

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:

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BULLETIN 169

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DECEMBER, 1969

Prefabricated Movable Partitions

Item 2130

Belgian firm offers for license the Canadian production and marketing rights for its prefabricated movable partitions. These 3½" thick partitions consist of extruded aluminum horizontal and vertical framing members faced on both sides with ½" panels of a wide range of materials including furniture steel; steel with plastic veneer; plastic laminate; vinyl cloth bonded to plasterboard, hardboard or plywood; hardwood; or anodized aluminum. A 2½" thick insulation core between the panels, and acoustic breaks at the framing members, reduce sound transmission. Any panel or side of a panel can be readily removed without disturbing adjacent panels. Literature available. See illustration.

P.V.C. Compounds and Plastisols

Item 2131

British firm offers under license the Canadian production and marketing rights for its P.V.C. compounds and plastisols, suitable for further processing into a wide variety of products including flooring, supported and unsupported sheeting, building and automobile components, bottles and other containers. British firm would provide engineering design requirements, equipment, formulations, production and marketing know-how, and training of Canadian personnel at the British plant. Export rights (excluding the U.S. market) are subject to negotiations. Literature available.

Polyester Powders for Protective Coatings

Item 2132

Polish state-operated agency offers a licensing arrangement to a Canadian manufacturer for a method of manufacturing polyester powders for protective coatings from foil or fibre wastes using simple, unpressurized apparatus. The protective coatings incorporating these polyester powders have waterproof, chemical resistant and electro-insulating properties. Savings in production cost and processing time of 20% and 50% respectively, and a product equal in quality, are claimed for this method when compared with the production of polyester powders from dimethyl terephthalate. The licensor will provide technical assistance, documentation and know-how. Literature available.

Laminated Polyurethane Rigid Foam Elements**Item 2133**

West German firm offers for license the exclusive Canadian production and marketing rights for a patented process for the continuous line production of laminated foamed-in-place polyurethane rigid foam elements. The surface laminations may be flexible materials such as paper, metal or other foil, or rigid materials such as plywood, asbestos, cement or gypsum board. Profiled or shaped laminations may also be used. The rigid foam elements produced may be used as insulating panels in home and industrial building construction as well as in the cooling and shipbuilding industries. The production machinery has a layer capacity of 27,000 sq. ft., a foam material thickness of 1 $\frac{1}{4}$ " and requires an operating staff of from 3 to 5. The total length of the installation is approximately 130 ft. The licensor will provide the production machinery, designs, and technical information and assistance. Literature available. See illustration.

Method of Smoking Meats and Other Foods**Item 2134**

American firm offers for sale or license the Canadian production rights and the Canadian and world-wide marketing rights for a new method of smoking meat and other foods. It is claimed the process utilizes refined liquid smoke rather than a smoke flavouring. The refined smoke is an aqueous solution produced by the counter-current exhaustion of hardwood smoke vapours with water to a controlled concentration. The method reconverts this refined liquid smoke back into a hardwood vapour which may be used to smoke meats, fish, poultry, cheese, snacks and other specialty items. The system includes a small liquid pump and drum connected by an air line to a series of atomizing heads located along the floor of the smoke house. Advantages claimed for this U.S. Dept. of Agriculture approved process are — push button control of smoke colouring and flavouring, reduced labour costs, uniform colour and flavour, reduced processing time and cost, the elimination of fire hazards and reduced smoke house cleaning requirements. Literature available.

Lifting Tools**Item 2135**

West German firm is seeking a licensing arrangement with a Canadian manufacturer to produce and market its line of lifting tools which enable loads to be raised or lowered in a continuous movement, and to be supported in any position by a self-locking device. The supporting columns or tubes require no screw threads, spindles, tooth rack or pins. Hardened gear teeth in the tool's lifting rollers grip the supporting column and cut their own gear teeth in the column. The line of tools includes a car jack, one-man lift, working platform, shuttering unit, trench prop and a $\frac{3}{4}$ ton building jack. The Canadian licensee should possess adequate capital and fabrication and sales facilities. Literature available. See illustration.

Aluminum Guard-Rail**Item 2136**

French firm is seeking a licensing arrangement with a Canadian firm for the production and marketing of its aluminum guard-rail. The sections of the guard-rail snap together, permitting it to be rapidly and easily assembled on site without the use of bolts or screws. The simple one-stage manufacturing operation necessitates only a small investment in production tools. Other advantages claimed are the weight, which is up to 15% less than similar products, strength, low cost of transportation, and an attractive appearance. The licensee should be an aluminum processor with a commercial sales staff. Literature available. See illustration.

Commercial Baking Ovens and Confectionery, Pastry and Pizza Ovens**Item 2137**

Swiss firm offers to a Canadian manufacturer a licensing arrangement to produce and market its line of commercial ovens for hotels, snack bars, bakeries, etc. Advantages claimed include modern construction, reliability and low power and fuel costs. The Canadian licensee should have competent staff to perform assembly, installation, service, sales and display functions. The Swiss firm will establish model installations in Canada and provide specialists to assist with the assembly and operation of machinery and equipment. Literature available. See illustration.

Automatic Folding Machine**Item 2138**

Canadian inventor offers for sale the world-wide production and marketing rights for an automatic folding machine for folding papers, blueprints, drawings, maps, etc. with sheet sizes of up to 25" x 44". It can also be manufactured to handle other sheet sizes. Each sheet is folded in approximately 8 to 10 seconds to an 8 $\frac{1}{2}$ " x 11" filing cabinet size. No adjustments are necessary if the materials being folded are of different sheet sizes. It is claimed the machine is ten times faster than a manual folding operation. Literature available. See illustration.

Grass and Undergrowth Cutting Machines**Item 2139**

French firm is seeking a licensing arrangement with a Canadian manufacturer to produce and market its machines for cutting grass, weeds and undergrowth, including bushes and shrubs with trunks up to 4" in diameter. The machines are powered by gasoline engines, have 16 - 32 tooth circular saws and may be carried during operation on the user's back or on a two-wheeled cart. They are efficient at cutting vegetation close to the ground and are suitable for use on uneven terrain as well as for cutting between close rows of plants. Additional advantages claimed include lightness, easy handling, a fast and accurate cut, high efficiency and a low operating cost. Literature available. See illustration.

Washing Attachment for Vacuum Cleaners**Item 2140**

British firm offers for license the exclusive Canadian production rights and the Canadian and American marketing rights for a washing attachment which can be used with all makes of vacuum cleaners. The plastic attachment connects to the vacuum cleaner's hose and uses warm water, with or without detergent, to dissolve the solids in the carpet which are then removed by the vacuum cleaner and deposited in the attachment's bucket. It is said to be capable of cleaning carpet pile without wetting the web and therefore will not cause shrinkage. The device may also be used to clean upholstery, floors and windows. The Canadian licensee should be a manufacturer of plastic components and have a sales organization. Literature available. See illustration.

Oil Storage Tank Inspection Device**Item 2141**

West German firm offers under license the Canadian production and the Canadian and American marketing rights for an oil storage tank inspection device to measure the degree of contamination, i.e., amount of condensate, paraffin segregation, oil sludge and corrosive deposits, in the tank. This device permits quick and easy cross-sectional measurements to determine the degree of piling up of sediment in the tank as well as measurements, by extraction of samples, to indicate the nature of the accumulated sediments at the bottom of the tank. They may be used with above and below ground tanks of up to 100,000 gallons capacity, and with all types of cellar and battery tanks, without the necessity of lifting the tank's man-hole cover. Literature available. See illustration.

Motor Vehicle Braking Signal**Item 2142**

American firm offers under license the Canadian production and marketing rights for an automotive safety signal device designed to enable a motor vehicle driver to signal to the right, front and left of his vehicle his intention to stop or slow down. The device, an amber light housed in a black moulded plastic case, is mounted directly in front of the rear view mirror on the inside of the wind-shield, offering no obstruction to the forward view. The system is electronically locked into the brakeline. As soon as the driver's foot touches the brake, the light goes on indicating the driver is braking to allow pedestrians to cross the street, or to permit other cars to turn right or left, or proceed through the intersection. Normal rear mounted stop lights go on at the same time and signal vehicles at the rear of the car. There is also a small indicator red light on the driver's side of the signal at eye level to keep drivers from riding the brake pedal. Literature available. See illustration.

Soap Bubble Solution and Bubble Producing Devices**Item 2143**

German firm offers for license the Canadian production rights and the Canadian and American marketing rights for soap bubble producing devices and bubble fluid that is said to produce an unusually large quantity of colourful bubbles. Toys include (1) a 4" x 1" pocket-size cylindrical container holding the fluid with a bubble producing ring attached to the cap and (2) a container of liquid with a pan and large collapsible ring of plastic for producing extra-large size bubbles. Bubble producing devices include an electric bubble blowing machine which continuously produces scores of bubbles and a 26" high electrically operated bear which automatically blows bubbles. The licensor will supply the concentrate for the manufacture of the bubble solution. The licensee will be required to supply the plastic components. Literature available. See illustration.

Plastic Pouring Spout and Sealing Cap**Item 2144**

Austrian firm offers for license the exclusive Canadian production and marketing rights for a new plastic pouring spout with an unlosable sealing cap for use with most types of containers of liquids. It is easily opened, pours steadily and permits no after-drop when pouring is stopped as the sharp edge of the spout cuts off the liquid's flow. The licensee should be a plastic products manufacturer, possibly with a specialization in closures. The licensor would provide extensive technical assistance and, if required, finished production moulds. Literature available. See illustration.

Anti-Drip Pouring Inserts**Item 2145**

British inventor offers under license the North American production and marketing rights for a plastic anti-drip pouring device which is inserted inside the necks of bottles containing sauce, ketchup or other thick liquids, and prevents dripping when the liquid is poured. The insert is designed so that the contents of the bottle pour out through a funnel in the centre of the insert and the drips run down the outside of the funnel through drain holes back into the bottle. The insert prevents the contents from running down the outside of the bottle's neck, thus keeping the outside of the bottle clean and eliminating waste. A second model combines a bottle cap with the anti-drip insert. Literature available. See illustration.

Hinge**Item 2146**

American inventor offers for sale or license the Canadian production and marketing rights for a new type of hinge designed for securing a swinging gate, door or other object to a vertical support such as a post. The hinge consists of a vertical spindle secured at opposite ends to vertical off-set brackets which are in turn secured to the vertical support or post. This hinge has not been commercially proven and therefore may require further development. Literature available. See illustration.

Exercise Device**Item 2147**

American inventor offers for license or outright sale the Canadian production and marketing rights for an exercise device consisting of a sliding flat seat or platform on a frame which tilts back and forth in conjunction with the movement of the sliding seat. When the user sits on the device the seat slides to the rear of the frame and causes the frame to tilt back. The user, either by pushing on handles or pulling on a cable which is connected by a pulley to the seat, can pull the seat and himself upward against the force of gravity to the front of the frame which then tilts forward. The device can be used for stretching exercises, building muscles, removing excess weight, improving circulation and breathing, and for enjoyment. This exercise device has not yet been commercially produced and may require further development by the licensee. Literature available. See illustration.

Light Detection Apparatus For Use By the Blind**Item 2148**

American inventor offers for sale or license the Canadian production and marketing rights for an electronic light detection apparatus to enable blind persons whose visual center is intact to distinguish between darkness and light. The apparatus has two battery-powered photoelectric cells, one for each eye, which are connected to electrodes implanted in the user's skull at the visual center of the brain. These photoelectric cells, when exposed to visible light, produce a current flow which stimulates the visual center to send signals to the perception center of the brain whereby a perception of light ensues. This product has not been previously manufactured and may require further development. Literature available.

Apparatus for Checking Credit Cards**Item 2149**

American inventor offers for sale or license the Canadian production and marketing rights for an apparatus which electronically compares a list of credit card numbers representing poor credit risks or stolen cards with the credit card being checked, and indicates if credit should be given. The apparatus consists of an electric motor, a paper roll carrying a readily changeable list of credit card numbers, an electric scanner and comparator and the housing with a card receiving slot. When a credit card to be checked is inserted into the apparatus its number is scanned and compared with the numbers on the list. If the list does not have the number being checked, a green light glows indicating credit can be given. If the list does include the number, a red light glows indicating credit should not be given. This apparatus has not been previously manufactured and further product development by the licensee may be necessary. Literature available. See illustration.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

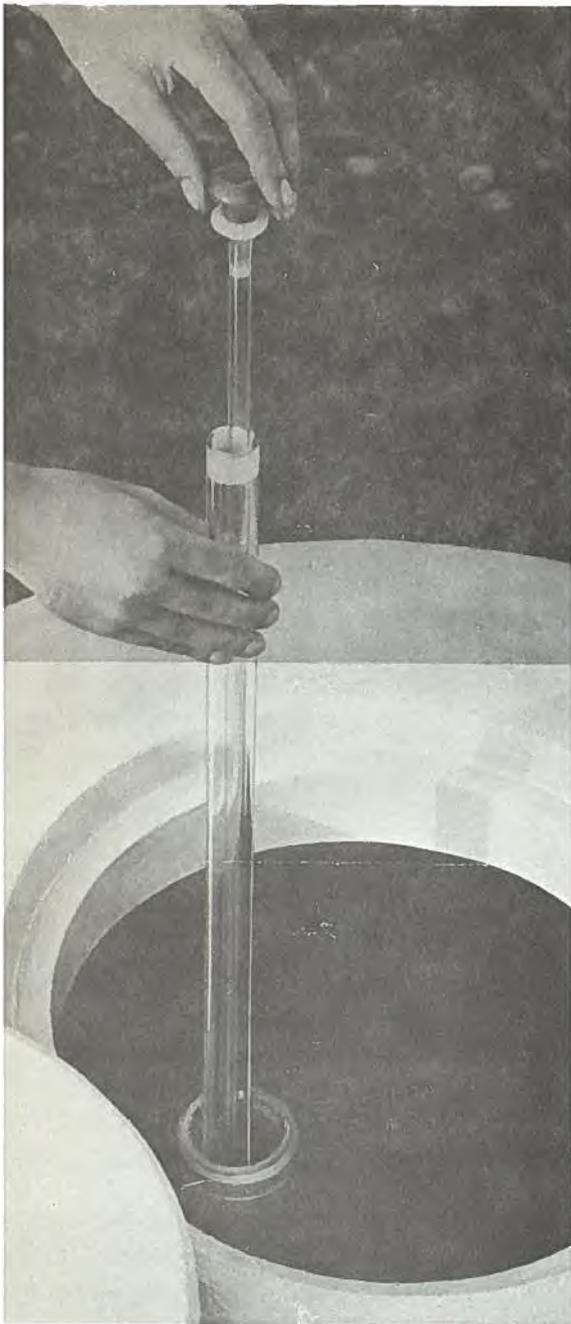
Canadian Patents and Development Limited,
275 Slater Street,
Ottawa 4, Ontario.

New Pattern Materials Incorporating Binder for Precision Casting**Case 4100**

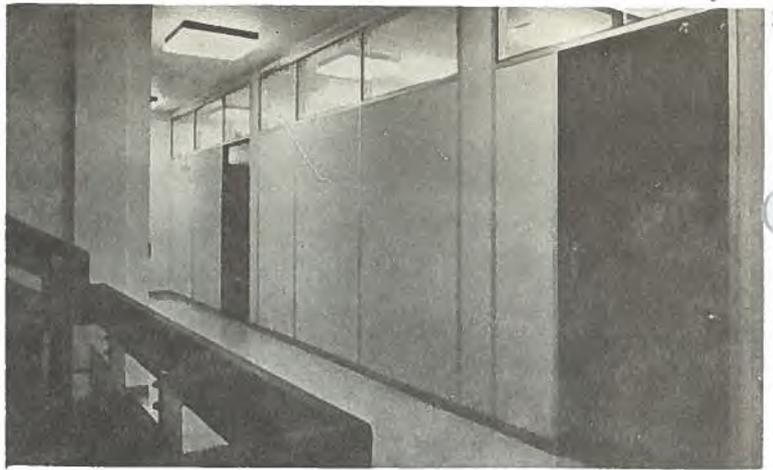
New pattern materials, incorporating a binder, which reduce the amount of investment material and binder required, simplify mould preparation and minimize cracking and fire hazard.

Moisture Control in Textile Dryers**Case 4295**

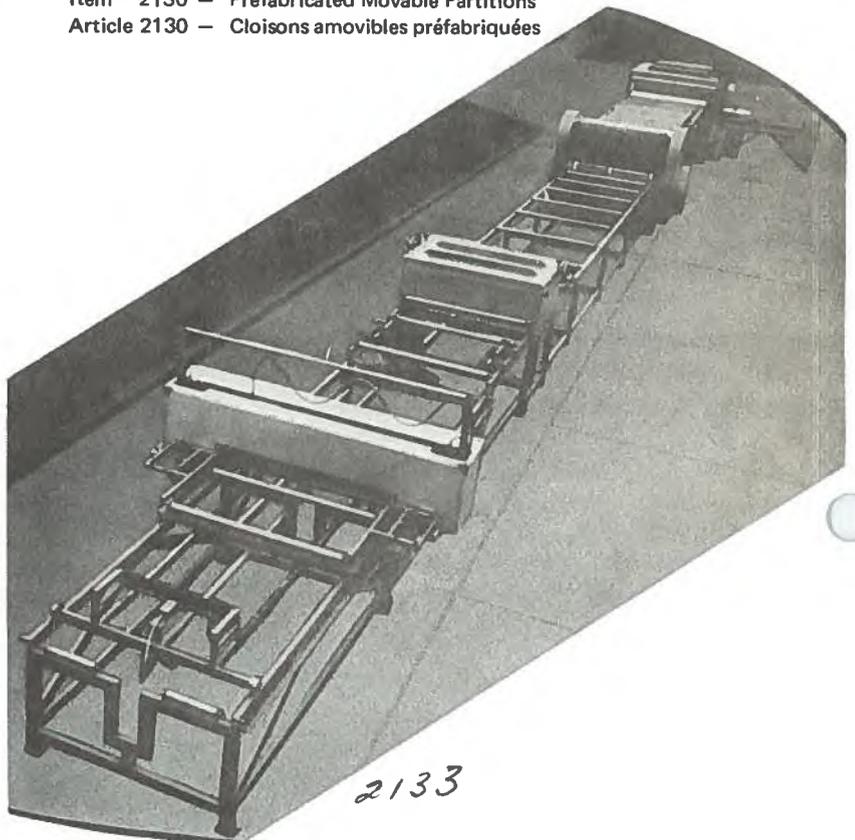
An inexpensive way to determine the moisture content of cloth as it emerges from a hot air drier. The signal is derived by combining thermistor readings of the temperature of the air in the drier and of the cloth surface. Cloth speed can then be controlled for fast drying to a required level without overdrying or overheating.



Item 2141 — Oil Storage Tank Inspection Device
 Article 2141 — Appareil servant à l'inspection des réservoirs de stockage du pétrole



Item 2130 — Prefabricated Movable Partitions
 Article 2130 — Cloisons amovibles préfabriquées



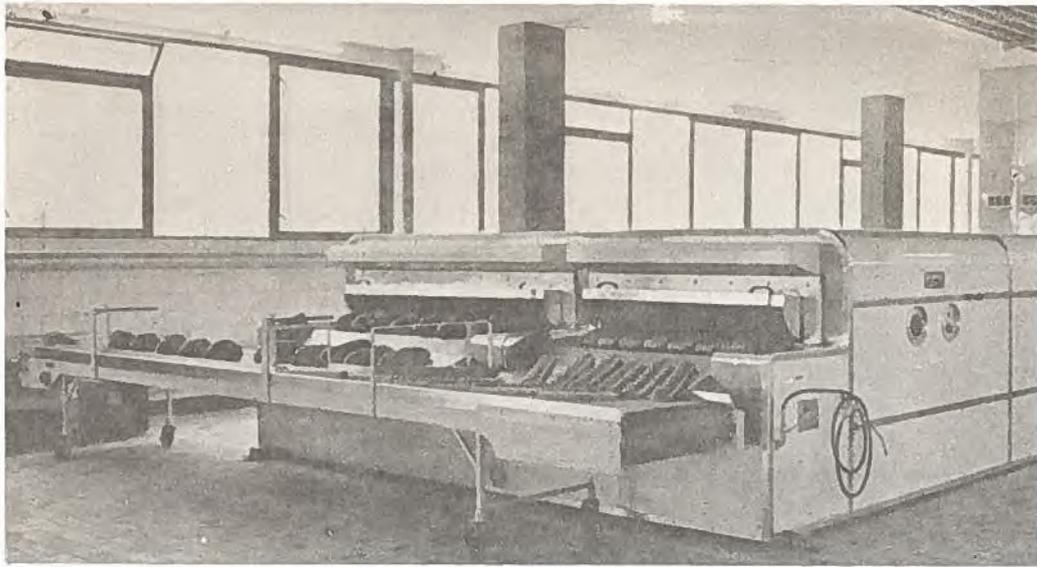
Item 2133 — Laminated Polyurethane Rigid Foam Elements
 Article 2133 — Procédé pour la production d'éléments de mousse rigide en polyuréthane laminé



Item 2142 — Motor Vehicle Braking Signal
 Article 2142 — Signalisation de freinage pour véhicule-automobile

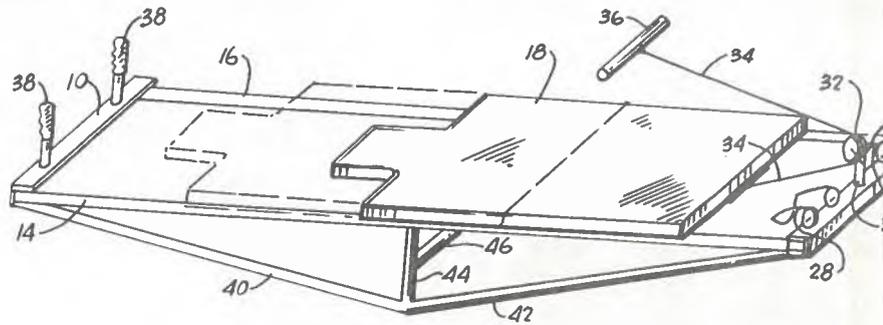
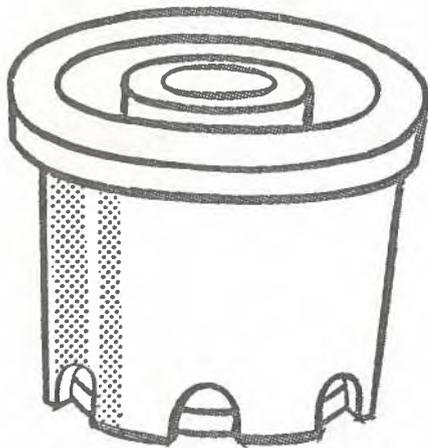


Item 2143 — Soap Bubble Solution and Bubble Producing Devices
 Article 2143 — Solution pour bulles de savon et dispositif produisant des bulles



Item 2137 - Commercial Baking Ovens and Confectionery, Pastry and Pizza Ovens

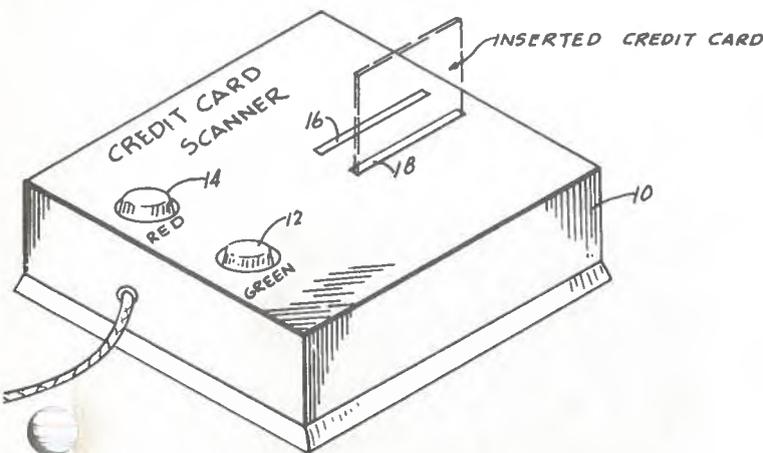
Article 2137 - Fours commerciaux utilisés en boulangerie, en confiserie, en pâtisserie et à la cuisson de pizzas



Item 2147 - Exercise Device

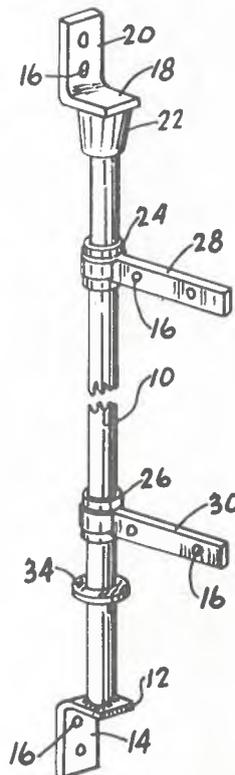
Article 2147 - Appareil de culture physique

Item 2145 - Anti-Drip Pouring Inserts
Article 2145 - Insertions anti-égouttement

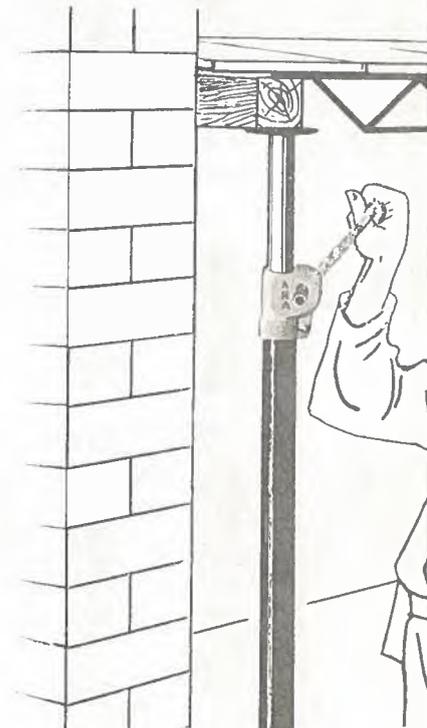


Item 2149 - Apparatus for Checking Credit Cards

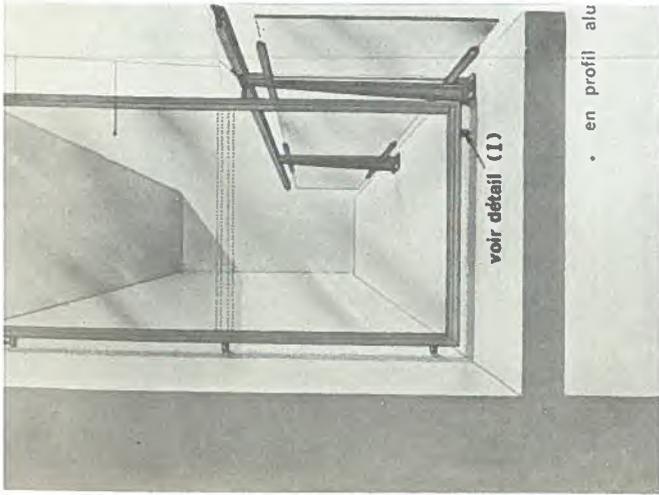
Article 2149 - Appareil de vérification des cartes de crédit



Item 2146 - Hinge
Article 2146 - Gond



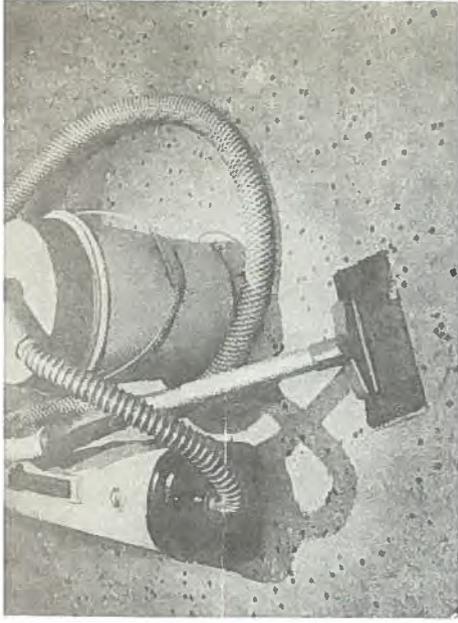
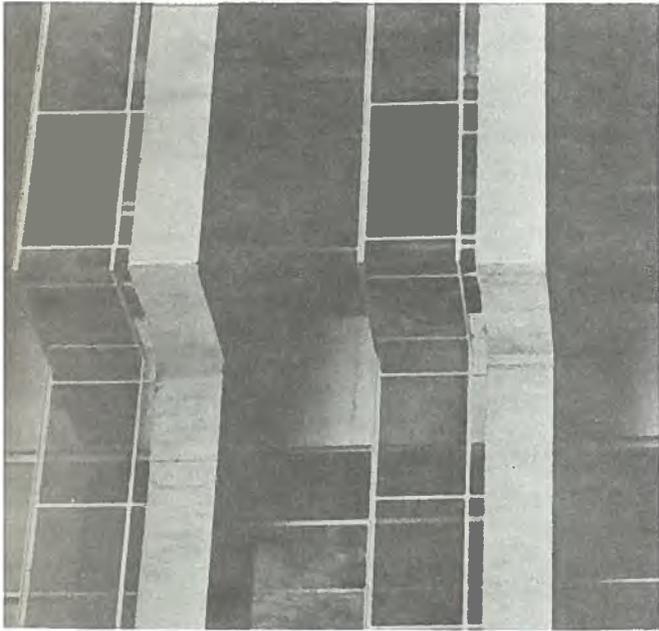
Item 2135 - Lifting Tools
Article 2135 - Outils de levage



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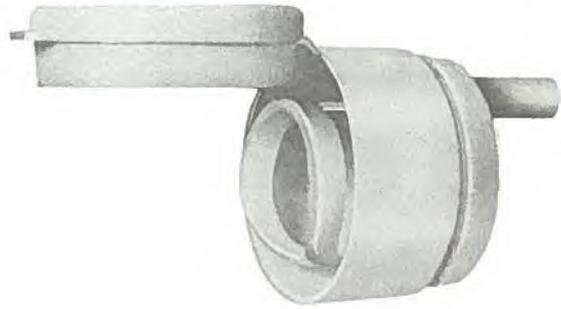
Item 2136 — Aluminum Guard-Rail
Article 2136 — Garde-corps en aluminium



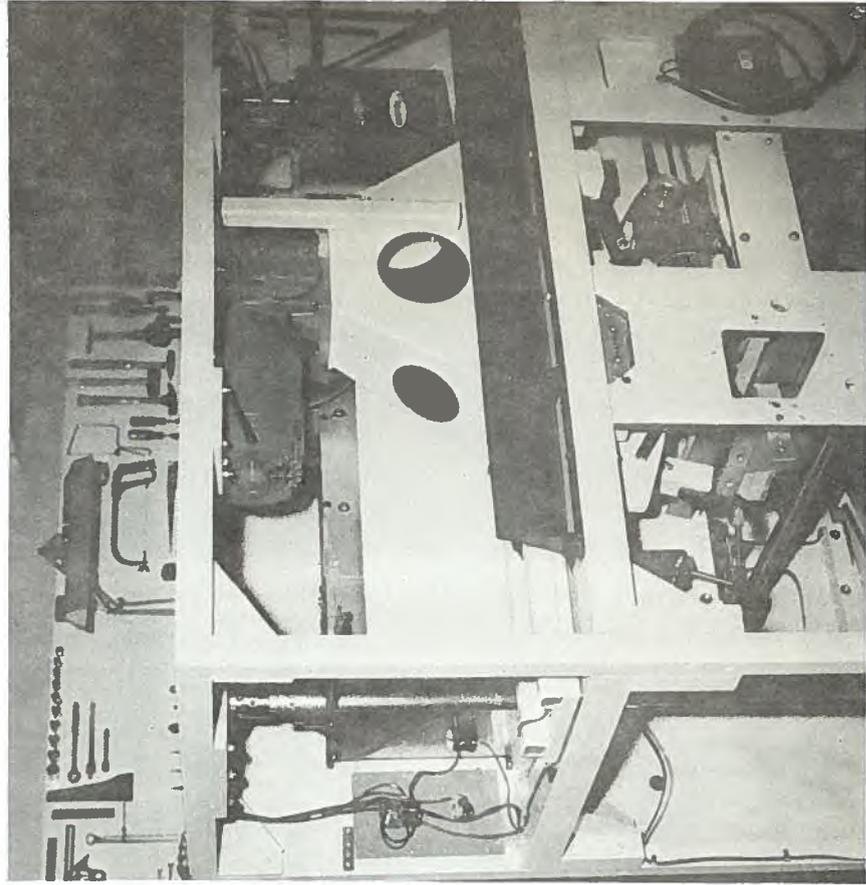
Item 2140 — Washing Attachment for Vacuum Cleaners
Article 2140 — Accessoire de nettoyage pour aspirateurs



Item 2139 — Grass and Undergrowth Cutting Machines
Article 2139 — Débroussailluses



Item 2144 — Plastic Pouring Spout and Sealing Cap
Article 2144 — Bec et capsule de plastique



Item 2138 — Automatic Folding Machine
Article 2138 — Plieuse automatique