

# new products bulletin



INDUSTRIAL AND TRADE ENQUIRIES DIVISION

DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE  
OTTAWA  
CANADA

This bulletin is published monthly as a complimentary service to promote additional manufacturing in Canada. Information on offers included in the bulletin is for circulation to established or prospective Canadian manufacturers only. No responsibility is assumed for claims or statements made. Address enquiries concerning the following items to:

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Tower B, Place de Ville, Ottawa 4, Ontario K1A 0H5  
Tel: 992-4441, Area Code 613

BULLETIN 185

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## Mobile Residence

Item 2403

Belgian firm seeks Canadian licensee to manufacture and market its mobile residence. Built of glass fiber reinforced polyester, on the industrial principle of modular elements, its outstanding feature is the possible addition of three double bedrooms. On a camping site, only a few minutes are needed to install these added bedrooms. A modular section of the caravan wall is raised to form the roof, another one is lowered for the floor, support props are placed, and the sides installed. These sides are either of padded tent canvas which unfold automatically with the roof and floor or of rigid polyester like the caravan. Literature available.

## Hydraulic Excavators, Loaders and Cranes

Item 2404

European firms, through their U.S. agent, are seeking licensing arrangements with Canadian firms to manufacture and market their lines of hydraulic excavators and loaders, mobile cranes and climbing cranes. The hydraulic excavators and loaders are of medium size, with engines ranging from 32 HP to 164 HP. One unit is claimed to easily handle gradients up to 100%. The climbing cranes have a folding two-piece boom which can be used as a conventional crane or as a trolley boom, adjustable under load to provide up to 66 feet additional lift height. The self-propelled mobile cranes have motors ranging to 49 HP. Literature available. See illustration.

## Drive Axles, Shovel Loaders

Item 2405

Italian firm is seeking licensing arrangements with Canadian firms to manufacture and market its drive axles suitable for construction machinery as well as its all-wheel-drive articulated shovel loaders. The drive axles are equipped with planetary hub reduction and are suitable for mobile cranes, excavating machines, dumpers, shovel loaders, snowblowers, etc. Licensor will furnish design and technical know-how. Literature available.

## Trailer Axle Assembly

Item 2406

Dutch firm, through its U.S. agent, offers under license the Canadian production rights and the North and South America marketing rights for its patented trailer axle assembly. The unique self-steering tandem-bogie design ensures that the trailer wheels automatically follow the same curve as that of the tractor at all times. A device incorporated into the trailer coupling is claimed to make jack-knifing impossible and to prevent skidding. Literature available. See illustration.

**Pneumatic and Hydraulic Cylinders****Item 2407**

American company offers under license the Canadian manufacturing and marketing rights to its line of pneumatic and hydraulic cylinders and related fluid power products for automated machinery. This equipment, which is used in the tool, food, machine, chemical, rubber, auto and other major industries, is claimed to combine superior workmanship with highest quality materials. Licensee should be a manufacturer with special technical knowledge in machining, welding, assembling, painting and mechanical engineering. Literature available. See illustration.

**Electroplated Aluminum in Continuous Coils****Item 2408**

American firm offers Canadian production and marketing rights for its new process for the continuous electroplating of aluminum strip or wire. The aluminum so plated is used as a substitute for copper and brass in electrical applications. The claimed advantages of aluminum include its low comparative weight, its anti-corrosion properties and its greater stability at joinings. In addition, plated aluminum can easily be cold-welded to bare aluminum. Literature available.

**Sporting and Recreational Device****Item 2409**

Canadian inventor is seeking a licensing arrangement with a Canadian manufacturer to produce and market his skimmer for use on surf, snow, wet sand or grass. The board is made of fiberglass – reinforced plastic filled with foam. The unit is six feet long and weighs less than four pounds. It is manoeuvred in the same manner as conventional surfboards and is claimed to attain speeds of up to 40 m.p.h. A piece of frictional stripping along the flat top helps the rider maintain balance. Literature available. See illustration.

**Sawmill Equipment****Item 2410**

American company offers under license the Canadian production and marketing rights to its line of sawmill equipment. Offer covers all equipment required for a complete sawmill, such as carriages, log conveyors, bar turners, log stops, edgers and trimmers, log handling decks and auxiliary equipment. Literature available. See illustration.

**Chemical Building Preservatives****Item 2411**

Austrian firm offers under license the Canadian production and marketing rights for several of its chemical building preservatives. These products include concrete additives; sprayable form oils for heated form tables, slide shutterings, etc; a plastic one-part cartridge mastic and a thiokol-based two-part synthetic material. Concrete additives provide waterproofing, plasticizing, air entraining, set accelerating and retarding, etc. Literature available.

**Sulfur—removal process****Item 2412**

Czechoslovakian state licensing agency offers the Canadian production and marketing rights to a method of removal of sulphur compounds from sulphur – containing petroleum fractions. The desulphurization is done by percolation through a column of an adsorbent on which the desulphurizing liquid is retained. The process is applicable to light distillates up to and including jet fuels. It is claimed to be particularly advantageous to remove odours from specialty solvents. Literature available.

**Knocked Down Chair****Item 2413**

Canadian inventor offers under license the Canadian production and marketing rights for his knocked down wooden chair. The chair is made of plywood, or wood and plywood, and string and can be assembled by the user without fasteners. String, canvas or leather seat and back surfaces may be attached during manufacture or supplied by the manufacturer for assembly by the customer. In the knocked-down form the chair can be packaged in a 2'x2'x3" carton. Literature available. See illustration.

**Baby Transporter****Item 2414**

American company is seeking a licensing arrangement with a Canadian firm to manufacture and market its plastic baby transporter. This device is easily converted from stroller to carseat and vice versa. The two-wheeled stroller-carseat is convenient inasmuch as it eliminates the task of swapping the baby between stroller and carseat, folding and loading the stroller, and strapping and unstrapping the baby. Literature available. See illustration.

**Wet Strength Waste Paper Recovery****Item 2415**

Dutch firm offers under license the Canadian production and marketing rights to its method for the regeneration of wet strength waste paper, as well as its method for the manufacture of paper from the material obtained. In the regeneration of waste water – resistant paper, the invention provides a method by which a favourable digestion of the water – resistant paper is accomplished with a minimum of corrosion of equipment and deterioration of fibre. This method involves the use of an acidic agent, one acid reacting group and at least one group having anti-corrosive properties. Literature available.

**Metal Detector****Item 2416**

Canadian inventor offers the Canadian production and marketing rights for his metal particle detection device. The purpose of this device is to supply a positive indication of component failure in any enclosed gearcase, differential or hydraulic system before permanent damage is caused to the rest of the system. The device can be applied to any enclosed component running in oil or grease. In operation, metal particles are attracted to a hollow magnet which is equipped with an insulated probe extending through its center. When metal particles bridge the gap between the magnet and probe, they complete a ground circuit to a warning light on the operating panel. Literature available.

**Method of Protecting Lumber from Termites****Item 2417**

Hawaiian inventor offers under license the Canadian production and worldwide marketing rights to its method of protecting lumber from termites. This method comprises immersion of the lumber in an aqueous sodium chloride solution containing one grain of sodium chloride per each 2.8cc of water for seven days. Licensee will be provided with technical information and use of patent rights. Literature available.

The following products and processes are offered for manufacture in Canada by Licensintorg, the Soviet state licensing organization. Interested Canadian manufacturers wishing to consider the production of any of these items should contact: V/O "LICENSINTORG", 31 Kakhovka Street, Moscow, M-461, U.S.S.R.

Apparatus for Continuous Crystallization Purification of Materials and Growing Monocrystals in Vacuum

Appareil de purification continue par cristallisation des matières et des monocristaux sous vide

Automated Production of Precision Investment Castings

Moulage de précision automatisé à la cire perdue

Buchholz Float Relay, Type PT 43-66

Relais Buchholz à flotteur type PT 43-66

Device for Suppressing the Noise of Spinning and Twisting Frames

Dispositif pour supprimer le bruit des métiers à filer et des bobineuses

Edge-Reading Electrical Switchboard Meters with Light Index

Compteurs à indicateur lumineux pour les salles de commandes des centrales électriques

Fast-Hardening Portland Cement

Ciment Portland à prise rapide

Instrument for Establishing Lateral Intestinal Anastomosis in the Newborn and Infants

Instrument pour former des anastomoses intestinales latérales chez les nouveau-nés et les bébés

Machine-Tools Antivibration OV-31 Supports

Supports anti-vibratoires OV-31 pour machines-outils

Method of Automatic Hardsurfacing Valves for Internal Combustion Engines. Automatic Machine for Realization of the Said Method	Revêtement antiabrasif de soupapes de moteurs à combustion interne Machine automatique pour réaliser ce procédé
Nabla-Type Metal Stay for 220 to 750 kv Power Lines	Support métallique à haubanage type Nabla pour lignes de transport de l'électricité de 220 à 750 kv
New Method of Fabrication of Hollow Metal Wares with External Polyhedral Projection	Fabrication de pièces en métal creux avec saillies polyédriques
Plastic Composition AT for Type	Plastique AT
Plug-and-Socket Connector with Forced Contact Pressing After Joining	Fiche de raccordement à pression
X-20. Pointer Instruments with Universal Measuring Mechanisms	X-20. Appareils à aiguille à élément de mesure universel
Pulse Water Throwers	Ejecteur-pulseur d'eau
Sabirov Roller for Bending Sheet-Metal	Laminoir Sabirov à cintrer les tôles
Short-Circuit Protective Device for D.C. Transmission Lines	Détecteur de court-circuit dans les lignes de transmission de courant continu
Solder for Brazing and Braze Welding of Cast Iron	Soudure pour brasage de fonte
Straightway Valves of Improved Leaktightness	Vannes à passage direct et à herméticité améliorée
Welding Wire	Fil pour soudure

**ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:**

Canadian Patents and Development Limited,  
275 Slater Street,  
Ottawa 4, Ontario.

**Titration Apparatus for Evaluating Surface Charges of Minerals**

**Case 4350**

An automated potentiometric titrating apparatus especially designed for evaluating surface charges of minerals. Unlike conventional automatic titrators which titrate to an end-point on a continuous basis, titrants are added at intervals and before further additions are made, the reaction among the mineral, the titrant and the solution has to come to an equilibrium. With the knowledge of surface electric charges made available with this instrument, appropriate reagents can be chosen to up-grade and beneficiate minerals.

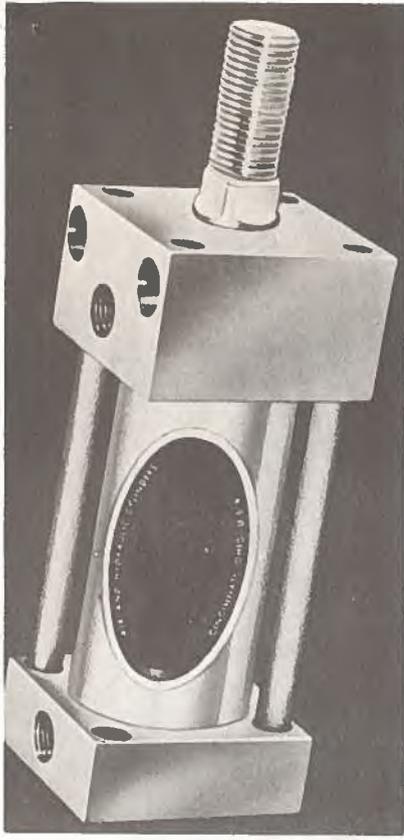
**Corrugated Fibre-Board Containers**

**Case 4567**

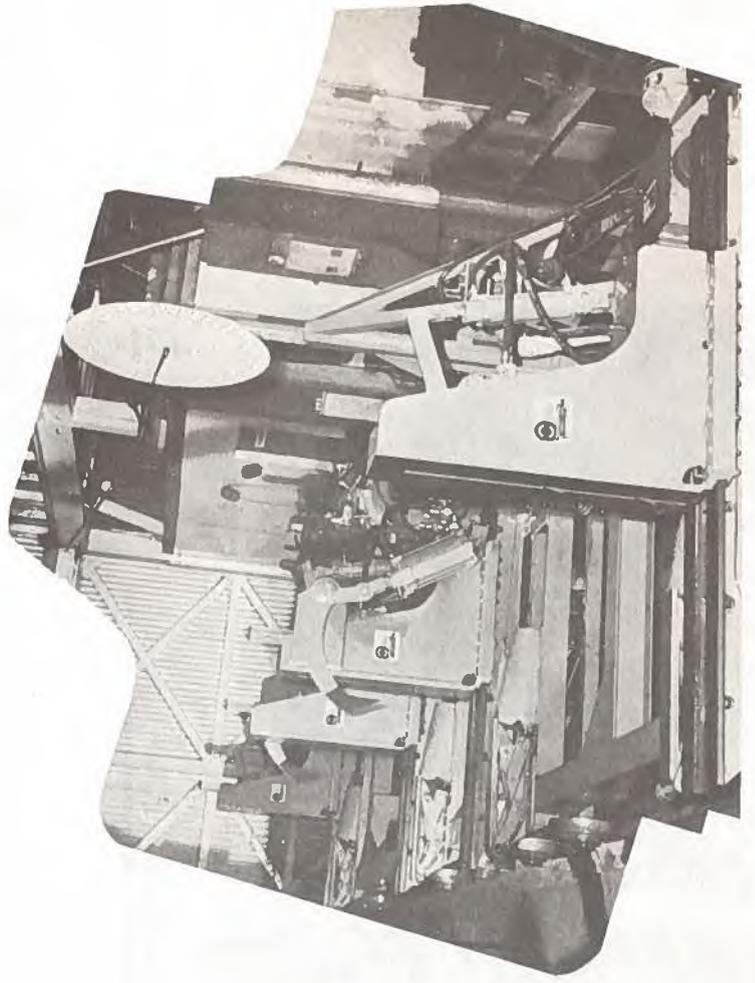
A shipping container which incorporates special side flanges and corner construction for added protection of items such as furniture.



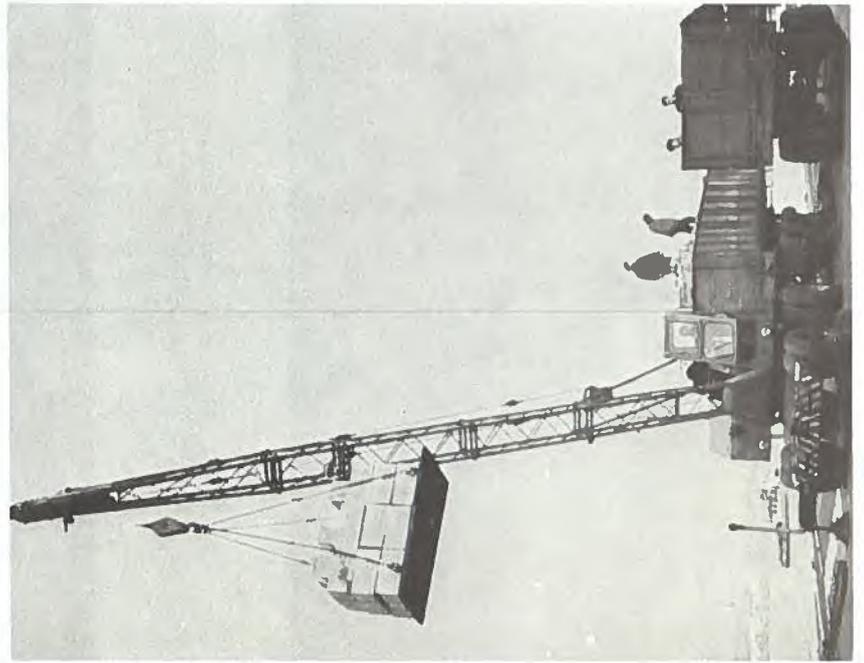
Item 2413 — Knocked Down Chair  
Article 2413 — Chaise démontable



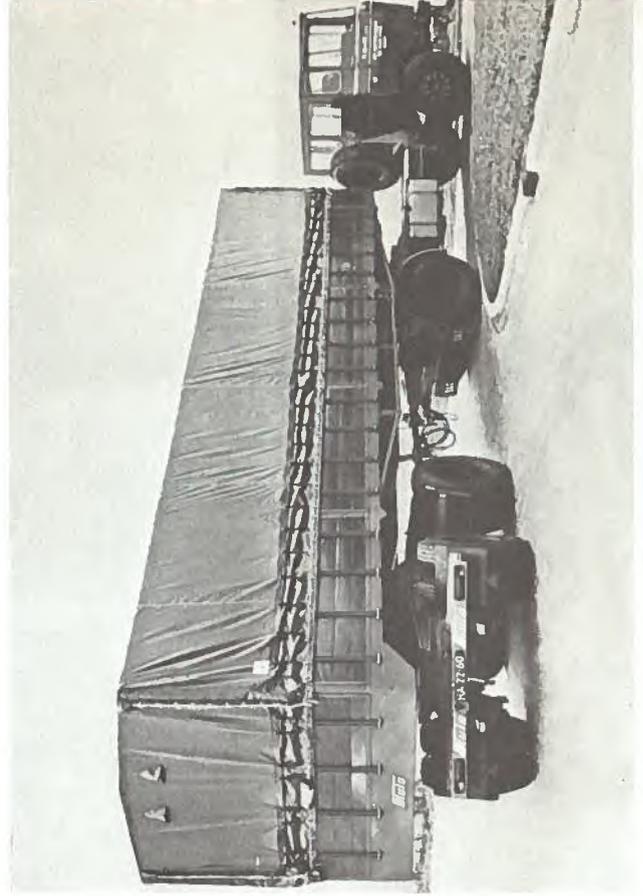
Item 2407 — Pneumatic and Hydraulic Cylinders  
Article 2407 — Cylindres pneumatiques et hydrauliques



Item 2410 — Sawmill Equipment



Item 2404 — Hydraulic Excavators, Loaders and Cranes  
Article 2404 — Excavateurs, chargeuses et grues hydrauliques



Item 2406 — Trailer Axle Assembly  
Article 2406 — Système d'essieu pour remorque

