

new products bulletin

INDUSTRIAL AND TRADE
ENQUIRIES DIVISION

DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE
OTTAWA



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:

**K.E. Hacker, Industrial and Trade Enquiries Division, Department of Industry, Trade and Commerce,
Tower B, Place de Ville, Ottawa 4, Ontario.
TEL: 992-4441, Area Code 613**

BULLETIN 178

SEPTEMBER, 1970

Plastic Window Frames

Item 2290

German firm offers under license the Canadian manufacturing and marketing rights to its patented plastic window frames. The frames are manufactured in one mould, the advantage being that the cavities contained in the frame can functionally serve to house rods for "pivot and tilt" fixing systems. They are superior to wooden frames inasmuch as they do not warp, thus preventing drafts and jamming, and they do not require maintenance such as painting. The frames are claimed to be hygienic, termite-resistant and easily installed all year round. They are not affected by weather, sea-water, base acids or rotting. The licensor will provide technical information. Literature available. See illustration.

Portable Dryer

Item 2291

American firm offers under license the Canadian manufacturing rights and the Canadian and American marketing rights, and the possibility of world-wide marketing rights, for a portable, non-vented electric clothes dryer which operates on 110V - 60C AC. It is claimed that the dryer has a larger capacity than similar units currently available and offers the consumer greater efficiency at lower operating costs. The licensor will provide technical know-how, drawings, technicians. Literature available.

Electric Motor

Item 2292

Austrian inventor offers for sale the Canadian patent rights, including worldwide marketing rights, for his electric motor with a built-in braking mechanism. This new electric motor for up-to-date automation comprises a combined standard and brake motor with no axial shaft shifting. The brake torque is easily adjustable by an external screw. It is claimed that, by using the inventor's manufacturing process, construction size IEC 80/4 poled, 1.1 H.P. motors can be produced with the following savings: 60% working time, 10% dynamo sheet metal, 10% dynamo wire, 40% insulation material. The unit is both a standard drive motor and a brake motor for use with programmed controls, conveyor belts, cranes, etc. Literature available. See illustration.

Encapsulation Process

Item 2293

American firm offers a licensing arrangement for the Canadian production and marketing rights of its special patented encapsulation process with wide application in the adhesive, agricultural, chemical, food products, detergent, paint, cosmetic, pharmaceutical and other industries. It is claimed that the major advantages of this process include the separation of reacting materials; reduction of volatility; and sustained, delayed or controlled release of contents. Literature available.

Air Cushion Lift Pad**Item 2294**

American Government agency offers a manufacturing license to a Canadian firm to produce and market its air cushion lift pad. The pad has a plenum chamber defined by an enclosing side wall skirt and an upper wall converging downwards to form an inverted truncated cone. Should the pad tilt, the vertical lift force is lowered on the high side and raised on the low side with the result that the torque created stabilizes the pad. It is claimed that flutter, vibration, heaving and pitching are eliminated. Literature available.

Thermosetting Plastics Material Powder**Item 2295**

Austrian inventor offers a licensing arrangement for the Canadian manufacture of one-component thermosetting plastics material powder. It is claimed this novel process of manufacturing synthetic resin powder results in a reaction chemism which produces thermosetting resin powders having physical, chemical and thermal properties which were not attainable previously. These novel thermosetting plastics material powders can be processed with the same convenience as thermo-plastics. They are absolutely free of solvent and, as a result, no bubbles are formed even when the material is cured at high speed. The material is claimed to offer excellent resistance to moisture, acids, alkalies and solvents. It provides corrosion protection and is weather resistant. Literature available.

Motor System for Multiple Toy Train Operation**Item 2296**

Hungarian state licensing agency offers under license the Canadian production and marketing rights for its synchronous motor driven multiple toy train system. It is designed as a remote control synchronous electronic motor system that permits as many as five locomotives, with trains attached, to be driven at various selected speeds, in the same or different directions, completely independent one from the others. The main advantages claimed by the licensor are that this system maintains consistent speed levels and allows easy track switching and reverse operations. The licensor will provide technical know-how, drawings and technicians if required. Marketing rights outside Canada are subject to negotiation. Literature available. See illustration.

Self-Contained Burglar Alarm Unit**Item 2297**

American firm offers a licensing arrangement for the Canadian manufacturing and marketing rights for its newly developed, low cost, compact, self-contained burglar alarm unit designed for use on any window. It is claimed that its major features are that it cannot be controlled from the outside, thus preventing tampering; can be easily installed in minutes; works on open or closed windows; and has no outside wiring. The unit can be battery or AC/DC operated. Literature available. See illustration.

Liquid Filter Plant**Item 2298**

Hungarian state trading agency offers a licensing arrangement for the Canadian production and marketing rights, and the possibility of additional marketing rights, for its liquid filter plant. The filter is a gravitation-operated water clarifier of horizontal flow with a static sand bed. The filter column is clarified by recirculation and regeneration. It is claimed that this equipment is ideally suited for producing potable water as well as for supplying industrial plants with water of high quality. Literature available. See illustration.

Industrial Furnaces**Item 2299**

Hungarian state agency offers for sale, or under a licensing arrangement, the Canadian production and marketing rights, with the possibility of additional marketing rights, for its system of producing industrial furnaces. It is claimed that this system makes it possible for easier and faster construction of industrial furnaces by reducing the design work and using prefabricated units. The units are composed of 4 groups, namely, wall units, furnace armature units, pipe units and furnace control. Each unit is designed to allow for easy conversion or replacement. Literature available.

Carbonation Additive**Item 2300**

American inventor offers the Canadian manufacturing rights and a choice of the domestic or worldwide marketing rights for his carbonation additive which is formulated for "locking" carbonation into beverages. This product is claimed to enhance the flavour of carbonated beverages since the effervescence is released in the consumer's mouth; to retain substantially higher levels of effervescence in beverages which are left standing after the containers have been opened; to prevent pressure build-up which can cause explosions in thin walled non-returnable bottles; to eliminate foaming during the bottling or canning process. Literature available.

Plastic Toys, Games and Wall Plaques**Item 2301**

British firm offers a licensing arrangement for the Canadian manufacturing and marketing rights for its line of plastic toys, games and wall plaques. An interested Canadian company should have the necessary technical expertise and factory capability. The licensor will provide tools and moulds; technical information; technicians on loan if required; drawings, etc. Literature available. See illustration.

Alternating Fluid Ring Heat Exchanger**Item 2302**

French inventor is offering a Canadian manufacturer the production and marketing rights for his alternating fluid ring heat exchanger. The principle of this invention is based on the flowing of the fluids in opposite directions in alternating ring-like jets. This invention provides the following advantages: the coefficients of transfer between the two fluids are very high, with a resultant decrease in the operating costs through low pressure losses and an appreciable reduction in the forming of scale. This appliance is made of welded monobloc and is absolutely leak-proof with no joints or detachable parts. According to the inventor, this appliance is an excellent substitute for the standard multitubular exchangers in a growing number of uses. Interested firms should have good contacts in the food, chemical, heating and refrigeration industries, etc. Literature available. See illustration.

Agricultural Environmental Control Products**Item 2303**

British firm is seeking a licensing arrangement with a Canadian firm to produce and market its line of agricultural environmental control products. It is claimed that these products reduce the environmental germ level in enclosures used for keeping and rearing poultry, livestock and plants. Technical know-how would be provided. Literature available.

Coin-operated Vocation Advisor**Item 2304**

Canadian inventor is offering a licensing arrangement for the Canadian manufacturing and marketing rights to his patented coin-operated vocation advisor. This device is for dispensing printed answers relative to a person's vocation based on information supplied through manipulation of knobs provided for that purpose. It incorporates an answer device which utilizes preprinted information on answer cards stored in rolled form within the device and a movable printing means for imprinting a variety of information on the card. A means for shearing card material into individual cards and a dispensing device are also included. Literature available.

NEW CANADIAN PATENTS AVAILABLE FOR LICENSING OR SALE

Canadian patent application may be filed in French or English and the subsequent patents or abstracts appear in the language of filing. Please request abstracts of the following patents by number from the Industrial and Trade Enquiries Division, Department of Industry, Trade and Commerce, Ottawa 4, Ontario.

<u>Invention</u>	<u>Patent issued</u>	<u>Patent No.</u>
Lint-Free Medical Applicator	July 21/70	847,008
Fishing Device	July 21/70	847,027

Fuel Injection System	July 21/70	847,108
Compressed-Air Guns or Similar Tools	July 21/70	847,130
Loading and Transport System for Trucks	July 21/70	847,173
Load Suspension Apparatus and Related Methods	July 21/70	847,188
Coupling	July 21/70	847,201
Reversible Lock Guard for Out-Swinging Doors	July 21/70	847,202
Lower Body Construction for Automobiles	July 21/70	847,203
Retractable Camper Body Doorstep	July 21/70	847,204
End Forming Tool for Thermoplastic Tubing	July 21/70	847,227
Method of Forming Plastic Articles	July 21/70	847,231
Process and Device for Glass-Manufacturing	July 21/70	847,244
Cake Mix, Batter, Method of Making a Cake and the Resulting Product	July 21/70	847,285
Thermosetting Hot Melt Vinyl Chloride Copolymer Decorative Coatings	July 21/70	847,431
Photoelectric Card Reader Head	July 21/70	847,530
Wire Bundle Clamp	July 28/70	847,560
Process and Apparatus for the Production of Metallic Objects of Variable Thickness	July 28/70	847,594
Carton Erector Apparatus and Process	July 28/70	847,606
Foldable Partition	July 28/70	847,657
Automatic Door Closure Device	July 28/70	847,740
Pigments and Fillers Prepared from Copper-Converter Slags	July 28/70	847,761
Embossed Glass	July 28/70	847,798
Method of Roasting Fine Granular Sulphide Material in Fluidized Bed Furnaces	July 28/70	847,799
Photography	July 28/70	847,811
Electrolytic Process for Preparing Hydrogen Fluoride	July 28/70	847,878
Low Irradiation of Monomer Impregnated Wood	July 28/70	847,882

Stabilization of Soils	July 28/70	847,884
Frequency Control of Oscillators	July 28/70	848,048
Mechanism for Effecting Angular Orientation of a Machine Toolholder	Aug. 4/70	848,120
Expansion Joint Sealing Element	Aug. 4/70	848,169
Spring Tooth Mounting	Aug. 4/70	848,176
Pressing Machine for Pelletizing Animal Fodder and Other Substances	Aug. 4/70	848,178
Centrifugal Pump of the Free Surface Type	Aug. 4/70	848,183
Railway Car Construction	Aug. 4/70	848,187
Draft-Free Door Arrangement	Aug. 4/70	848,188
Pneumatic All Speed Governor	Aug. 4/70	848,201
Refuelling Aircraft	Aug. 4/70	848,212
Insulated Food and Beverage Container	Aug. 4/70	848,254
Multi-Layer Container	Aug. 4/70	848,256
Continuous Auto-Way for Use in Straight, Curved Elevating and Descending Paths	Aug. 4/70	848,263
Captive Screw Plug	Aug. 4/70	848,270
Ski Device with Demountable Wheels	Aug. 4/70	848,321
Unitized Light Weight Sedan Automobile Body Construction	Aug. 4/70	848,330
Support for Window Cleaning	Aug. 4/70	848,333
Extruding Apparatus	Aug. 4/70	848,345
Continuous Casting Process and Apparatus	Aug. 4/70	848,359
Process for Bonding and Product	Aug. 4/70	848,419
Telemetry System	Aug. 4/70	848,518
Method and Apparatus for Manufacturing Welded Wire Mesh	Aug. 4/70	848,561
Turnpike Turn Signal Timing and Cancelling Assembly	Aug. 4/70	848,587
Modular Electronic Structures	Aug. 4/70	848,626

Structural Elements for Framework	Aug. 11/70	848,661
Stretchable Fabric	Aug. 11/70	848,690
Paper Drying Screen Manufacture	Aug. 11/70	848,718
Therapeutic Pillow	Aug. 11/70	848,752
Apparatus for the Remote Control Displacement of a Tool	Aug. 11/70	848,761
Golf Practice Device	Aug. 11/70	848,824
Racket Frame and the Production Methods	Aug. 11/70	848,826
Method of Desensitizing Fertilizer Grade Ammonium Nitrate and the Product Obtained	Aug. 11/70	848,899
Manufacture of Pressure Hoses	Aug. 11/70	848,942
Laminated Wood Product and Method and Apparatus for Manufacturing Same	Aug. 11/70	848,944
Alkyd Resin-Polymer Blends	Aug. 11/70	849,061
Speech Recognition System Using Delay Lines	Aug. 11/70	849,154
Solid-State Power Line Signal Detector	Aug. 11/70	849,160
Fluid Interface Detector	Aug. 11/70	849,163

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

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

Regenerated Cellulose

Case No. 4416

A process is described for dissolving and regenerating the cellulose of materials such as bleached sulphite pulp, cotton batting, hardwood sawdust, etc. Solution takes place directly at ambient temperatures in an organic solvent containing nitrogen dioxide. Regeneration is effected by contact with water or methyl alcohol.

Stabilized Aromas

Case No. 4457

A sugar-based powder which is stable and odorless when dry, but releases the selected natural aroma when moistened with water or milk, etc. A method of preparation is described.



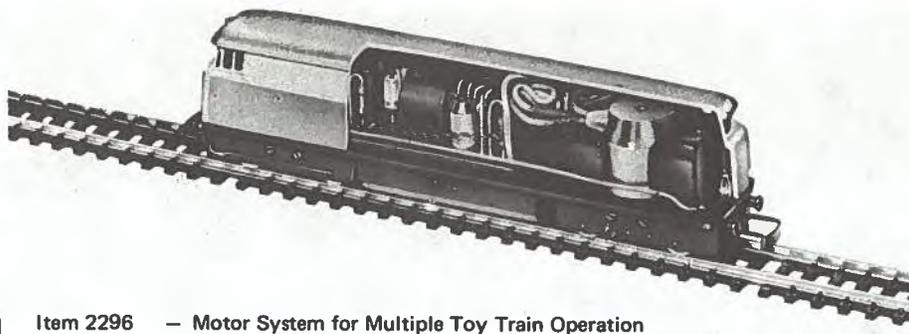
Item 2292 — Electric Motor
Article 2292 — Moteur électrique



Item 2297 — Self-Contained Burglar Alarm Unit
Article 2297 — Dispositif d'alerte contre les cambrioleurs



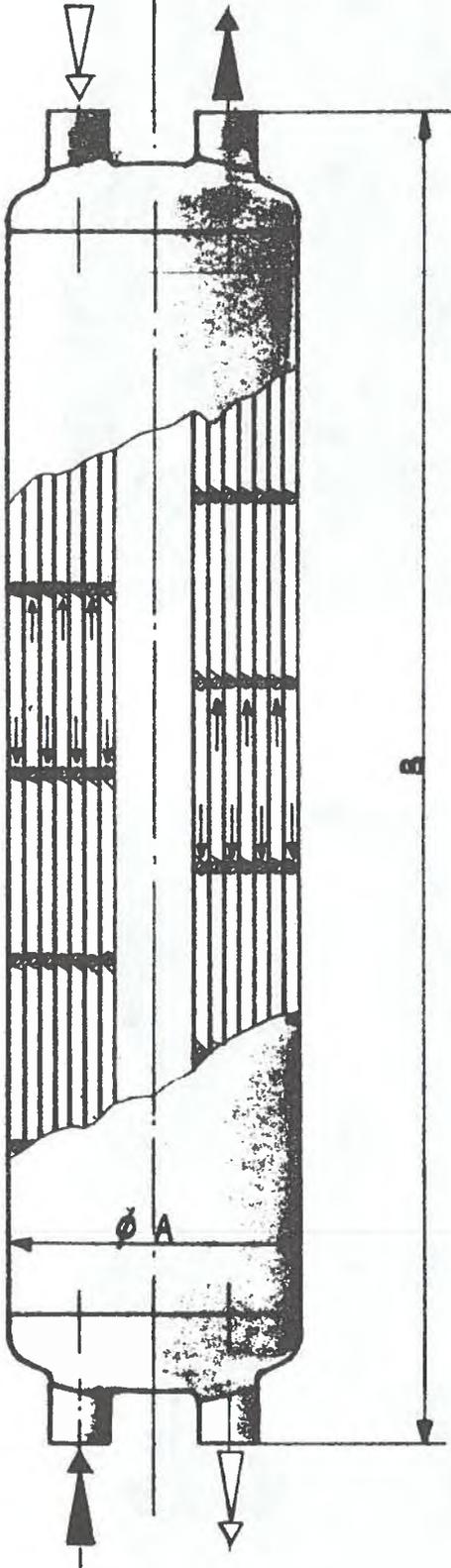
Item 2301 — Plastic Toys, Games and Wall Plaques
Article 2301 — Jouets, jeux et décorations murales en matières plastiques



Item 2296 - Motor System for Multiple Toy Train Operation
 Article 2296 - Système de moteur assurant le fonctionnement varié de trains en miniature



Item 2290 - Plastic Window Frames
 Article 2290 - Cadres de fenêtre en plastique



Item 2298 - Liquid Filter Plant
 Article 2298 - Appareil de filtrage des liquides

Item 2302 - Alternating Fluid Ring Heat Exchanger
 Article 2302 - Echangeur thermique à anneaux fluides alternés