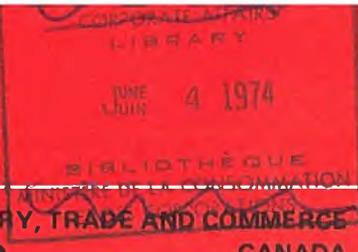


# new products bulletin

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:

**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**

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**BULLETIN 176**

**JULY, 1970**

**Artificial Leather**

**Item 2263**

West German company offers for use under license in Canada its process for the manufacture of a porous, breathing artificial leather material composed of polyurethane and polyvinyl chloride alone or in conjunction with a textile base. This material may be used in the manufacture of shoes, wearing apparel and upholstery, as well as for such applications as tents and tarpaulins. Resistance to cold and abrasion are good. The material is claimed to be simple and inexpensive to manufacture and finish. Literature available.

**Municipal Vehicles and Industrial Equipment**

**Item 2264**

Canadian agent offers on behalf of a Belgian company the Canadian manufacturing and marketing rights for its sanitation vehicles and its industrial process machinery and equipment such as cookers, sterilizers, mixers, autoclaves, conveyors, separators, etc. The Belgian company will provide the Canadian licensee with technical assistance, plans, drawings, and possibly certain component parts. Literature available. See illustration.

**Floor Covering Material**

**Item 2265**

Swiss firm is offering a licensing arrangement for the Canadian manufacturing and marketing rights to its polyester resin and quartz aggregate for use as a floor covering material in industrial plants, etc. This material, which can be laid  $\frac{1}{4}$ " thick or less, has a high resistance to abrasion, chemicals (e.g. acids) and oils. It provides a non-skid, non-dusting surface with elastic and low-shrinkage properties that permit laying of large areas. It sets in 2 hours and attains full strength within 24 hours thus being suitable for repairing or resurfacing existing floors. It can also be used as a prefabricated lining for concrete sewer pipes. The licensor will provide technical know-how and construction drawings for a surface finishing machine. Literature available. See illustration.

**Phased-Pulse Multistable Logic Circuitry**

**Item 2266**

Russian state licensing agency offers under license the Canadian production and marketing rights, with the possibility of export rights, for its multistable logic apparatus based on the phased-pulse principle. The components of this apparatus can assume any of 10 stable positions. This multistable logic can be used where decimal indication is necessary. It is claimed that this apparatus is simpler to use than binary devices to recalculate information from binary code into decimal code. An article, outlining in greater detail this circuitry, appeared in the August 18, 1969 issue of "Electronics" magazine. Literature available.

**Machine Tool Accessories****Item 2267**

American company offers for manufacture under license in Canada its lathe accessories such as live centres, collets, collet closers, tool holders, etc. Live centres have interchangeable points which are guaranteed to  $\pm .00001$  accuracy, a hardened and ground case and shank, a short overhang which eliminates chatter, and a seal which excludes cutting oil, dirt and other foreign matter. Canadian licensee will be provided with technical information, promotional material and assistance in marketing these products in the United States. Literature available. See illustration.

**Gear Reduction Units****Item 2268**

French firm is seeking a licensing or joint venture arrangement with a Canadian firm to produce and market in Canada and the U.S.A. its line of gear reduction units for use in any plant operating rotary equipment. It is claimed that the degree of standardization achieved has made it possible not only to rationalize manufacturing but, because of the interchangeability of many of the gears, to realize large-scale mass production. The licensor will provide technical know-how. Literature available. See illustration.

**Mitre Saws****Item 2269**

American company is offering the exclusive Canadian manufacturing and marketing rights for its two models of portable, electric mitre saws. These saws are claimed to do the work of heavier saws, yet can be carried from room to room or from site to site. The machines weigh 31 pounds and are equipped with a 10 inch blade and a  $3/4$  hp motor which operates at 7400 rpm. Since all controls are located in the handle, one hand is left completely free. Units can handle 3"x5" 's and 2"x6" 's for 90° cutting and 3"x3 $1/2$ " 's and 2"x4" 's for 45° cutting. Literature available. See illustration.

**Pressure-Sensitive Label Stock****Item 2270**

American firm offers for license the Canadian production and marketing rights for its three types of pressure-sensitive label stock which are coated with water soluble adhesive. Labels made from this pressure-sensitive label stock are claimed to be able to be removed or remove themselves from objects by merely immersing them in hot water. This stock may be used for removable bumper stickers, weather resistant labels, product labeling, premium give-aways, etc. All ingredients are approved by the U.S. Food and Drug Administration. Literature available. See illustration.

**Type-TH Transistor Distance Protection for High-Voltage Networks****Item 2271**

Rumanian state-operated licensing agency offers a manufacturing license, including know-how, drawings and technical assistance, as well as the marketing rights for Canada and the United States covering a transistorized impedance (distance) relay. It is claimed that this is a superior design with characteristics not available in competitive impedance relays of solid-state design. The usual claims for advantages in solid-state devices are made:— no moving contacts, not sensitive to vibration or dust, compact, easy to maintain, highly sensitive and fast acting. In addition, it is claimed that a combination of analogue and digital operations produces superior control characteristics. Literature available.

**Electrical Apparatus for Welding Plastics****Item 2272**

Swiss firm is seeking a licensing or joint venture arrangement with a Canadian firm to manufacture and market its electrical apparatus (pliers) for welding plastic belting, tubes, joints, etc. up to 15 mm thick. This equipment permits butt-welding of all profiles. The chief advantages claimed include clean welding; no hardening of the plastic and thus no molecular deformation; and no sliding, warming or stretching of the belt on the pulley. A knife is mounted on the pliers permitting a square cut to be made. The parts to be welded never touch the heating blade. Literature available. See illustration.

**Rubber Covering for Paper Mill Rolls****Item 2273**

American manufacturer offers the exclusive Canadian manufacturing and marketing rights for its patented paper mill roll covering of rubber which is claimed to last longer even under adverse conditions. It is said to be extremely tough; to resist abrasion and withstand sharp blows; to have microscopic surface pits which prevent vacuum, thus facilitating release; and to provide 100 percent surface contact. The Canadian licensee will be granted the use of the company's trademark and will be provided with the formulation and mixing specifications covering this product. Other technical assistance will also be available. Literature available. See illustration.

**Mouldboard Plow****Item 2274**

American firm offers manufacturing and distribution rights for Canada and the United States for its mouldboard plow featuring hydraulic reset bottoms and coulters. Principal advantages are that the guided reset allows clearance of most obstructions, and standardized unit design provides for universal application to various sizes of plows. Licensee should be a manufacturer of related equipment with a distribution capability or arrangement. Licensor offers know-how, design, manufacturing and sales assistance. Literature available. See illustration.

**Automobile Reclining Seats****Item 2275**

Swiss firm is offering licensing arrangements to Canadian companies for the manufacturing and marketing rights to its seat reclining mechanisms and other automobile seat parts. The Swiss firm is stated to be the exclusive supplier of seat reclining mechanisms to the major automobile producers in Europe, including General Motors (Opel) of Germany, Ford of Germany, Daimler-Benz, Lancia and Pininfarina. Other customers are claimed to be Citroen, Porsche, BMW, Fiat, VW, Volvo, etc. Canadian companies already manufacturing parts for the automobile industry will be given preference as licensees. The licensor will provide patents, technical know-how, drawings, etc. Literature available.

**Wooden Toys****Item 2276**

Finnish firm offers for manufacture under license its line of educational wooden toys. Marketing rights are offered for both Canada and the United States. An interested Canadian company should have access to sources of hardwood (birch) and facilities and technical experience in wood turning. The ingenious and educational wood toys offered for manufacture consist of a wide variety of toys catering to both children and adults. They require varying degrees of skill and are designed to encourage imaginative and constructive play. Literature available. See illustration.

**Floor Scraper****Item 2277**

French company offers under license the Canadian manufacturing and marketing rights covering its industrial floor scraper. This machine is designed to permit any type of workshop floor to be peeled by removing layers of foreign matter such as grease, tar, paint or chemicals. The unit employs a dry process which consists of four vibrating knives of adjustable height. Literature available. See illustration.

**Portable Baler****Item 2278**

American company offers for manufacture in Canada its new lightweight portable waste cardboard baling machine. The machine reduces fire hazards, reduces the space required for discarded empty cartons, and permits a neater storage area. It is claimed that the cost of the baler is quickly recovered because premium prices are paid by reclaimers for cartons baled using this equipment. Literature available. See illustration.

**Plastic Hose Reel****Item 2279**

American company offers to Canadian firms a license to manufacture and market a new plastic hose reel, primarily for use with common garden hoses. This reel, which is produced by a stamping operation, snaps together and can be hung on a faucet or sillcock without tools. The arrangement would be on a royalty basis. Literature available. See illustration.

**Dashboard Clamping Device****Item 2280**

American inventor is seeking a licensing arrangement with a Canadian firm to produce and market on a worldwide basis his clamping device to be attached to an automobile dashboard. This device is designed to hold a thermos bottle so that the bottle can be tilted to allow safe pouring. The device may be adapted to hold a tray, map holder, etc., and tightened to prevent these items from tilting. The licensor will provide technical know-how to Canadian licensee. Literature available. See illustration.

**Self-Heating Thermos Bottle****Item 2281**

American inventor is seeking a licensing arrangement with a Canadian firm to produce and market on a worldwide basis his self-heating thermos bottle which is designed to operate on both 110 volts A.C. and 12 volts D.C. This thermos bottle may be used in either the home or in a car as it is equipped with a dual purpose cord set. The licensee will have the option of various design styles. The licensor will provide technical know-how to Canadian licensee. Literature available. See illustration.

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: Trade Representation of the U.S.S.R. in Canada, 4370 Pie IX Boulevard, Montréal 406, Québec

An Appliance for Pressing Power-Transformer Windings

Dispositif pour le pressage des enroulements des transformateurs de puissance

Arc-Resistance Field Pipe Welding Outfit

Installation pour le soudage par arc et résistance des tubes dans les conditions de montage

Automatic Arc and Electroslag Welding of Titanium and Low-Alloy Titanium-Base Alloy from 2 to 300 mm Thick with the Use of Special Fluxes

Soudage automatique à l'arc et sous laitier électro-conducteur du titane et de ses alliages à faible teneur en éléments d'addition, dans les épaisseurs de 2 à 300 mm avec utilisation de flux spéciaux

Automatic Chamber Filter Press

Filtre-presse automatique à chambre

Automatic Device for Controlling Machines by Light Beam

Dispositif automatique de commande des machines

An Automatic Machine for the Manufacturing of Shell Semi-Moulds

Machine automatique à mouler les masques à fonderie

Automatic Shell-Type Filter Press

Filtre-presse automatique à cellules

Automatic Single-Chamber Electron-Beam Welding Unit

Machine automatique à une chambre pour le soudage par bombardement électronique sous vide

Blast Furnace Lining

Garnissage de haut fourneau

The Ceramic-Rod Arc Welding and Hard Facing Technique

Procédé de soudage et de rechargement à l'arc avec utilisation de baguettes céramiques

Charged Particle Accelerator

Installation d'accélération de particules chargées

Chemical Composition, Manufacture and Use of Electrodes Alloyed with Rare Earth Elements and Zirconium with Low Hydrogen Content for Welding Low Carbon Steel

Composition, méthode de fabrication et application d'un fil allié de terres rares et de zirconium, à teneur en hydrogène réduite, pour le soudage des aciers doux

Chemical Composition, Production Technique and Use of Type 1111-42 Flux-Cored Electrode for Welding of Pre-Heated Cast Iron

Chemical Current Sources for Domestic Electrical Devices

Complex Processing of Nephelines into Alumina, Sodium Carbonate Products and Portland Cement

Concrete Saw for Cutting Joints in Freshly Placed Concrete Pavements

Construction Crane for Tower Structures

Contact Process of Producing Sulphuric Acid

Continuous Vibration Mixer

Cutter-Loader YKPIK

Detergent MJI-6 for Cleaning Sea Tankers

Device for Attachment of Branch Pipes to Operating— and Medium — Pressure Gas Lines

Device for Sealing Rotor of Regenerative Air Heater

Diffusion Vacuum-Welding Technique and Equipment for Welding Various Metals, Alloys and Materials

Electric Separator for Concentration of Minerals

Electric Wire Spark Erosion Machine "Electrom-15"

Electrochemical Device for Converting Information Signals

Electrodes for Welding and Building-Up of Gray and High-Strength Cast Iron

Electrolizer

Electron-Beam Melting Installation

An Electrothermic Process for Zinc Distillation from Zinc Crust

Evaporative Cooling for Metallurgical Furnaces

Composition, méthode de fabrication et application du fil à âme de poudre 1111-42 pour le soudage de la fonte avec préchauffage

Sources de courant d'origine chimique pour appareils électriques d'usage domestique

Traitement complexe des nephelines en oxyde d'aluminium, les produits sodiques et le ciment de Portland

Machine à couper les joints de dilatation dans les revêtements de béton fraîchement mis en oeuvre

Grue de chantier l'érection d'ouvrages du type à tour

Procédé de fabrication de l'acide sulfurique par méthode de contact

Vibromalaxeur continu

OuKRIK Abatteuse de charbon

Détergent MJI-6 pour le nettoyage des pétroliers de mer

Accessoire pour le raccordement des tubulures de dérivation aux conduites à gaz haute et basse pression en service

Dispositif à étancher le rotor du réchauffeur d'air à régénération

Procédé de jonction de métaux, alliages et matériaux par diffusion sous vide et dispositif pour le réaliser

Séparateur électronique pour l'enrichissement des minéraux utiles

Machine à usiner par électro-érosion "Electrom-15"

Dispositif électrochimique de conversion des signaux d'information

Electrodes pour le soudage et le rechargement de la fonte grise et à haute résistance

Electrolyseur

Appareil de chauffage par bombardement électronique

Procédé électrothermique permettant la distillation du zinc à une croûte de zinc

Système de refroidissement des fours de métallurgie par vaporisation

Expanded Plastic (Plastic Foam)	Matière plastique mousse
Expanding Portland Cement Without Shrinkage As-tringent	Ciment Portland expansif liant sans retrait
Extrusion Die for Manufacture Double-Wall Pipes of "Pipe-In-Pipe" Type	Tête d'extrusion pour la fabrication des tubes doubles du type "tube en tube"
Extrusion Die for Manufacturing Reinforced Plastic Hoses and Pipes	Tête d'extrusion pour la fabrication de tuyaux armes flexibles et rigides en matières plastiques
Feed Preparation Machine	Broyeur-mélangeur universel
Flux-Cored Electrode for Open-Arc Welding and Welding Deposition	Fil à âme de poudre destiné au soudage et au re-chargement à l'arc découvert
Flux-Cored Electrode with Internal Backup	Fil à âme de poudre à protection interne
1111-2X2B8-0 and 1111-2X4B3o-0 Flux-Cored Elec-trodes with Internal Backup	Fils à âme de poudre avec protection interne 1111-2X2B8-0, 1111-2X4B3o-0
Flux-Cored Surfacing Electrodes	Fil à âme de poudre pour le rechargement
Type IIII – 3X2B8 Flux-Cored Wire for Welding Deposition	Fil de fer à noyau fluxé IIII – 3X2B8 pour dépôt de soudure
Flux for Soldering and Low-Temperature Soldering and Welding of Cast Iron	Flux pour le brasage et le soudo-brasage à basse température de la fonte
Francis Turbine Wheel Type Roll5 for 70 to 115 M Pressure	Roue à turbine "Francis", type Roll5, pour pression de 70 à 115 M
Galvanoplastic Method of Manufacturing Waveguide Units	Procédé galvanoplastique de fabrication des éléments des guides d'ondes
Gas Carburettor	Mélangeur gas-air
Gas-Cooled Electric Machine Rotor	Rotor de machine électrique refroidi par gaz
High-Voltage Switchgear Device	Dispositif de distribution haute tension
Hydraulic-Turbine Runner, Model PO 115	Roue de turbine type PO 115
Insulation of Windings of Electric Machines and Equipment	Isolant pour enroulements des machines et appareils électriques
KIVCET the Process and Reactor for Smelting Complex Ores and Concentrates	KIVCET, le procédé et le réacteur pour la fonte de minerais et de concentrés complexes
Laminated Material for Resistors and High-Precision Potentiometer	Matière feuilletée pour résistances et potentiomètre de haute précision
Linear Pneumatic Resistance Device	Résistance pneumatique linéaire
Liquid Mixture and Manufacturing Method for Foundry Cores and Moulds	Composition liquide et procédé pour la fabrication des noyaux et des moules de fonderie

Low-Temperature Recirculating Furnaces, Type IIAII  
(50 – 550°C)

Machine for Wire Binding of Bundles and Packets of  
Rolled Stock

Manufacture of Cast Microwire in Solid Fibre-Glass  
Insulation

Mechanism for Cleaning Casings and Armours of Coke  
Ovens

Method of Cable Insulation Drying and Automatic  
Insulation Testers

Method for Continuous Production of Ultrapure  
Hydrofluoric Acid and Small-Size Plant for Produ-  
cing the Same

Method and Device for the Manufacture of Primary  
Cells

Method of Digging Sloping-Wall Ditches by a Multi-  
Bucket Excavator

Method and Equipment for Cooling Worm Reduction  
Gears

Method and Equipment for Unsymmetrical Grid  
Control of Gas-Filled Rectifier-Type Converters

Method of Improving Mechanical Strength and Ther-  
mal Resistance of Glass Items

A Method for The Manufacture of Storage – Battery  
Separators

A Method of Manufacturing a Hydrophobic Additive

Method of Manufacturing Polyamide Parts of Friction  
Joints

A Method of Production Bimetallic Component Parts  
by Hard-Facing with a Fused Alloy

Method of Producing Stamped Bodies of Spark  
Plugs

Method of Production of Caprolactam from Benzene  
by Oxidation of Cyclohexane with Atmospheric  
Oxygen

Method of Production of Cellular Perlite-Plastic  
Concrete Items

Fours à recirculation à basse température type IIAII  
(50 – 550°C)

Cercluse au fil de fer de profiles métalliques en  
rouleaux ou en bottes

Production de microconducteur coulé avec l'isole-  
ment continu en verre

Mécanisme pour le nettoyage des chasis et des  
blindages de fours à coke

Procédé de séchage de l'isolant des cables de réseaux  
électriques et appareils de contrôle automatique de  
l'isolement

Procédé de fabrication en continu de l'acide fluorhy-  
drique et installation de petit encombrement pour  
sa fabrication

Procédé de fabrication des piles sèches et dispositif  
de réalisation de ce procédé

Procédé de creusement des tranchées à parois incli-  
nées à l'aide d'un excavateur à godets

Procédé de refroidissement des réducteurs à vis sans  
fin et le dispositif pour réaliser ce procédé

Procédé de commande asymétrique par grille d'un  
convertisseur ionique et dispositif de commande  
asymétrique par grille d'un convertisseur ionique

Procédé pour augmenter la résistance mécanique et  
la stabilité thermique des articles en verre

Procédé de fabrication des séparateurs pour accumu-  
lateurs

Procédé de fabrication d'une addition hydrofuge

Procédé de fabrication de pièces en polyamides pour  
sous-ensembles de frottement

Procédé de fabrication de pièces bimétalliques par  
rechargement avec un alliage d'apport fondu

Procédé de fabrication des culots emboutis de bougies  
d'allumage

Méthode de fabrication du caprolactame avec du  
benzol, par oxydation du cyclohexane par l'oxygène  
de l'air

Mode de fabrication des articles en béton alvéolaire  
à perlite plastique

Method of Production of Higher Fatty Alcohols by Direct Oxidizing N-Paraffines	Procédé de fabrication des alcools supérieurs acycliques par oxydation directe des N-paraffines
Method of Production of Highly-Dispersed Ferromagnetic Powder of Iron Carbonyl	Méthode de fabrication de la poudre ferro-magnétique de fer-carbonylique à haute dispersion
Method of Production of Synthetic Fat Acids by Oxidizing Petroleum Paraffines with Atmospheric Oxygen	Procédé de fabrication des acides gras synthétiques par l'oxydation de paraffines de naphte à l'oxygène de l'air
Method of Production of Water-resistant Gypsum Pozzuolana Cement and Constructions of It	Mode de fabrication d'un liant imperméable en ciment pouzzolanique au gypse et d'objets en ce matériau
A Method for Submerged Dual-Arc Welding with An Oscillating Forward Electrode	Procédé de soudage par deux arcs sous flux avec oscillation de l'électrode avant
Miniature Moving-Coll Instruments	Appareils magneto-électriques miniaturisés
Mining Set for Mechanized Coal Mining	Complexe pour l'exploitation mécanisée du charbon
Mobile Column Crane	Grue mobile à tour
Molding Installations for Fabrication Reinforced Concrete Constructions	Installations de moulage pour la fabrication des éléments de construction en béton armé
Moving-Iron Frequency Meter	Fréquencemètre électromagnétique
Multiple Drilling Machine for Drilling Blast Holes in Shaft Sinking	Machines à perforateurs multiples pour le fonçage des puits de mines
Multispeed Induction Motor	Moteur électrique asynchrone à vitesses multiples
New Machine for Shaping the Edge of Leathern Outsides	Nouvelle machine servant à former la bordure des extérieurs de cuir
Pickup of Halide Leak Detector	Capteur d'un détecteur haloïde de fuite
Plastic Commutator for Electric Machine	Collecteur de machine électrique en matière plastique
Pneumatic Cement Conveyer	Installation pneumatique pour le transport du ciment
Portable Methane Analyzer CMII-I ("Miner's Sputnik")	Grisoumètre Portatif CMII-I ("Le compagnon du mineur")
Powder Wire	Fil de fer à poudre
Primary Alkaline Cell	Pile galvanique alcaline
Process for Enamelling Wire without Employing Solvent	Procédé d'émaillage des fils sans recourir à des solvants
Process of Production of Hydrogen Peroxide by Anthraquinone Method with Employment of Novel Catalyst	Procédé de fabrication de l'eau oxygénée par méthode à l'anthraquinone avec utilisation d'un nouveau catalyseur

Production of Toothed Components by Radial Punching Method	Procédé de fabrication des pièces dentées par l'estampage radial
Protection Device Against Short Circuit Currents and Overvoltages in Semiconductor Rectifying Plant Employed in Electric Rolling Stock	Dispositif pour la protection du bloc redresseur à semi-conducteurs pour matériel roulant électrique contre les courants de court-circuit et les surtensions
Radiation Counter	Compteur de rayonnement radio-actif
Reaction-Turbine Drilling Method PT6 and Sinking Rigs for Its Accomplishment	Procédé de turboforage à réaction PT6 et appareils de fond pour la réalisation de ce procédé
Remote-Controlled Moulding Press Line	Chaîne de moulage à presses, commandée à distance
Rubber-Metal and Uniform-Frequency Vibro-Isolating Supports	Supports antivibrants caoutchoucométriques et équi-fréquents
Spline-Rolling Machine	Machine à laminier les arbres cannelés
Standard Set of Industrial Pneumatic Control Elements	Système d'éléments universel du matériel automatique industriel à air comprimé
Super-High Sensitive, Highly Stable and Highly Selective Broad-Band Radio Receiver System CB4	Dispositif radiorécepteur HH.F ultrasensible à bande large à haute stabilité et sélectivité
Thermocatalytic Methane-Relay	Grisoumètre avertisseur thermocatalytique
Top-Pressure Operated Blast Furnaces	Hauts-fourneaux à pression élevée des gaz
Turbodrill with Sloping Pressure Curve	Turboforeuse à ligne de pression tombante
Type OB-578M Flux Melting Furnace	Four de fusion de flux OB-578M
Type IIAII Low-Temperature Recirculatory Heating Installations	Installations de chauffage à basse température à recirculation type IIAII
Universal Cokeless Cupola Furnace	Cubilot universel marchant sans coke
Universal Truck Tyre Assembly Bench C11AY-65N	Machine universelle C11AY-65N à confectionner les pneus pour camions
Vibrating Mill for Fabrication of Reinforced Concrete Structural Elements	Laminoir pour la fabrication d'éléments en béton armé par vibrolaminage
Vibroplatform	Plateau vibrant
Welding Fluxes	Flux de soudage
Well-Top Casing Resistance-Welding Machine	Installation pour le soudage par résistance des tubes de revêtement au-dessus de la bouche d'un forage
Wire-Tying Machine	Machine à lier les couronnes et les paquets de produits laminés avec un fil métallique

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

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

**Thermal Transpiration Pump****Case No. 3958**

A high vacuum pump which uses no oils or vapours and has no moving parts or electrical connections. It is essentially a passage with alternate regions having atomically smooth and atomically rough walls. It pumps continuously as long as temperature differences exist between the regions.

**Planetary Electrical Contact****Case No. 4127**

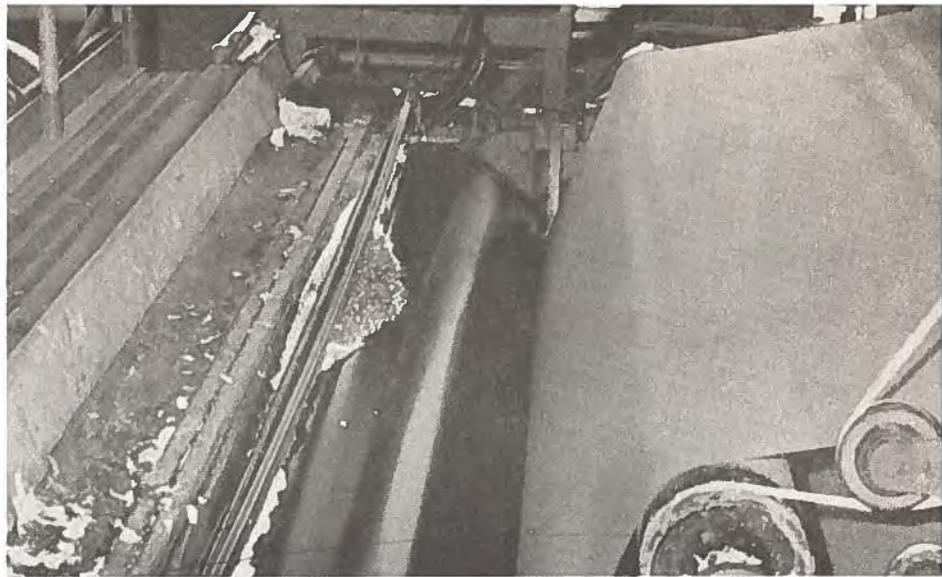
A system for conducting electrical signals between two members that can rotate. It comprises modified planetary gearing, spring loaded to provide good contact and to ensure a wiping action that prevents dirt from collecting on the contacting surfaces.

**Microwave Dielectric and Moisture Meter****Case No. 4194**

A microwave slow-wave structure having an open face that can be placed in contact with a flat surface or with sheet material. The tuning of the structure is very dependent upon the dielectric properties of the sample material and can indicate changes in moisture content, thickness, etc.



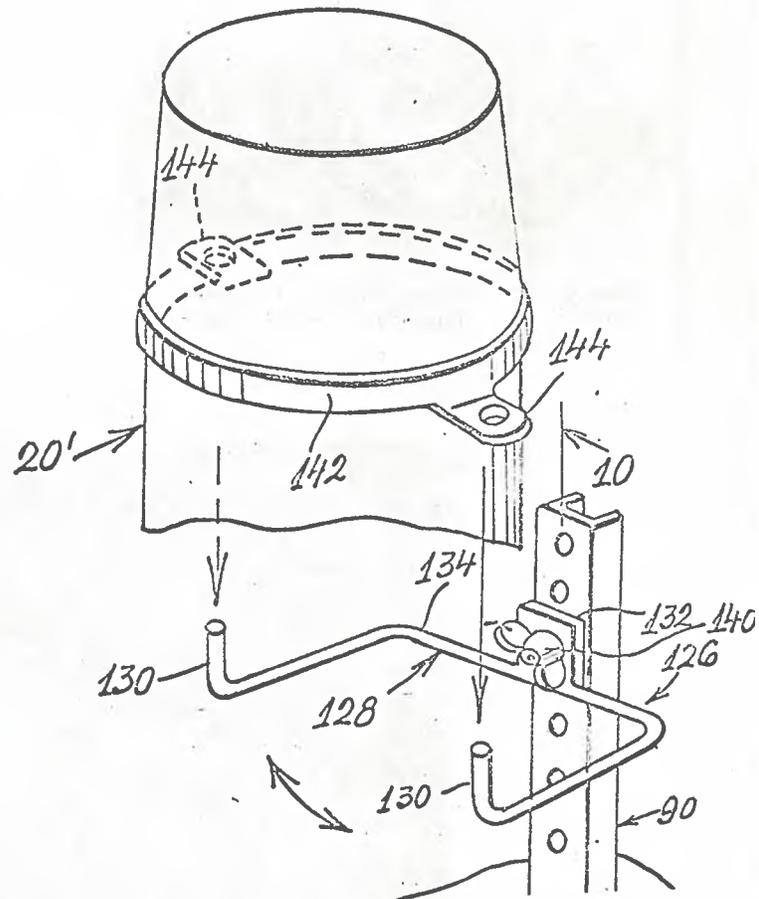
Item 2276 — Wooden Toys  
 Article 2276 — Jouets en bois



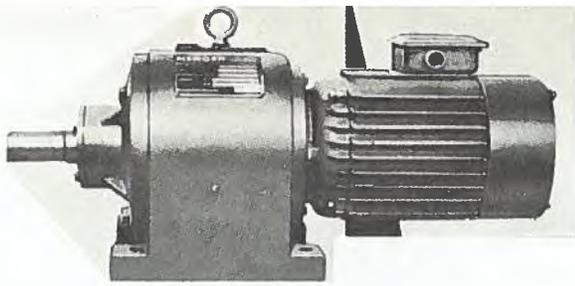
Item 2273 — Rubber Covering for Paper Mill Rolls  
 Article 2273 — Revêtement en caoutchouc pour rouleaux d'usines de papier



Item 2281 — Self-Heating Thermos Bottle  
 Article 2281 — Bouteille Thermos auto-chauffante



Item 2280 — Dashboard Clamping Device  
 Article 2280 — Support de tableau de bord



Item 2268 — Gear Reduction Units  
Article 2268 — Moto-réducteurs de vitesse



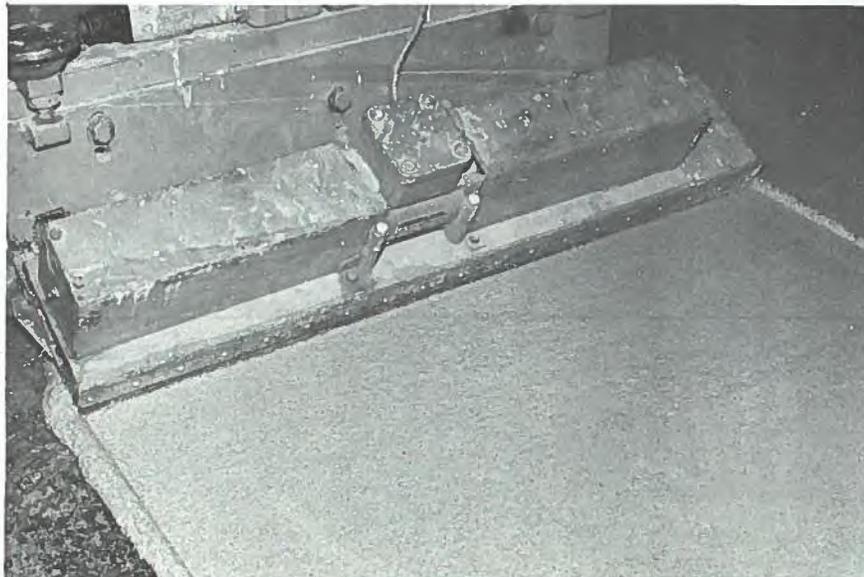
Item 2278 — Portable Baler  
Article 2278 — Emballeuse portative



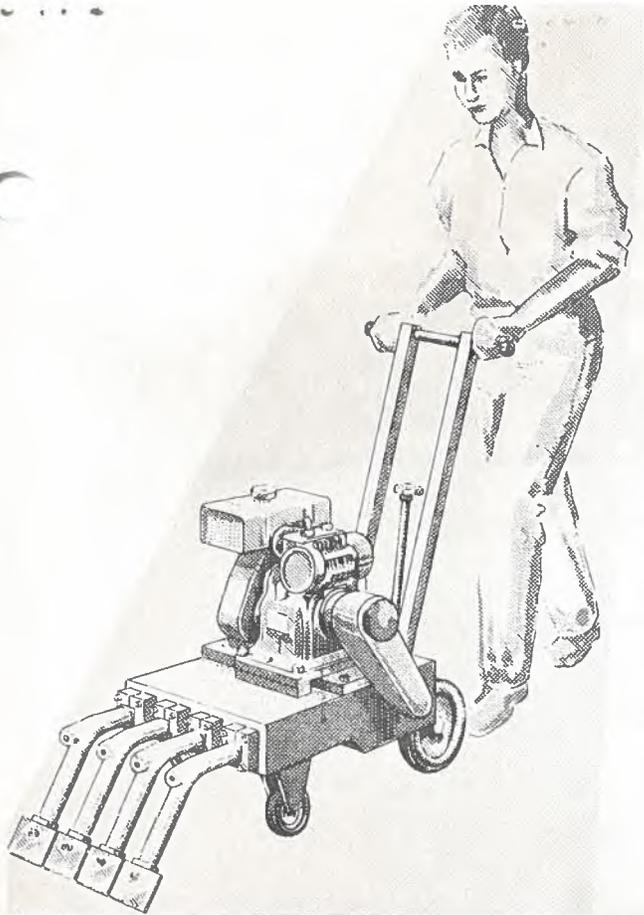
Item 2270 — Pressure-Sensitive Label Stock  
Article 2270 — Etiquette adhésive par pression



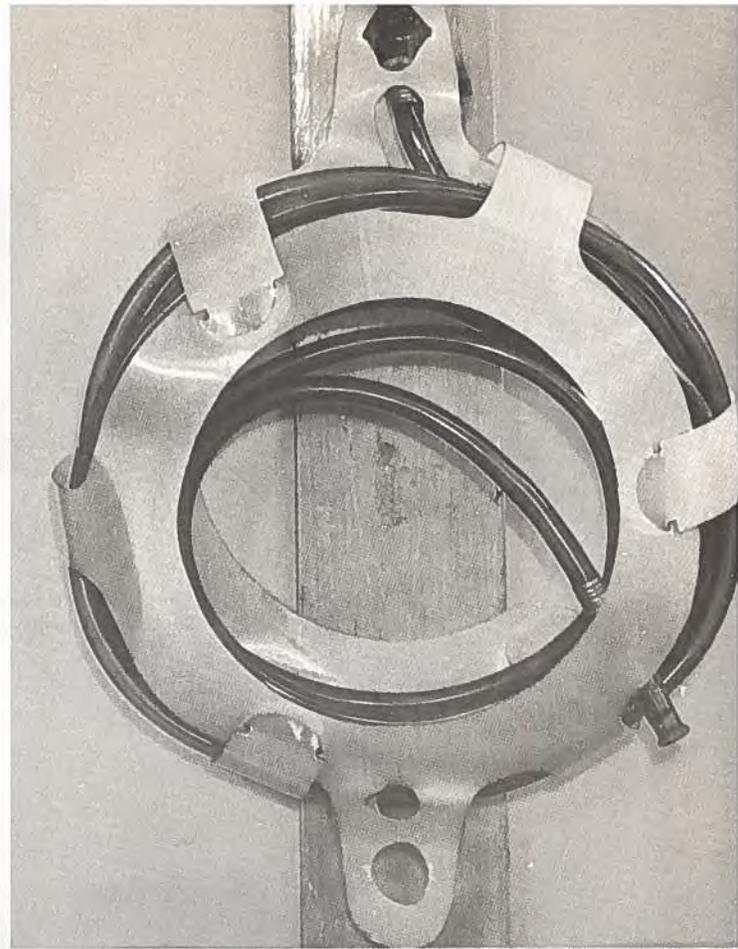
Item 2269 — Mitre Saws  
Article 2269 — Scies à onglets



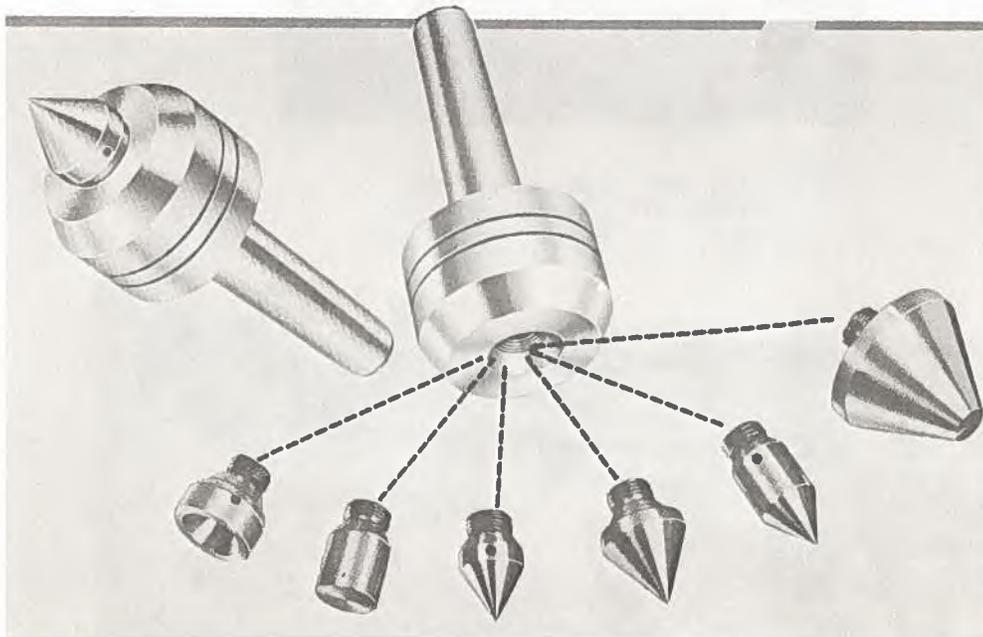
Item 2265 — Floor Covering Material  
Article 2265 — Revêtement à sols industriels



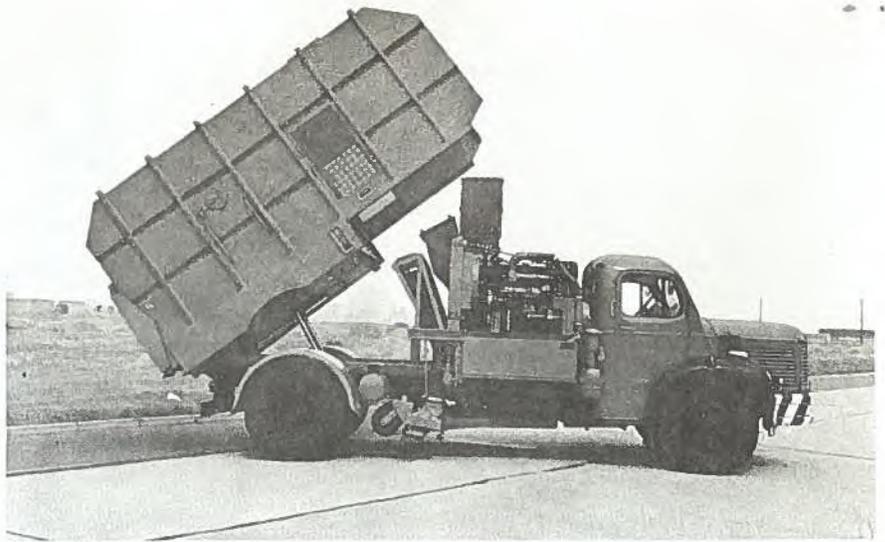
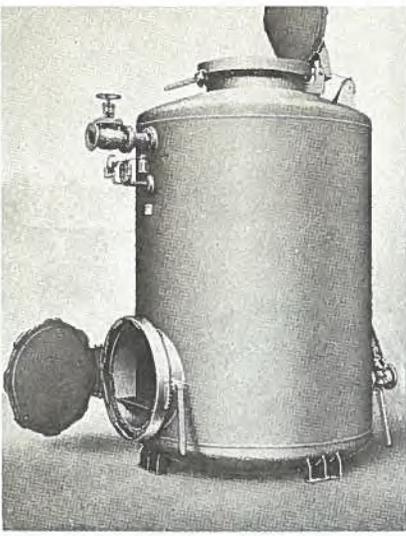
Item 2277 — Floor Scraper  
Article 2277 — Racleuse pour sols industriels



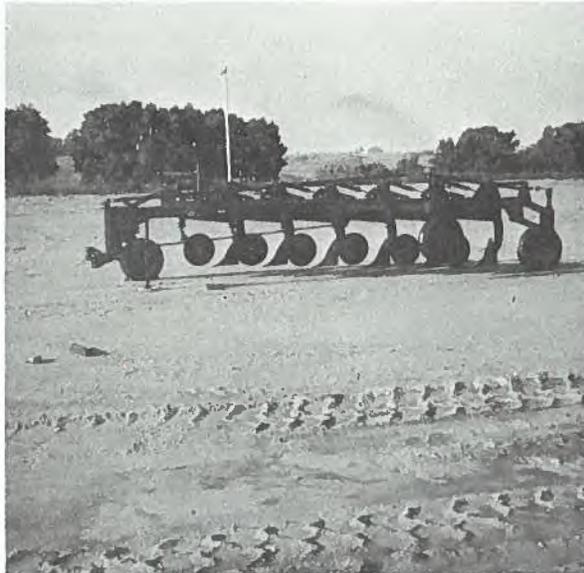
Item 2279 — Plastic Hose Reel  
Article 2279 — Dévidoir en plastique pour boyaux



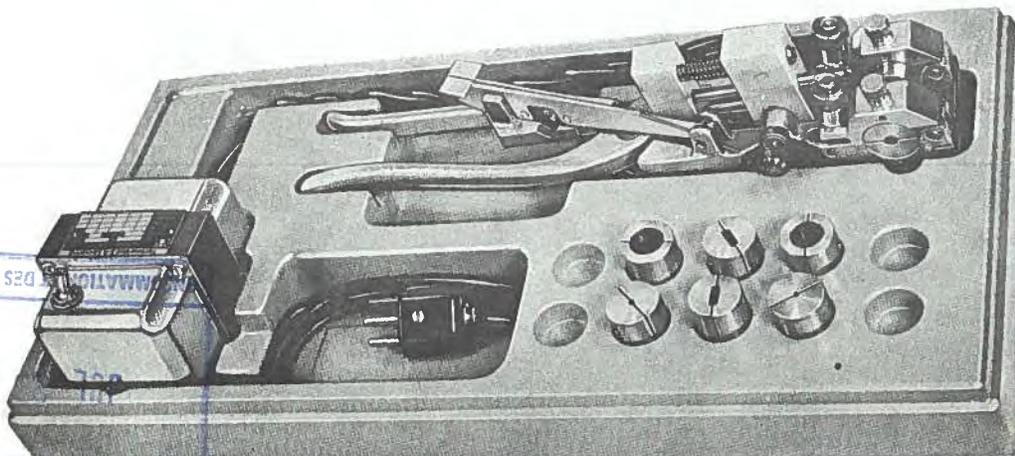
Item 2267 — Machine Tool Accessories  
Article 2267 — Accessoires de machines-outils



Item 2264 — Municipal Vehicles and Industrial Equipment  
Article 2264 — Véhicules municipaux et matériel industriel



Item 2274 — Mouldboard Plow  
Article 2274 — Charrue à disque



Item 2272 — Electrical Apparatus for Welding Plastics  
Article 2272 — Appareil électrique pour le soudage de plastiques