

# 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:

Mr. 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

SCIENCE AND  
TECHNOLOGY CANADA

LIBRARY

AUG 1 8 1996

BIBLIOTHÈQUE  
INDUSTRIE, SCIENCE ET  
TECHNOLOGIE

BULLETIN 175

JUNE, 1970

## Amphibious Vehicles

Item 2237

American firm offers under license the Canadian manufacturing and marketing rights and the possibility of other foreign marketing rights to its line of large tracked and wheeled amphibious vehicles. There are several basic units designed to carry a variety of heavy equipment or personnel, with a ground pressure varying from 1.2 to 1.6 pounds per square inch, making them well-suited for use in marsh lands, peat bogs, swamps, snow or water. Land speeds range from 5 to 15 mph and water speeds 3 to 4 mph. These all-steel welded units are suitable for use in pipeline construction, oil exploration, oil field maintenance, surveying, soil testing, mosquito control, land reclamation and a number of other applications. The licensor will provide technical assistance and drawings. Literature available. See illustration.

## Cryogenic Equipment

Item 2238

British firm offers a licensing arrangement for the Canadian production rights and the North, Central and South American marketing rights for its line of cryogenic storage vessels, couplings and joints. These storage vessels are aluminum dewars designed to provide users of cryogenic liquids with light weight vessels for nitrogen or oxygen. The capacities available are designed to suit users in laboratories, hospitals and industry. Each vessel consists of an inner and outer sphere constructed from welded aluminum spinings. The space between the spheres is super-insulated and evacuated to provide maximum insulation for stored liquids. All vessels feature a special neck tube fitting designed to provide maximum strength. The couplings and joints are designed to provide a vacuum-tight connection between two sections of line transferring cryogenic liquids. Literature available. See illustration.

## Polyethylene Pressure Barrel

Item 2239

Dutch firm is seeking a licensing or joint-venture arrangement with a Canadian firm to produce and market its patented pressure barrels made of polyethylene. These barrels were originally developed as beer containers for the brewing industry but can also be used for other products requiring shipment in pressure barrels, e.g., cider, vinegar, soft drinks, liquid sugar, etc. The advantages claimed for these pressure barrels are that they are non-corrosive, resistant to temperature changes, light weight, free from bacteria breeding, maintain a fixed volume by weight, and can be made in a variety of colours for easy identification. Literature available. See illustration.

**Universal Stretchers and Connectors****Item 2240**

Swiss inventor is seeking a licensing arrangement covering the Canadian manufacturing and marketing rights for his patented universal stretchers and connectors. Both products act as connectors for various types of materials. These two lines of products are based on the same principle – the swivel system. The universal stretchers are designed for use in securing guy wires on board vessels, and for antennas, tents, clotheslines, truck tarpaulins, etc. The solder-free connectors are designed for use in the electrical and electronics industries for fixing or connecting electric wires, cables, conductors, etc., without using screws. Literature available. See illustrations.

**Concrete****Item 2241**

American firm offers a licensing arrangement to a Canadian company to produce and market its patented concrete to which relatively short, small diametered ferrous fibres are added in quantities of about 2.0 volume per cent. It is claimed that this concrete is not significantly affected by fatigue and has a high resistance to “freeze thaw” damage and to thermal and mechanical shock. The principal fields of application are for highway and airport surfaces, canals and flumes, slabs on grade, railroad ties, and special architectural applications. The licensor will provide know-how and technical assistance. Literature available.

**Plastic Veneer for Concrete Products****Item 2242**

German inventor offers for license the Canadian production and North American marketing rights for his patented process for applying plastic veneer to precast concrete products. This process eliminates all finishing work, such as grinding, priming and polishing. The plastic veneer can be used with regular or light-weight concrete and can be formed in any desired shape or size. It is resistant to acids, alkalines and wear. Fields of application include concrete construction elements and formparts for building exteriors, stairways, floors, pipes, sidewalk borderstones, etc. Literature available. See illustration.

**Hopper or Silo Discharge Device****Item 2243**

German inventor offers for license the Canadian production and marketing rights for his patented hopper or silo discharge device that permits a constant free flow of materials such as grain, fertilizer, chemicals, etc., from the bottom of a hopper or silo. The principle involved increases the channels of discharge resulting in a uniform lowering of the materials in the bin. The device can be adapted to any kind of material and therefore has application in mines; salt plants; chemical, building material, feedstock, food and agricultural industries; and transportation and warehousing operations. The licensor will provide technical assistance and drawings. Literature available. See illustration.

**Air Cushion Vehicle****Item 2244**

Canadian inventor offers for sale the Canadian production rights and the North American marketing rights for his design of an air cushion vehicle. This is a 3-passenger air cushion vehicle, capable of skimming over water, land, ice and snow, with a low noise lift fan and thrust propeller, flexible skirt, fiberglass body, and aluminum frame. The propeller and fan are well screened for safety. There is extra built-in buoyancy for added floatation over water, as well as an anti-dive bow. The inventor is offering complete drawings, moulds and technical assistance for the design of new machines and for improvements to existing ones. Literature available. See illustration.

**Ladder Leveler****Item 2245**

American inventor offers under license the Canadian manufacturing and marketing rights for his ladder leveler. It is claimed that when this unit is attached to a ladder it becomes not only a convenience but also a safety factor, in that it adjusts itself to fit the terrain upon which it stands, such as steps, stairways, inclines, roof tops or uneven ground, while at the same time holding the ladder in a vertical position. The inventor will provide detailed blue prints. Literature available. See illustration.

**Electrical Braking Systems****Item 2246**

Australian firm offers to Canadian companies the Canadian manufacturing and marketing rights for its electrical braking systems for use with elevators, hoists, conveyors, production machinery, etc. These units are self-contained and can be mounted in the following ways: 1) foot mount on any level, stable surface; 2) male or female spigotted end or flange mount; 3) on the rotating member to which braking forces are to be applied, using suitable torque bar or rod. They may also be built as an integral part of the machine to which they are to be applied, thus forming a principal bearing capable of withstanding high rotational or thrust forces. Additional features claimed are that these units can be instantly attached to or detached from any concentric shaft irrespective of diameter and without any machining, fitting or skilled labour, and that the unit, when attached, will apply any desired braking torque, within the maximum capacity of the unit, to the shaft. Literature available. See illustration.

**Building System****Item 2247**

American inventor offers free of any charge or restriction to any Canadian firm or institution that would find the information useful the use of his new system for erecting multi-storey structures quickly and cheaply. The system consists of a method of construction whereby multi-storey sections or units of a building are constructed or assembled in a horizontal position on the building site, hinged to a base and then erected into vertical position by use of counterbalance and/or mechanical force. Literature available. See illustration.

**Split Plodder Nozzles****Item 2248**

Canadian inventor offers for sale or license the Canadian manufacturing and worldwide marketing rights for his patented split plodder nozzles used in the final physical working of soap or detergent. It is claimed that these nozzles may also have application in extrusion processes in the plastics and confectionary industries. Their main features are said to be easy access to the inside surface of the nozzle and cylinder; the provision of a longitudinally segmented nozzle which will "open-out" by itself when operating; self-cleaning action; and easy maintenance. Literature available. See illustration.

**Plodder Liners****Item 2249**

Canadian inventor offers for sale or license the Canadian manufacturing and worldwide marketing rights for his plodder liners used in the soap and detergent industries. It is claimed that these plodder liners provide a corrosion resistant work surface inside the soap plodder machines; facilitate the use of these machines in the manufacture of bars of detergent; are easy to maintain; and sustain the required clearance between the flights of the screw and the cylinder walls in the plodder machines. Literature available. See illustration.

**Adjustable Wrenches****Item 2250**

American company offers a licensing arrangement covering the Canadian production and marketing rights, with the possibility of export rights to specified countries, for its patented adjustable box-end wrench and its adjustable gear-grip wrench. The box-end wrench is claimed to have a non-slip jaw grip; to be usable on burred or damaged nuts; and to fit metric, Whitworth and U.S. sizes. The gear-grip wrench is available in straight-jaw, "V"-jaw and pipe-vise jaw configurations. The licensor will provide drawings and technical information. Literature available. See illustrations.

**Investment Casting Process****Item 2251**

Russian state licensing organization offers a licensing arrangement to a Canadian firm for its automated lost-wax investment casting production system. This new process is designed to manufacture precision steel cast blanks of parts for large scale production runs in general machine building plants. It is claimed that this process can replace forging or swaging in the manufacture of many parts and that a wide variety of parts produced from machine and alloy steels by this process require no further machining; that one ton of investment cast blanks saves from 1.5 to 2 tons of rolled steel and reduces chip waste on machining from 25-40 per cent to 1-4 per cent. This offer would be of interest to firms specializing in the production of foundry equipment or of small steel castings for the automotive and engineering industries. Literature available.

**Smoke and Fire Resistant Door Frames****Item 2252**

Canadian inventor is seeking a licensing arrangement with a Canadian firm to produce and market his smoke and fire resistant metal door frames. The unit consists of a metal door frame and sill assembly with integral resilient seals built in to provide a barrier against the passage of fire, smoke and sound around the door perimeter. This system is designed for use in hospitals, hotels, apartments, auditoriums and ships where such protection is desirable. It is also claimed to eliminate the need for weatherstripping on exterior doors. An interested licensee should have experience in dealing with architects and consulting engineers. Literature available.

**Three Dimensional Marine Picture****Item 2253**

American company offers under license the Canadian production and marketing rights, and the possibility of certain export rights, for its three-dimensional pictures of sailing ships set on a base simulating water. The pictures are built with a mechanism causing the ship to rock, accompanied by music from an electric music box, and have a built-in lighting feature. It is claimed that the design is applicable to other items such as table lamps. The licensor will provide technical assistance and drawings. The Canadian licensee will be expected to provide necessary capital and plant facilities. Literature available. See illustration.

**Remote Checking by Telephone****Item 2254**

Canadian inventor offers for sale the Canadian manufacturing and production rights for his patented system for remote checking by telephone. Typical fields of application would be where manual checking is required and where time or money may be saved by using existing telephone lines, e.g., to determine if a heating system in a remote location is operating and has sufficient fuel, or to determine pressure, humidity, temperature, etc., in remote locations. Potential users would be fuel oil companies making deliveries for heating purposes; industrial complexes; pumping stations, etc. Literature available. See illustration.

**Compact Hand Steamer for Apparel Use****Item 2255**

American firm is seeking a licensing arrangement with a Canadian firm to produce and market its patented, lightweight, compact, hand steamer for removing wrinkles from clothes. It can be plugged into a standard 110-120 volt AC outlet. Made of durable colourful plastic, the appliance has no moving parts, is safe and simple to handle. One filling of a few ounces of hot or cold water will provide 15 minutes of clog-free steaming. It is designed to be used while the garment is hung up and thus requires no ironing board. It is claimed the steamer can also be used for pressing a crease. Literature available. See illustration.

**Automotive Safety Seat Belts****Item 2256**

Swiss firm is seeking a licensing arrangement with a Canadian firm to produce and market its automotive safety seat belt with a built-in electrical circuit that obliges a motorist to fasten the seat belt before the automobile will start. The licensor will provide drawings and co-operation in any further development work. A prospective licensee should be capable of producing and marketing these safety seat belts on a large scale. Literature available.

**Electric Razor****Item 2257**

Swiss firm offers under license the Canadian manufacturing and marketing rights for its newly developed electric razor. It is claimed that the razor produces a more efficient, faster and more pleasant shave because of its vibrating action and destructive cutting instrument. The licensor will provide drawings and co-operation in development if required. Literature available.

**Amusement Rocking Device for Children****Item 2258**

American inventor is seeking a licensing arrangement with a Canadian firm to produce and market his specially designed rocker for children between the ages of 18 months and 6 years. The principal features are claimed to be its high degree of flexibility in rocking movement without tipping over; built-in stability to permit easy mounting and dismounting; simulation of various rocking sensations such as riding a boat, jalopy or burro; and its exercise capacity for a child. The rocker can be made from tubular aluminum, steel, wood, or plastic. Design and technical assistance will be provided by the licensor. Literature available. See illustration.

**Dispenser and Holder****Item 2259**

American inventor offers a licensing arrangement covering the Canadian manufacturing rights for his patented toilet tissue or paper towel dispenser and holder for use in homes, public washrooms, etc. With the exception of the United States market, worldwide marketing rights will also be provided the Canadian licensee. The holder is designed to be recessed into a wall. Its chief advantages are claimed to be that it has an improved means of releasing the core of exhausted roll and permitting the insertion of a fresh roll. In addition, it is simple to use, inexpensive to manufacture, sturdy and durable. Literature available.

**Safety Device for Electrical Outlets****Item 2260**

British inventor is seeking a licensing arrangement with a Canadian firm to produce and market his safety device for electrical outlets. This device is designed to cover electrical outlets to prevent exposure of live contact pins, and to prevent the removal of the electric plug by a child either deliberately or accidentally, or by an adult accidentally. Literature available. See illustration.

**Automotive Cigarette Lighter and Dispenser****Item 2261**

Canadian inventor is seeking a licensing arrangement with a Canadian firm to produce and market his patented automotive cigarette lighter and dispenser. This dispenser is designed to be attached to the dashboard of a car, truck, motor launch, snowmobile, etc., so that the driver can obtain a lighted cigarette without taking his eyes away from the road. It consists of a container for holding cigarettes, a lighter, and a mechanism for inserting a cigarette from the cigarette container portion into the lighter portion. It is so designed that if the lighted cigarette is not removed it will not cause the other cigarettes to light. The cigarette container portion can be removed to be used as a cigarette case. Literature available. See illustration.

**Patterns for Decorative Finishes****Item 2262**

Canadian inventor is seeking a licensing arrangement with a Canadian firm for the ultimate production of a process for imprinting a natural phenomenon, "frost-patterning" of water, on translucent plastic to produce decorative patterns. Possible applications would be as advertising displays, custom lamp shades, back-drops for fish tanks, etc. It is claimed that certain formulations of water-soluble paints applied to smooth surfaces and exposed to freezing conditions will produce these "frost-patterns". Further research and development is required to develop this process for commercial production. Literature available.

**NEW CANADIAN PATENTS AVAILABLE FOR LICENSING OR SALE**

Canadian patent applications 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>
Tensioning Means for a Belt Conveyor	Mar. 28/67	755,443
Combination Layout Tool	Aug. 26/69	821,176
Combination Layout Tool	Aug. 26/69	821,177
Articulated Joint	Apr. 14/70	838,902
Helical Cable Grip	Apr. 14/70	838,912
Wall Surface Scarifying and Preparing Tool	Apr. 14/70	838,930

Floor Construction for Repair or Fabricating Buildings	Apr. 14/70	838,945
On-Off Repeat Cycle Timer	Apr. 14/70	838,947
Fabric Creasing and Pressing Machine	Apr. 14/70	839,036
Valet Hanger for Ties and the Like	Apr. 14/70	839,086
Disk Brake Apparatus	Apr. 14/70	839,130
Casting of Molten Metal	Apr. 14/70	839,152
Method of Treating Copper to Improve its Properties	Apr. 14/70	839,178
Uranium Alloys for Use in Nuclear Reactors	Apr. 14/70	839,182
Apparatus and Process for Pasteurizing Egg Products	Apr. 14/70	839,202
Procédé d'évaporation d'un métal sous vide à haute température, permettant d'éviter les projections de métal	avril 14/70	839,209
Process for Improving the Freeness of Asbestos	Apr. 14/70	839,213
Process of Producing a New Substance Usable for Stimulating the Function of the Reticulo-Endothelial System	Apr. 14/70	839,234
Phosphonitrile Composition	Apr. 14/70	839,244
Process of Preparation of Water-Soluble Derivatives of Tetracyclines	Apr. 14/70	839,256
Finely Divided Elastomers	Apr. 14/70	839,328
Coating for Siliceous Materials	Apr. 14/70	839,339
Electromagnetic Flow-Meter	Apr. 14/70	839,398
Synchronized Communications System	Apr. 14/70	839,424
Synchronized Communications and Navigation System	Apr. 14/70	839,425
Control Switch System for Grain Augers	Apr. 14/70	839,428
System for Recording and Reproducing Cue Signals in a Magnetic Recording and Reproducing Apparatus	Apr. 14/70	839,434
Toothbrush	Apr. 21/70	839,460

Concealed Building Panel Fastener	Apr. 21/70	839,465
Compteur chronométrique à prépaiement	avril 21/70	839,493
Signal Mirrors	Apr. 21/70	839,520
Line Marking Machines	Apr. 21/70	839,523
Ticket Handling Apparatus	Apr. 21/70	839,570
Safety Holder for Heels in Connection with Ski Bindings	Apr. 21/70	839,594
Seal for Hydrostatic Testing Apparatus	Apr. 21/70	839,597
Traitement de polyamides	avril 21/70	839,627
Continuous Casting Wheel Mould Cooling Apparatus	Apr. 21/70	839,629
Treatment of Rapeseed Meal	Apr. 21/70	839,653
Method for Applying Low Density Carbon Coatings	Apr. 21/70	839,661
Laminator Apparatus and Process and Articles Made Thereby	Apr. 21/70	839,676
Ammonolysis of Halides	Apr. 21/70	839,761
Ionization Apparatus for Measuring Alpha-Radiation Surface Contamination	Apr. 21/70	839,886
Air Proportional Alpha Detector	Apr. 21/70	839,887
Switch for High Amperage Current	Apr. 21/70	839,893
Electrodes obtenues par compression	avril 21/70	839,927
Storage Battery	Apr. 21/70	839,929
Resistance Welding	Apr. 21/70	839,953
Locking Device for Pin and Socket Insulator Connections	Apr. 21/70	839,981
Multiple-Contact Connector	Apr. 21/70	839,990
Terminal Connector and Method of Making Same	Apr. 21/70	839,994
Track Follower	Apr. 21/70	840,014
Appointment Board	Apr. 28/70	840,071

Hologram System Employing Incoherent Light	Apr. 28/70	840,119
Lift Hitch Assembly	Apr. 28/70	840,125
Hydrofoil Craft	Apr. 28/70	840,151
Drive for Rotary Objects	Apr. 28/70	840,177
Positioning and Retaining Device System for Logs in a High Capacity Sawmill Employing a Horizontal Traversing Bandsaw Adjustably Mounted Over the Log Being Sawed	Apr. 28/70	840,185
Sawmill Capable of High Production and Lumber Quality Control Operable by One Man	Apr. 28/70	840,186
Bore Pump Assemblies	Apr. 28/70	840,207
Justifier for Typewriters	Apr. 28/70	840,259
Infant's Wardrobe Enclosing and Carrying Bag	Apr. 28/70	840,277
Flexible Sheet Feeding Mechanism	Apr. 28/70	840,297
Exercising Device (see illustration)	Apr. 28/70	840,299
Collapsible Backstop	Apr. 28/70	840,300
Tailgate Construction	Apr. 28/70	840,312
Apparatus and Method for Production of Curved Fiber Reinforced Resin Vessels	Apr. 28/70	840,321
Inhibiting Decomposition of Silicates	Apr. 28/70	840,339
Porous Refractory Fuel Microspheres and Method Thereof	Apr. 28/70	840,354
Multipurpose Corrosion Inhibitor	Apr. 28/70	840,355
Composition explosive	avril 28/70	840,362
Photography (A process for producing a visible image in a photosensitive medium as a result of exposing it to radiation of suitable wavelengths.)	Apr. 28/70	840,373
Process for the Production of Seasoning with a Flavor Similar to Meat Extract	Apr. 28/70	840,385
Quench System (A method for quenching a heated metal work-piece.)	Apr. 28/70	840,399
Process for the Producing of 1, 3, 5-s- Tris-(Dibromopropionyl) Hexahydrotriazine	Apr. 28/70	840,446

<b>Process for Manufacturing Alcohol by Direct Catalytic Hydration of Olefins</b>	<b>Apr. 28/70</b>	<b>840,465</b>
<b>Window Panels</b>	<b>Apr. 28/70</b>	<b>840,513</b>
<b>High Voltage Shock Wave Generators</b>	<b>Apr. 28/70</b>	<b>840,529</b>
<b>Controlled Converter</b>	<b>Apr. 28/70</b>	<b>840,552</b>
<b>Traffic Safety Signalling System</b>	<b>Apr. 28/70</b>	<b>840,603</b>
<b>Light Signalling Device for Vehicles</b>	<b>Apr. 28/70</b>	<b>840,605</b>
<b>Semiconductor Light Source</b>	<b>Apr. 28/70</b>	<b>840,636</b>
<b>Folding Tent-Bed</b>	<b>May 5/70</b>	<b>840,655</b>
<b>Field Hangar or Shelter</b>	<b>May 5/70</b>	<b>840,662</b>
<b>Buckles for Safety Belts</b>	<b>May 5/70</b>	<b>840,666</b>
<b>Visual Aid to the Teaching of Book-Keeping</b>	<b>May 5/70</b>	<b>840,679</b>
<b>Connections Between Prefabricated Reinforced Concrete Building Components</b>	<b>May 5/70</b>	<b>840,698</b>
<b>Turbidimeter</b>	<b>May 5/70</b>	<b>840,701</b>
<b>Pump</b>	<b>May 5/70</b>	<b>840,736</b>
<b>Loose Leaf Binders</b>	<b>May 5/70</b>	<b>840,754</b>
<b>Loom</b>	<b>May 5/70</b>	<b>840,769</b>
<b>Strap Applying Tool</b>	<b>May 5/70</b>	<b>840,771</b>
<b>Arrangement for Forming Folds in Curtains, Drapes or the Like</b>	<b>May 5/70</b>	<b>840,782</b>
<b>Curtain Suspension System</b>	<b>May 5/70</b>	<b>840,784</b>
<b>Confined Seal</b>	<b>May 5/70</b>	<b>840,853</b>
<b>Tool Retaining Devices</b>	<b>May 5/70</b>	<b>840,858</b>
<b>Pressure Sealing Device</b>	<b>May 5/70</b>	<b>840,868</b>
<b>Casting Wheel with Band Positioning Device</b>	<b>May 5/70</b>	<b>840,901</b>
<b>Method of Manufacturing a Cast Iron Roll</b>	<b>May 5/70</b>	<b>840,957</b>
<b>Process for the Separation of Hydrocarbon Compounds</b>	<b>May 5/70</b>	<b>840,982</b>
<b>Electro-Chemical Method for Selected Dissociation</b>	<b>May 5/70</b>	<b>840,984</b>

<b>Process for Producing a Catalyst for Oxidation of Methanol to Formaldehyde</b>	<b>May 5/70</b>	<b>841,002</b>
<b>Oxazole Derivatives and Process of Producing the Same</b>	<b>May 5/70</b>	<b>841,043</b>
<b>Piperidinoalkanol Derivatives</b>	<b>May 5/70</b>	<b>841,046</b>
<b>Process for the Production of a Mixture of O- and P-Cresol</b>	<b>May 5/70</b>	<b>841,070</b>
<b>Stream Water Aerator</b>	<b>May 5/70</b>	<b>841,077</b>
<b>Foam Product and Method for Manufacture of Same</b>	<b>May 5/70</b>	<b>841,081</b>
<b>Electrical Off-Peak Current Storage Heater</b>	<b>May 5/70</b>	<b>841,165</b>
<b>Q-Switch for Laser System</b>	<b>May 5/70</b>	<b>841,240</b>
<b>Device for Controlling a Control Rod in a Nuclear Reactor</b>	<b>May 5/70</b>	<b>841,247</b>
<b>Belt Buckle</b>	<b>May 12/70</b>	<b>841,263</b>
<b>Lettering Device</b>	<b>May 12/70</b>	<b>841,272</b>
<b>Post Driver Carrier</b>	<b>May 12/70</b>	<b>841,293</b>
<b>High-Speed Framing Camera System</b>	<b>May 12/70</b>	<b>841,336</b>
<b>External Armature Bias and Sealing Means for Motor Pump Unit</b>	<b>May 12/70</b>	<b>841,348</b>
<b>Casting Machine</b>	<b>May 12/70</b>	<b>841,514</b>
<b>Microporous Carbon Preparation</b>	<b>May 12/70</b>	<b>841,529</b>
<b>Compositions and Methods for Controlling Plant Growth</b>	<b>May 12/70</b>	<b>841,546</b>
<b>Method for Producing Coke</b>	<b>May 12/70</b>	<b>841,583</b>
<b>Fine, Surface Modified, Catalytically Active, Inorganic Solids</b>	<b>May 12/70</b>	<b>841,603</b>
<b>Process for the Manufacture of Piperazine and N-Aminoethyl Piperazine</b>	<b>May 12/70</b>	<b>841,629</b>
<b>Process for Producing Alcoxy Carbonyl Compounds</b>	<b>May 12/70</b>	<b>841,651</b>
<b>Hydrophobic Materials Having Antistatic Properties</b>	<b>May 12/70</b>	<b>841,672</b>
<b>Silane Modified Polymers</b>	<b>May 12/70</b>	<b>841,685</b>

Voice Frequency Transmission Circuits	May 12/70	841,708
Adder	May 12/70	841,825
Camping Cot and Cover Therefor	May 19/70	841,854
Method of Joining Logs or Other Building Materials and Clamp Used Thereby	May 19/70	841,860
Safety Hoisting Hook	May 19/70	841,865
Shrubbery Shaper and Trimmer	May 19/70	841,888
Apparatus for use in the Construction of Concrete Lined Tunnels	May 19/70	841,900
Abnormal Milk Detector	May 19/70	841,920
Indexing Mechanism	May 19/70	841,922
Dispositif pour l'explosion de charges dans un milieu liquide	mai 19/70	841,960
Hog Chute	May 19/70	841,981
Portable Garage	May 19/70	841,989
Automatic Control for Article Releasing Outlet Closure Dispensing Apparatus	May 19/70	842,041
Pallet Loading Apparatus	May 19/70	842,042
Apparatus for Forming Vertically Ribbed Plastic Containers	May 19/70	842,105
Device for Concentration Control in Drying Towers for a Sulphuric Acid Plant	May 19/70	842,126
Furnace Hearth	May 19/70	842,142
Rouleau de laminage	mai 19/70	842,181
Process for the Preparation of Stable Hepatitisfree Serum	May 19/70	842,196
Germicidal Organo-Mercury Compounds	May 19/70	842,273
Process for Polymerizing 3-Methyl-1-Butene or 4-Methyl-1-Pentene	May 19/70	842,350
Heating and Control Circuit for Toasters	May 19/70	842,395
Tunable Microwave Cavity	May 19/70	842,401

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

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

**Artificial Oyster Cultches****Case No. 4479**

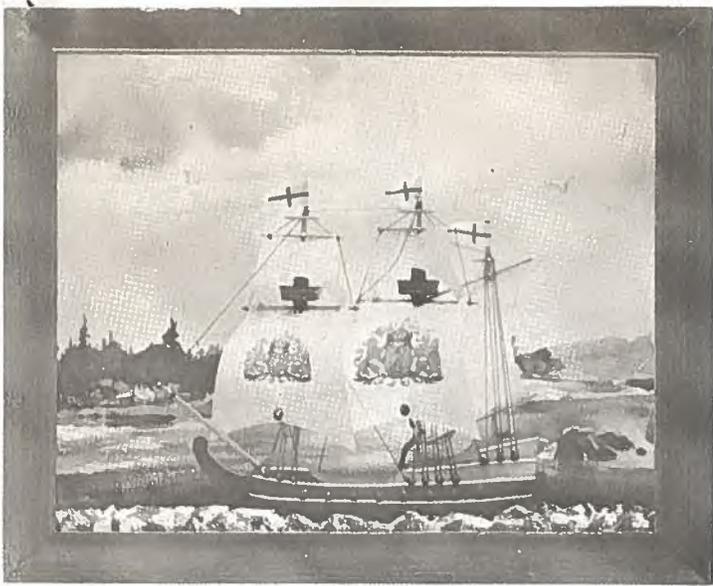
Arising from a prolonged search for a more economic means of developing healthy and prolific oyster beds. Specific shapes and compositions for the cultch (in this case composed of small dish-shaped objects) are given. The larvae adhere well, undue silting is avoided, and handling difficulties are minimized. A means of manufacture is described.

**Separation of Hafnium from Zirconium by Preferential Reaction with an Alkali Metal Chloride****Case No. 4333**

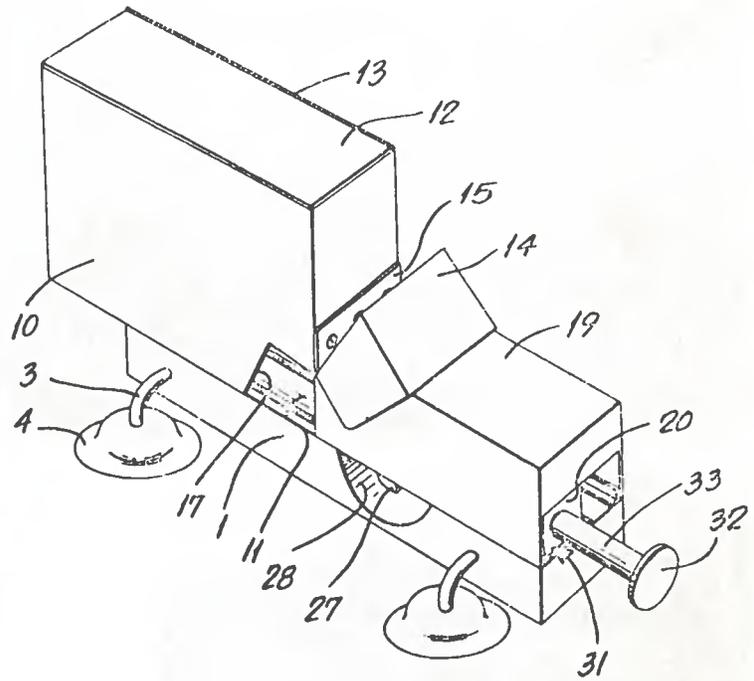
A new process for producing high purity reactor-grade zirconium which is cheaper than the conventional process because it requires less expensive reagents and equipment.

**Reducing Noise in Gas Turbine Compressors****Case No. 4354**

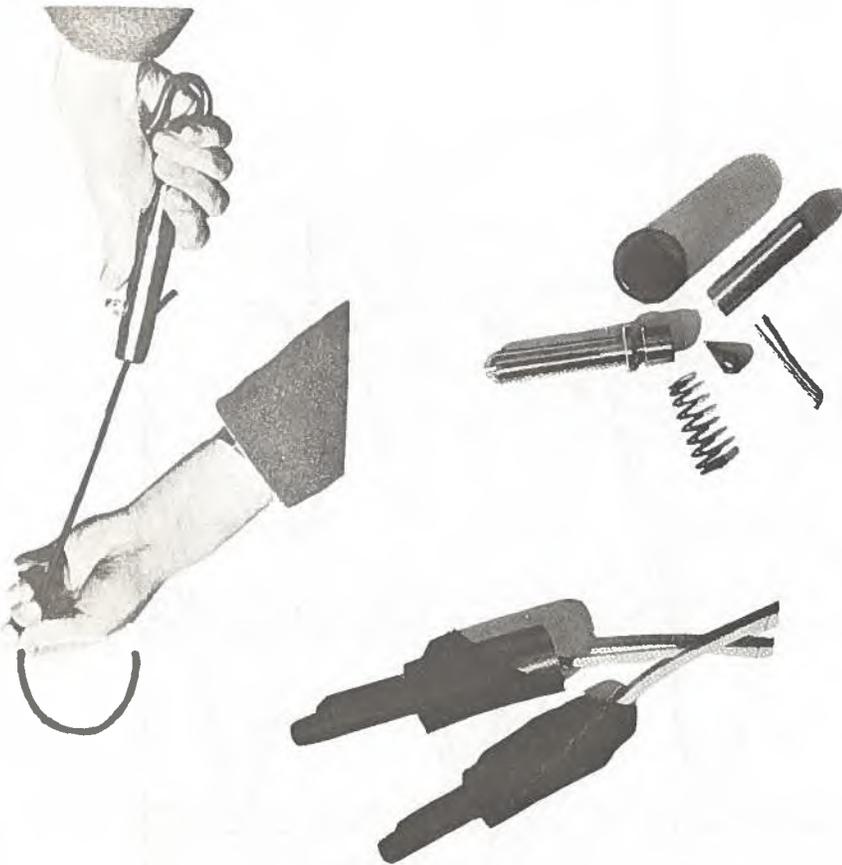
If the stator blades of an axial flow compressor are stepped radially then the acoustical excitation caused by passage of rotor blades has different phase at different parts of the blade and sound cancellation occurs. This provides about 30% reduction in subjective loudness, and a slight increase in mechanical efficiency with almost no weight penalty.



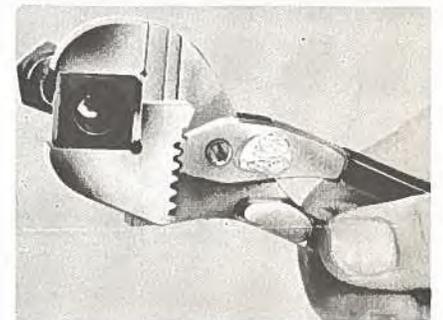
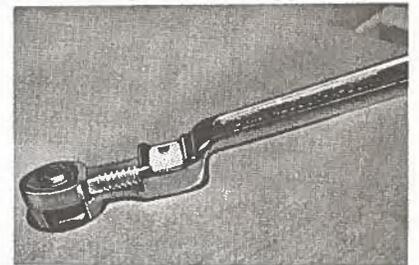
Item 2253 — Three Dimensional Marine Picture  
 Article 2253 — Images à trois dimensions de bateaux à voiles



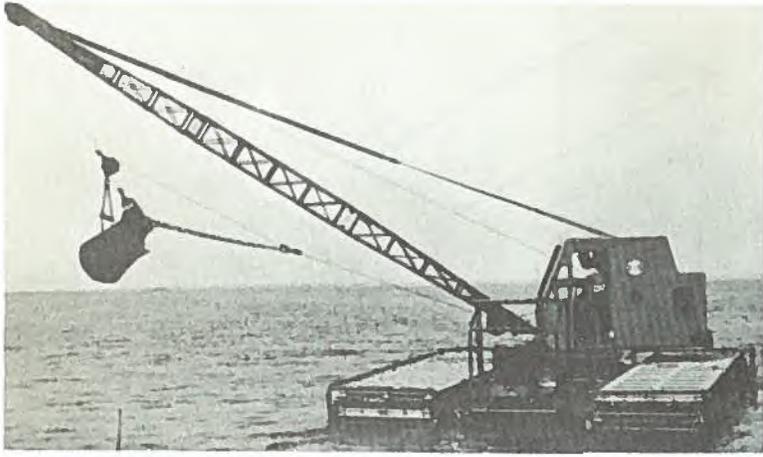
Item 2261 — Automotive Cigarette Lighter and Dispenser  
 Article 2261 — Allumeur-distributeur de cigarettes pour véhicules moteur



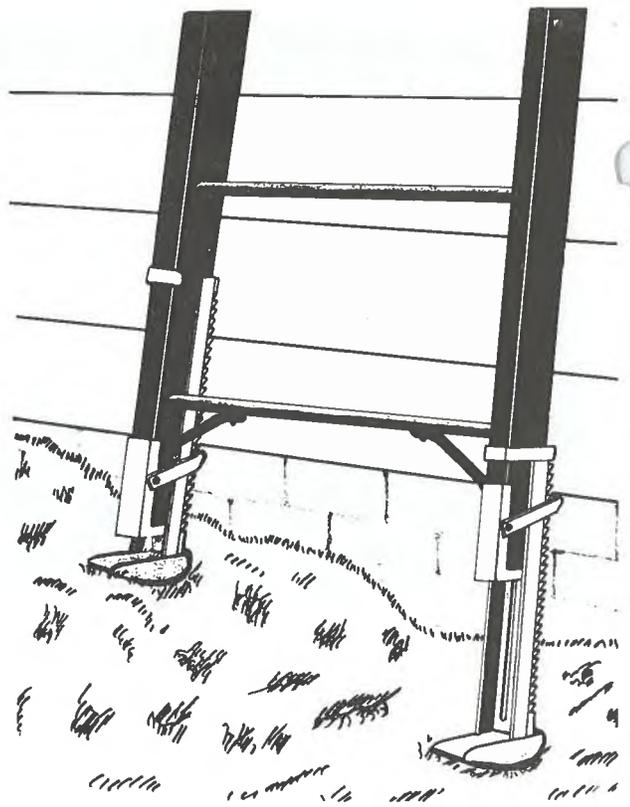
Item 2240 — Universal Stretchers and Connectors  
 Article 2240 — Tendeurs et connecteurs universels



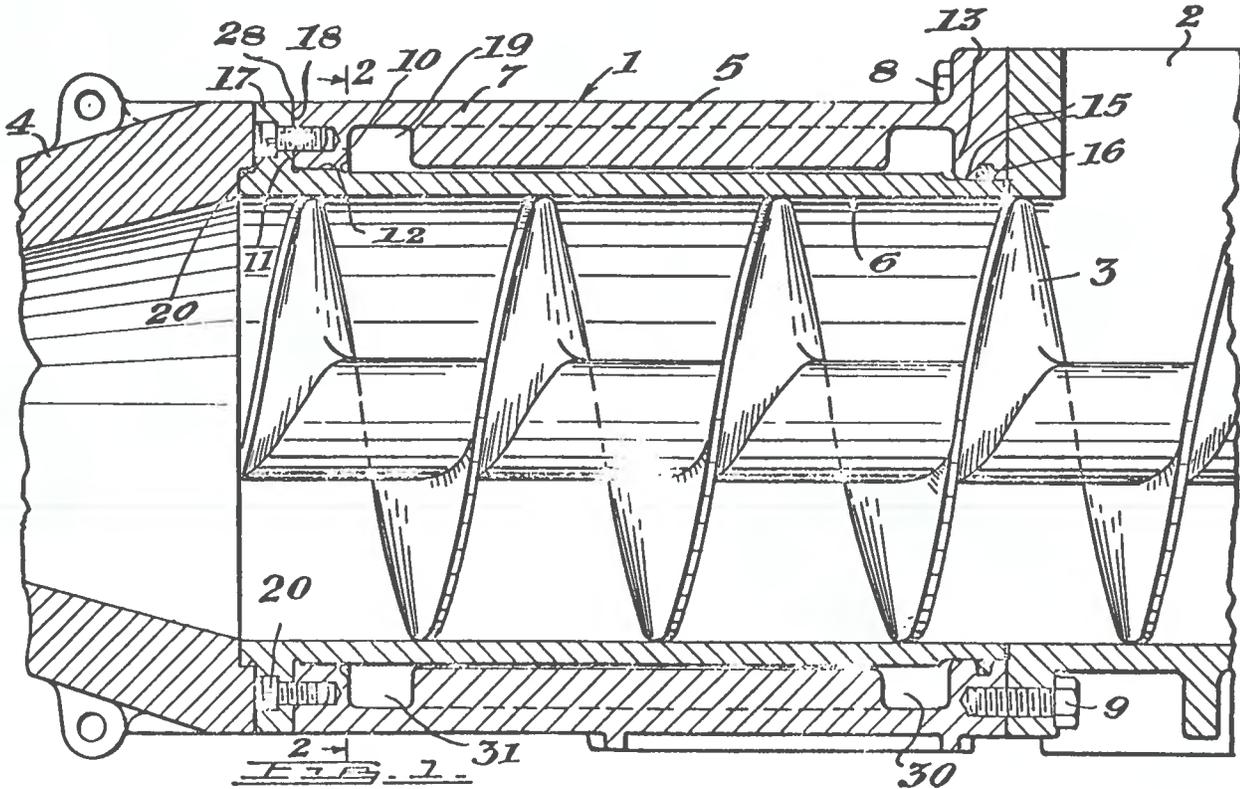
Item 2250 — Adjustable Wrenches  
 Article 2250 — Clés réglables



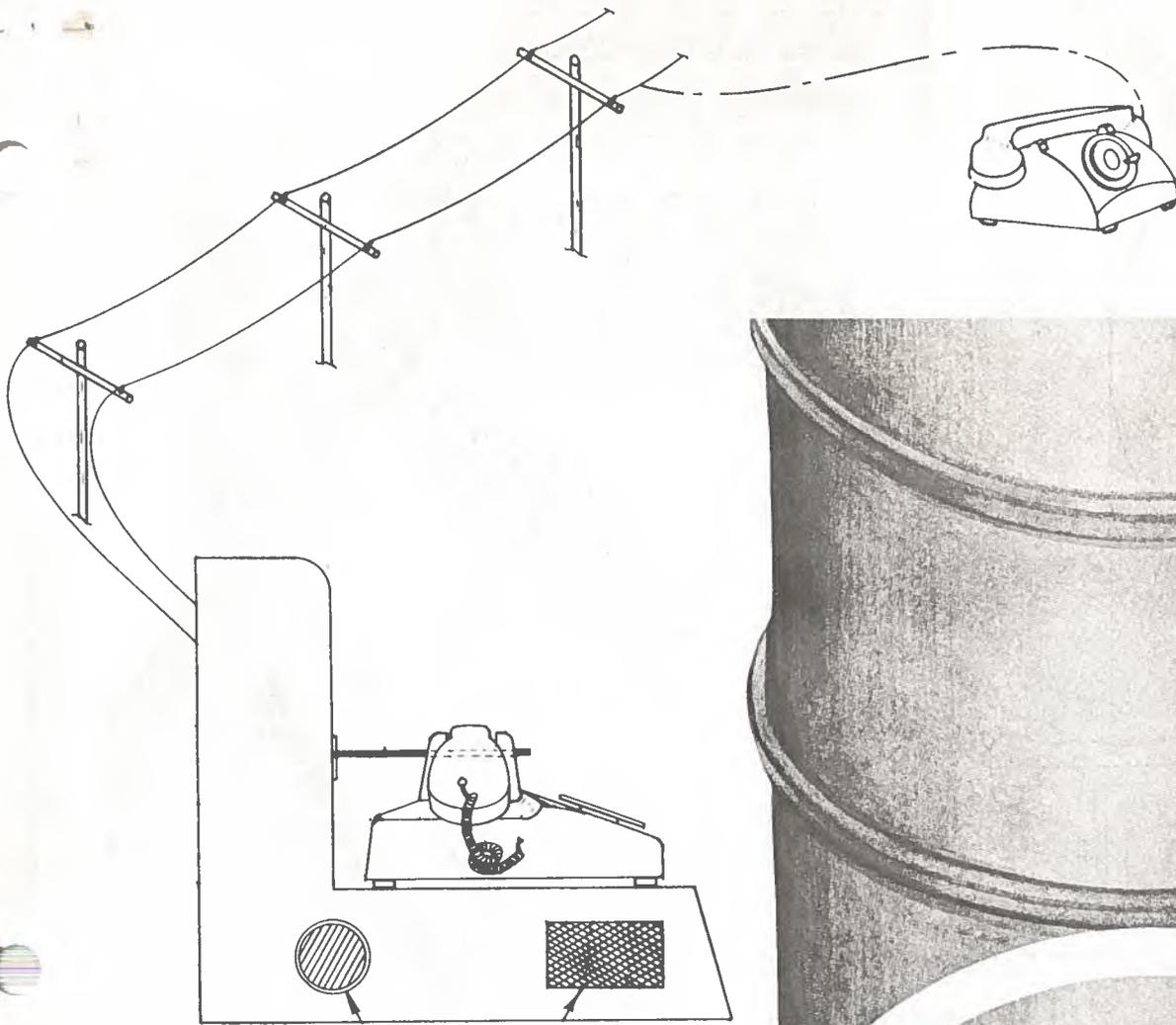
Item 2237 — Amphibious Vehicles  
 Article 2237 — Véhicules amphibies



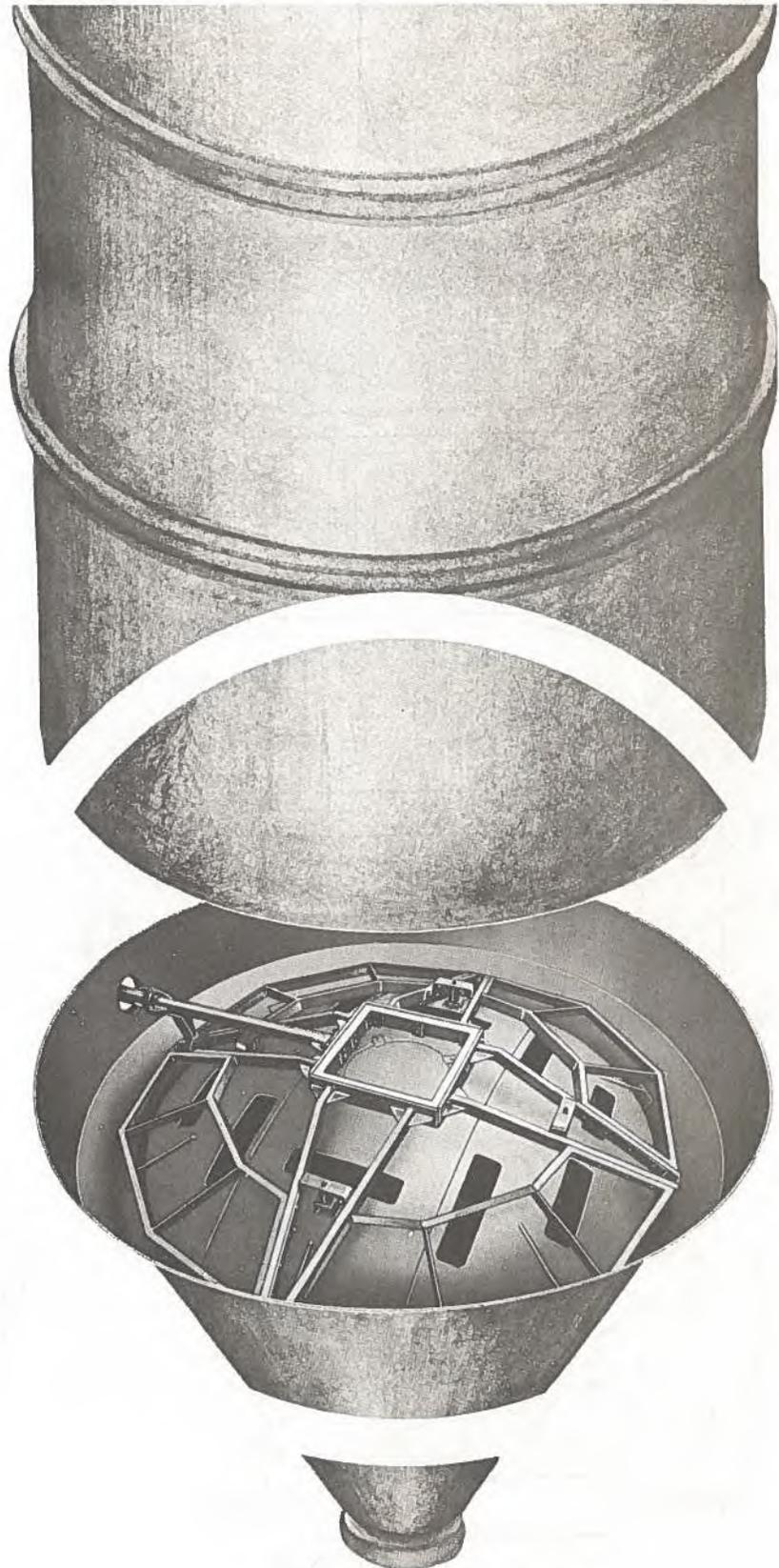
Item 2245 — Ladder Leveler  
 Article 2245 — Appareil de mise à niveau d'échelle



Item 2249 — Plodder Liners  
 Article 2249 — Doublures de faconneuse de pains de savon



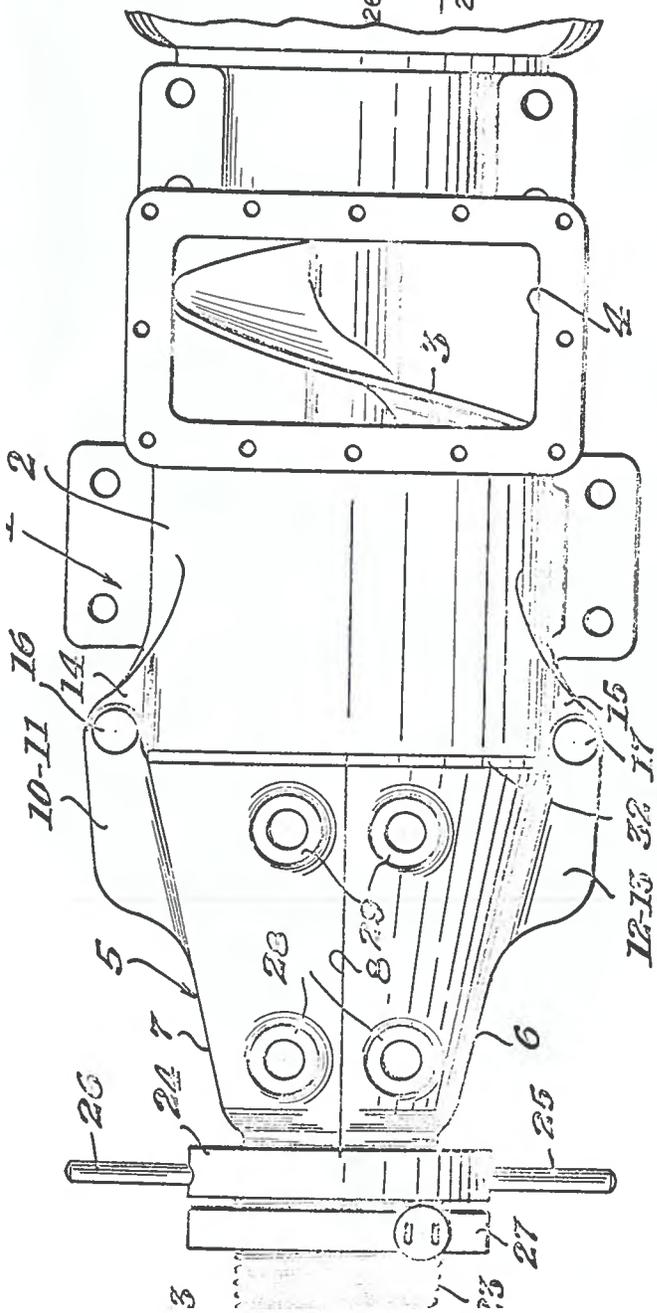
Item 2254 — Remote Checking by Telephone  
 Article 2254 — Contrôle à distance par téléphone



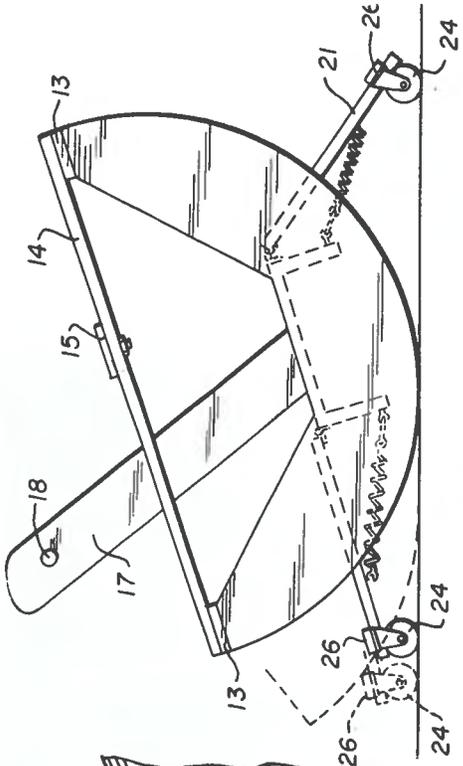
Item 2243 — Hopper or Silo Discharge Device  
 Article 2243 — Trémie ou appareil pour vider les silos



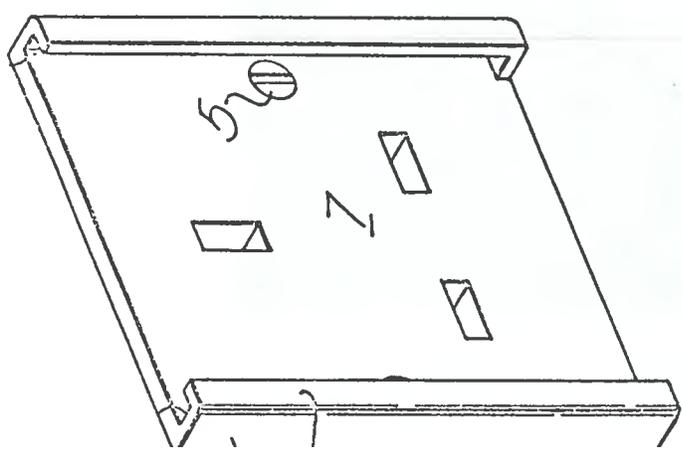
Item 2242 — Plastic Veneer for Concrete Products  
 Article 2242 — Revêtement de plastique pour le béton



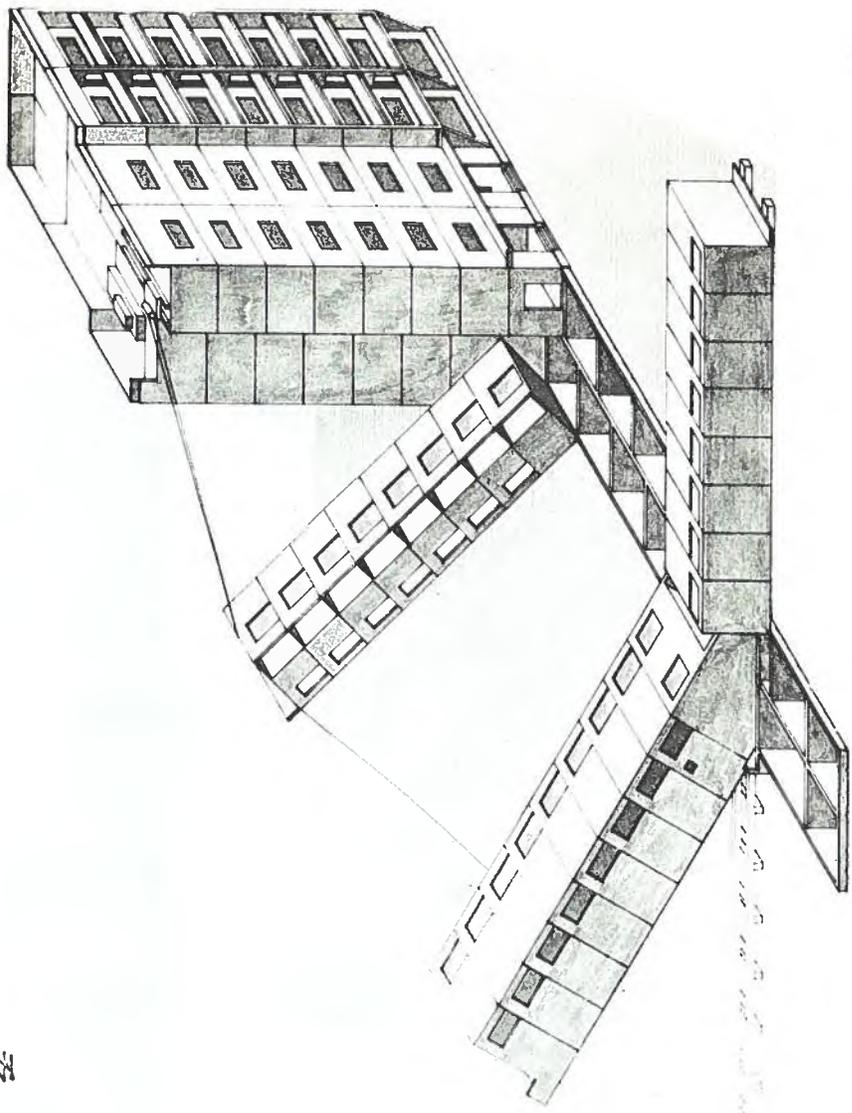
Item 2248 — Split Plodder Nozzles  
 Article 2248 — Bec éjecteur fendu



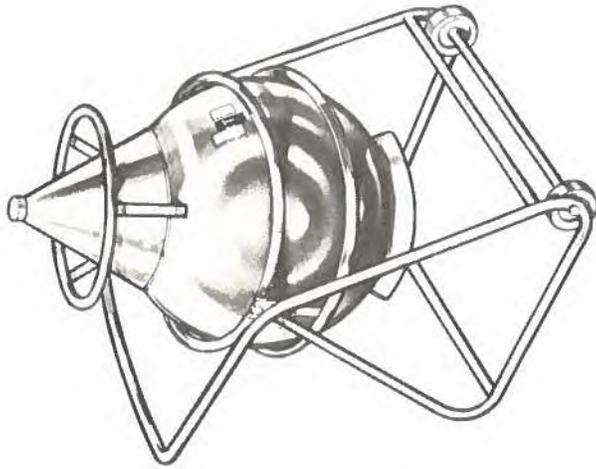
Item 2258 — Amusement Rocking Device for Children  
 Article 2258 — Bascule de divertissement pour les enfants



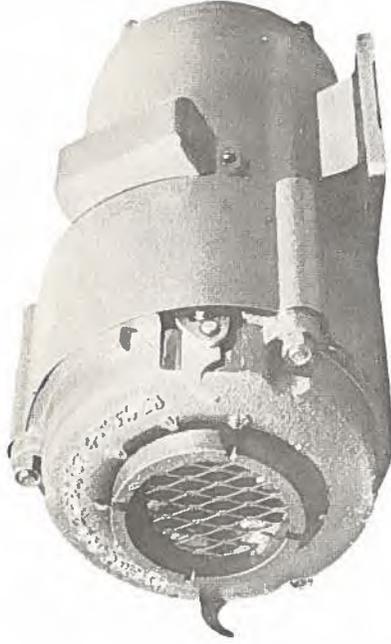
Item 2260 — Safety Device for Electrical Outlets  
 Article 2260 — Appareil de sécurité pour prises de courant électrique



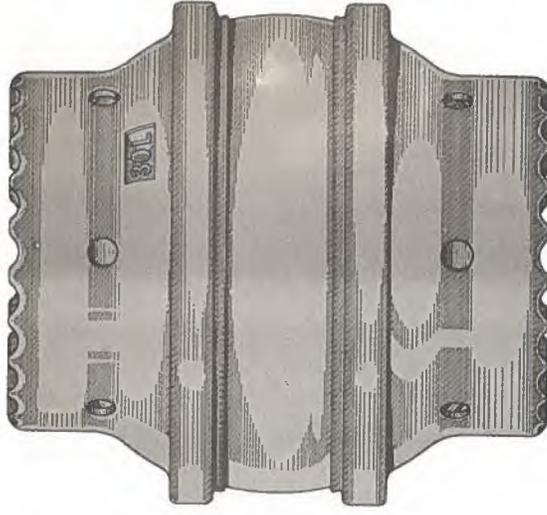
Item 2247 — Building System  
 Article 2247 — Système de construction



Item 2238 — Cryogenic Equipment  
Article 2238 — Appareil de cryogénie



Item 2246 — Electrical Braking Systems  
Article 2246 — Systèmes électriques de freinage



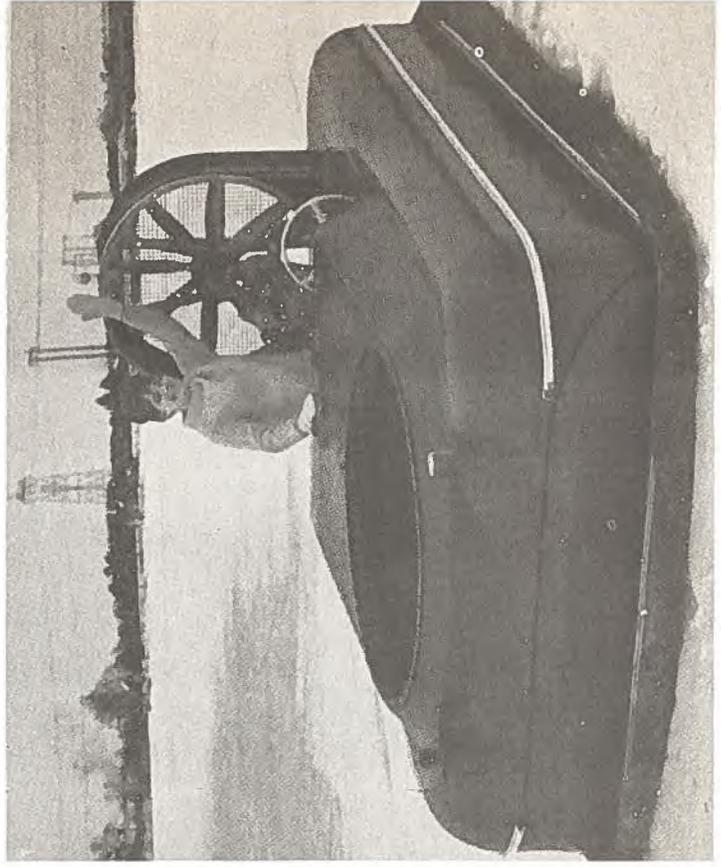
Item 2239 — Polyethylene Pressure Barrel  
Article 2239 — Baril à pression en polyéthylène



Exercising Device  
Appareil de gymnastique  
See Patent No. 840,299  
Voir numéro de brevet 840,299.



Item 2255 — Compact Hand Steamer for Apparel Use  
Article 2255 — Appareil à main de défroissage par vapeur des vêtements



Item 2244 — Air Cushion Vehicle  
Article 2244 — Véhicule pneumatique

DEPARTMENT OF  
CONSUMER AFFAIRS  
JUN 19 1970  
MINISTÈRE DE LA  
CONSOMMATION ET DES CORPORATIONS