal Ltd. (U.K.)
- · Ulster Weavers Ltd. (U.K.)
- $\cdot$  William Ross & Co. Limited (U.K.)
- $\cdot$  Zhejiang Golden Eagle (Group) Ltd. (P.R.C.) etc.

\*In alphabetical order

#### Major Customers

#### **Government and Related Institutions**

- · Defense Agency
- · Fire and Disaster Management Agency
- · Japan Coast Guard
- · Ministry of Justice
- · Ministry of Land, Infrastructure and Transport
- · National Police Agency
- · Postal Services Agency etc.

## Prefectural Governments and Related Institutions

- Metropolitan Police Department and all other prefectural Police Departments
- Tokyo Fire Department and all other municipal Fire Departments
- Tokyo Metropolitan Government and all other local Pref. Government & Municipalities etc.

#### **Private Companies**

- · Honda Motor Co., Ltd.
- · Idemitsu Kosan Co.,Ltd.
- · Japan Railway group
- · JFE Holding Inc.
- · Matsushita Electric Group
- · Marubeni Corporation
- · Mitsubishi Heavy Industries, Ltd.
- · Mitsui Fudosan Co., Ltd.
- · Nippon Steel Corporation
- · Nippon Telegraph and Telephone Corp.
- · Nissan Motor Co.,Ltd.
- · Sharp Corporation
- · Taisei Corporation
- The Tokyo Electric Power Co., Inc. and other electric power companies
- · Toyota Motor Corp. etc.



**TEIKOKU SEN-I CO., LTD.** 5-13, Nihonbashi 2-Chome, Chuo-ku, Tokyo, Japan TEL: 81-3-3281-3026 FAX: 81-3-3274-6397 E-mail: teisen-tyo@teisen.co.jp URL: www.teisen.co.jp

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〒103-0027 東京都中央区日本橋2丁目5番13号 TEL: 03-3281-3026 FAX: 03-3274-6397