

new products bulletin

INDUSTRIAL AND TRADE
ENQUIRIES DIVISION

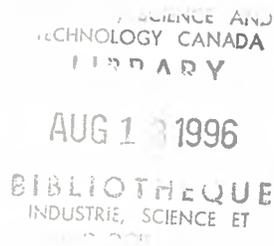
DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE
OTTAWA
CANADA

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



BULLETIN 167



OCTOBER, 1969

Waste Disposal Grinding Machines

Item 2097

American firm offers for license the Canadian production and marketing rights for a line of portable or stationary grinding machines which reduce waste lumber, roofing, pallets and light non-salvageable metal into chips, suitable for land-fill or cover. One machine in the line decreases the volume of the waste by two-thirds and is said to be capable of reducing a three bedroom house to chips in one-half a day. Another machine is specially designed to grind up pallets, dunnage, and other light, non-salvageable industrial waste. It disposes of ten 36" x 48" pallets per minute and can handle wood 5 ft. wide, 8 in. high, of any length. The areas of application for the machines include demolition contracting, land-fill sites, in-plant waste disposal and military installation waste disposal. The licensee's production facilities should include a 10 ton capacity overhead crane. The licensor would provide drawings and technicians. Export rights are subject to negotiation. Literature available. See illustration.

Row Marker

Item 2098

American inventor offers for sale or license the exclusive or non-exclusive Canadian production and marketing rights for an agricultural row marker apparatus. The row marker is attached to a farm tractor or implement and marks a line, which is visible at night, on the ground parallel to the tractor's line of movement. The marked line, which is made with a luminous fluid, permits the farmer to seed or follow a straight furrow at night. The apparatus consists of two marker arms or pipes which can be raised and lowered, connected to containers of marker fluid. When the arms are lowered, the marker fluid flows out through a nozzle in the arm marking a line on the ground. The Canadian firm should have suitable manufacturing and distribution facilities. Literature available. See illustration.

Ladder Safety Device

Item 2099

French inventor is seeking a licensing arrangement with a Canadian manufacturer to produce and market a safety device consisting of two telescopic tubular supports which are fastened to the outer sides of a ladder so as to increase the ladder's base area and stability. The device reduces the risk of the ladder rotating on one leg or slipping outwards or to the side. Interested firms should have a well-organized distribution system. Literature available.

Sheltering System for Sports Fields**Item 2100**

Belgian inventor offers under license to a suitable Canadian manufacturer the exclusive world-wide production and marketing rights for a new fully automatic sheltering system designed to protect sports fields, particularly soccer fields and tennis courts. The system consists of a plasticized semi-transparent canvas over a framework of fiber glass poles, electric motors, hydraulic and pneumatic drives, rails and skids. The shelter spreads out by means of an electric drive, forming an arch over the area to be protected. By reversing the drive, the shelter folds back into its underground housing leaving the playing area and approaches free from all obstructions which might impede the game. This shelter system is claimed to keep natural playing fields in excellent condition thus eliminating the need for synthetic fields which cost five times as much as the shelter system. Literature available. See illustration.

Tire Boot**Item 2101**

American firm offers for license the exclusive Canadian manufacturing and marketing rights for a patented tire boot for use in repairing all types of pneumatic tires, particularly heavy truck tires. This boot has a concave depression or slot in the center which is positioned directly over the puncture or cut when the boot is cemented to the tire casing. The conical shape of the boot relieves the air pressure on the damaged section and prevents this pressure from pushing the boot into the puncture and tearing it further. The Canadian licensee should have a sound merchandising and promotional approach in the introduction of new products, competent staff, associated product lines and capital. The American firm will provide technical assistance, formulas, casting dies and training in successful sales techniques. Export rights would be subject to negotiation at a later date. Literature available. See illustration.

Educational Lamp, Career Savings Club Plan, and Combination Drinking Cup and Savings Bank**Item 2102**

American inventor offers for sale or license the Canadian and foreign production and marketing rights for an educational lamp and a combination drinking cup and savings bank and the Canadian production and marketing rights for a career savings club plan. The educational lamp has a model of an electric power generating station and transmission system on its base. The combination drinking cup and savings bank has raised symbols depicting a career on its outer surface and a lid for conversion to a savings bank. The career savings club plan, which includes a savings account book, button, coin bank and school book carrying case all decorated with career symbols, is said to be suitable for banks and savings and loan associations as an incentive to interest young people in opening savings accounts. Literature available. See illustration.

Collapsible and Portable Fork Lift**Item 2103**

Israeli inventor wishes to enter into a licensing arrangement with a Canadian manufacturer to produce and market a collapsible and portable fork lift or hoisting apparatus for use in trucking. The mast and fork of the fork lift are completely retractable and permit attachment of the fork lift by means of a piston to the underside of the truck body, where it remains while the truck is in motion. The portability feature of this fork lift facilitates loading and unloading of the truck at locations where there is no loading platform or fork lift. No design changes in the truck are necessary to use the fork lift and when it is attached to the underside of the truck body there is no obstruction of the driver's visibility. The licensee should have substantial capital, manufacturing facilities, sales and service staff and preferably should have connections in the trucking industry. Export rights are subject to negotiation. Literature available. See illustration.

Palletizing and Conveying Equipment**Item 2104**

British firm offers under license the Canadian production and marketing rights for palletizing and conveying equipment. The semi or fully automatic palletizing machines arrange crates, cartons, parcels and sacks into a symmetrical unit load on pallets up to 50" x 52" with a stack height of 6' inclusive of pallet, and deliver the load to a fork lift or other loading vehicle. Advantages claimed over manual pallet stacking are savings in labour, time, warehouse space and breakage. The conveying equipment includes flexible chain conveyors; gravity roller, powered roller and belt conveyors; and elevator, screw, vibratory and slat conveyors. The licensee must be selling in the food and beverage field and preferably should be a conveyor manufacturer. The sales staff must be supported by technical and after sales service. Literature available. See illustration.

Cellular Plastic Production and Storage Machinery**Item 2105**

American firm is seeking a joint venture or licensing arrangement with a Canadian manufacturer to produce and market in Canada a broad line of machinery for the production and storage of rectangular or round flexible foam and rectangular rigid foam in continuous length, foam-cored panels, refrigerator doors, building components, bonded filler matting, cementing lines and scrap foam rebonding. Future product developments would also be included in the arrangement. Canadian firm should have mechanical and light electrical engineering capabilities, machine shop and sheet metal facilities, and a sales organization. American firm would provide know-how and training. Literature available. See illustration.

Material Handling Equipment**Item 2106**

American firm is seeking a joint venture or licensing arrangement with a Canadian manufacturer to produce and market in Canada its full range of specialized material handling equipment, and future product developments. The line of material handling equipment includes a chainless metal belt conveyor; a very compact high speed vertical conveyor; a rotating cable conveyor; a tube supported conveyor; material moving casters; order picking racks; sorting conveyors for heavy loads; a parts storage unit comprised of circular rotating trays mounted on a vertical stack; high speed package and pallet transfer units used to transfer loads between vertical and horizontal conveyors running at full speed, or for use with indexing vertical conveyors and elevators carrying large and heavy loads; and a line of gravity flow or powered conveyor rails and "first in — first out" storage racks. Canadian firm should have mechanical and light electrical engineering capabilities, machine shop and sheet metal facilities and a sales organization. American firm will provide know-how and training. Literature available. See illustration.

Tunnelling Shields and Equipment**Item 2107**

British firm offers for license the Canadian production and marketing rights for tunnelling shields and associated equipment including air lock doors, air decks, air locks and digger shields up to 20 ft. in diameter, for use in tunnelling in soft ground. The firm's equipment has been used in subway construction in London, England. Technical information will be made available to the licensee as well as technicians on loan, drawings, and parts and material if required. Literature available. See illustration.

Tilt Table**Item 2108**

American inventor offers for sale or license the exclusive or non-exclusive Canadian production and marketing rights for a tilt table that is mounted on springs and can be easily tilted in any direction so that a variety of games may be played on it. The table top is circular with a flat surface and a peripheral lip and is supported by vertical spring assemblies in the table's pedestal. By tilting the table top in the proper direction balls placed on its surface can be rolled into specific positions or holes in the table which lead downward to a ball trough in the pedestal. An interested Canadian manufacturer should possess suitable manufacturing and distribution facilities. Literature available. See illustration.

Pocket Ash and Dust Tray**Item 2109**

Belgian inventor offers for sale to a Canadian manufacturer the production and marketing rights for a pocket ash and dust tray for use by pipe smokers. This tray which is constructed so that it may hang on the pipe-pocket is composed of only three parts and would be inexpensive to produce. It would be manufactured of a fire-proof and unbreakable material such as bakelite or aluminum. Literature available. See illustration.

Lifting Tower or Hoist**Item 2110**

British firm is seeking a licensing arrangement with a Canadian manufacturer for the production and marketing in Canada of a portable lifting tower or hoist, for personnel and equipment. This low-cost, very compact lifting tower is constructed of extruded hollow columns and can be extended to 15 times its retracted length unlike telescopic towers which usually can be extended only 4 times their retracted length. The tower can be folded up and housed in a case 2 ft. high. For indoor work it can be folded up and wheeled through an opening only 20 inches wide by 28 inches high. For outdoor work the tower may be mounted on a small trailer or truck and can operate either manually or by an electric motor. Cables can be run through the hollow columns of the tower to supply cameras, floodlights or other equipment on the platform. The lifting tower's applications include quick access to high ceilings or overhead equipment, high level loading or unloading and stacking, and as floodlight, film and TV camera towers. A suitable Canadian licensee would be a medium-sized engineering firm with development engineers to exploit other applications of the principle, and a national sales and marketing staff. United States export rights are subject to negotiation. Literature available. See illustration.

Filing and Planning Board Systems**Item 2111**

French firm is seeking a licensing arrangement with a Canadian firm to produce and market a filing cabinet with a retractable folding cover, various types of vertical and lateral access suspension files and a wall-mounted expandable planning board or system. The filing cabinet has a very simple positioning of trays permitting vertical subdivision into one to six compartments and has all accessories required for the filing of records and cards of all sizes, computer reels and disc packs. The files, made of a sturdy special kraft paper, are suspended over plastic coated rails for easy sliding and have a magnifying transparent label holder which facilitates easy file location. Due to an instant linking feature the files can be used as individual or interlocking files. The wall-mounted planning or indicator board consists of five polystyrene interlocking panels with brackets to hold cards. The licensee should specialize in office equipment, particularly filing systems and should have sales staff and production facilities. The licensor can provide essential parts. Literature available. See illustration.

Custom-Built Sports Car or Dune Buggy**Item 2112**

American firm seeks a licensing or joint venture partner to manufacture and market in Canada its custom built "on or off road", 2 or 4 passenger sports car or dune buggy. The vehicle is virtually hand made with a one-piece fiberglass body, a complete monocoque chassis riveted and welded from sheet metal and steel, and a water or air cooled engine. It is readily adaptable for racing, patrol, police or military use with off road speed capabilities of over 100 M.P.H. The Canadian manufacturer should be automotively oriented with adequate capital. The American firm will engineer and design a vehicle for local conditions and market, furnish manufacturing and assembly drawings, develop tooling and establish equipment requirements, establish manufacturing methods, train personnel, establish new models, provide continued consultation, and furnish needed material and components. Export rights are subject to negotiation. Literature available. See illustration.

CO₂ Refrigeration Method**Item 2113**

Greek inventor offers for outright sale or license the Canadian production and marketing rights for a new refrigeration method, based on the use of solid CO₂, for refrigerating or freezing agricultural products and foodstuffs. The refrigeration unit can be either portable or stationary and is suitable for use in refrigerator trucks, rail and ocean transportation, and for refrigerating fruit and foodstuffs at the production area. The degree of refrigeration is adjustable, can be maintained at a constant level and is controlled automatically. The chief advantages of this refrigeration method are its low costs of construction, installation and operation. Literature available.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

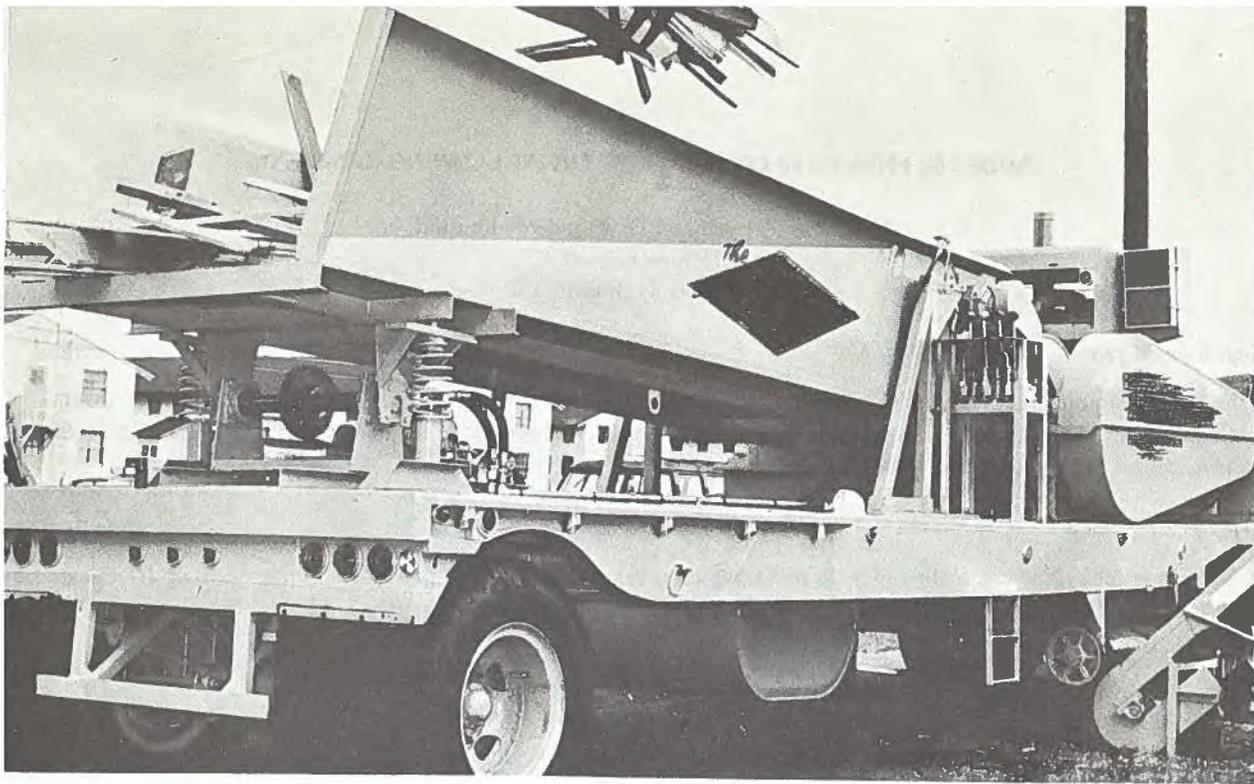
Canadian Patents and Development Limited,
275 Slater Street,
Ottawa 4, Ontario.

High Speed Framing Camera**Case 3458**

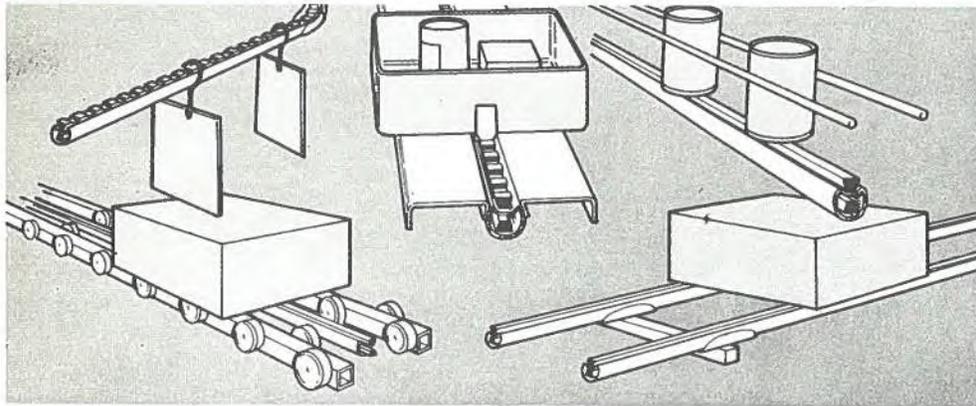
A very simple and inexpensive camera which requires no elaborate synchronization. It produces a record on a single photograph plate or polaroid film pack. A prototype has produced sequences of 300 frames at 50,000 frames/second, with acceptable resolution.

Glass to Metal Seal**Case 3695**

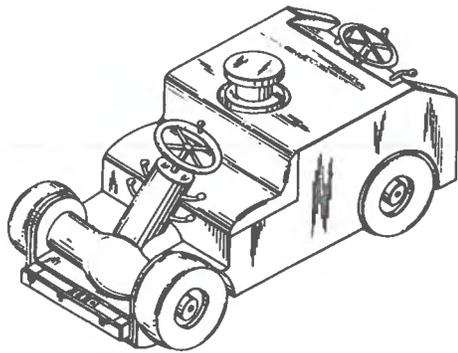
A new technique for sealing glass to metal which is relatively simple to produce and has stood up to repeated exposure to high vacuum and extremely low temperatures in cryogenic equipment.



Item 2097 — Waste Disposal Grinding Machines
 Article 2097 — Broyeuses pour déchets



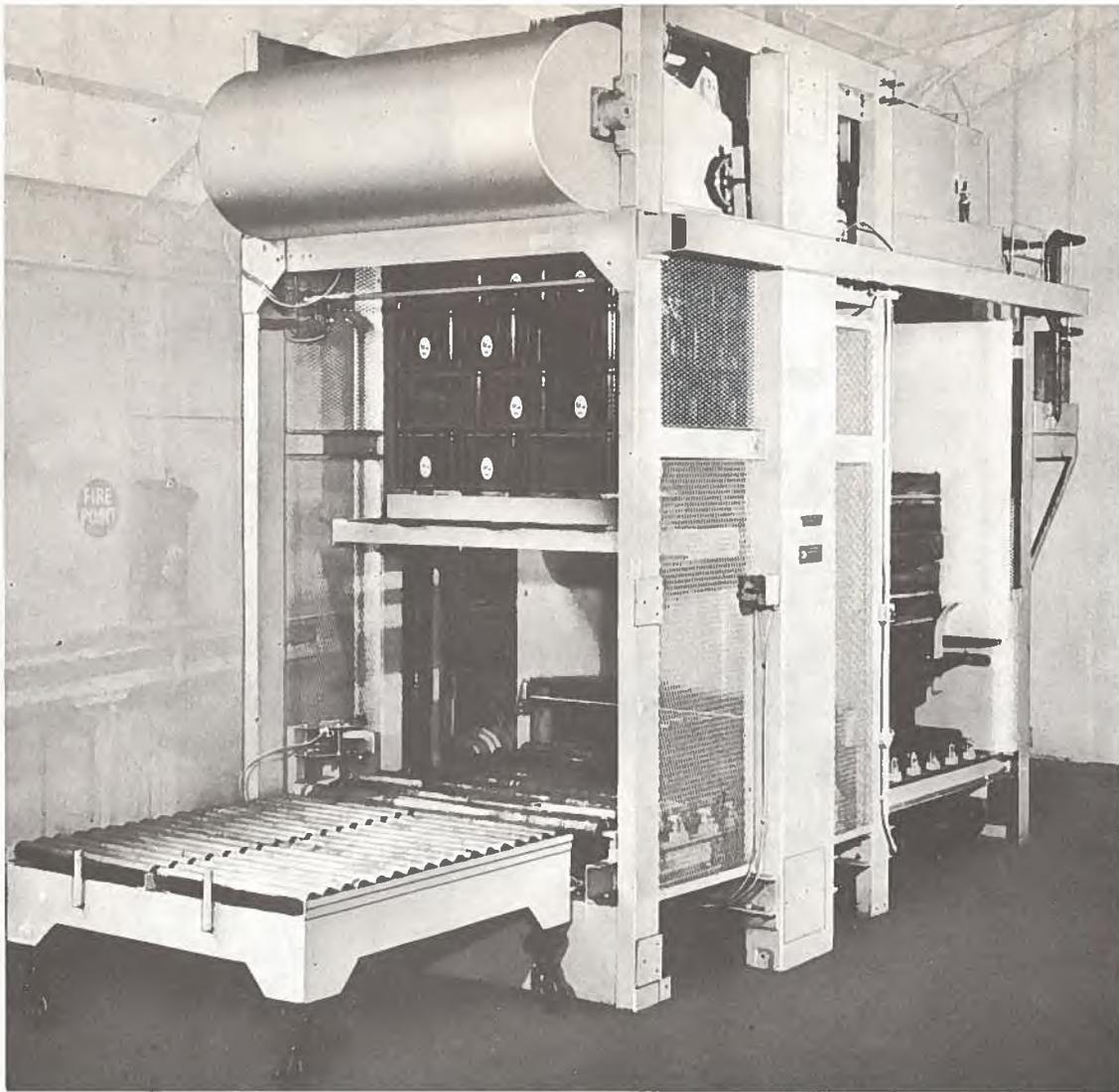
Item 2106 — Material Handling Equipment
 Article 2106 — Équipement pour la manutention des matériaux



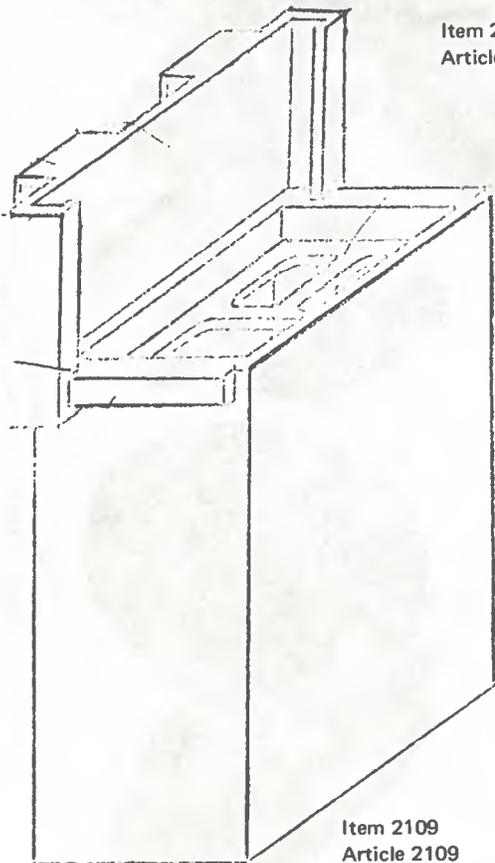
Item 2103 — Collapsible and Portable Fork Lift
 Article 2103 — Chariot élévateur à fourche pliable et escamotable



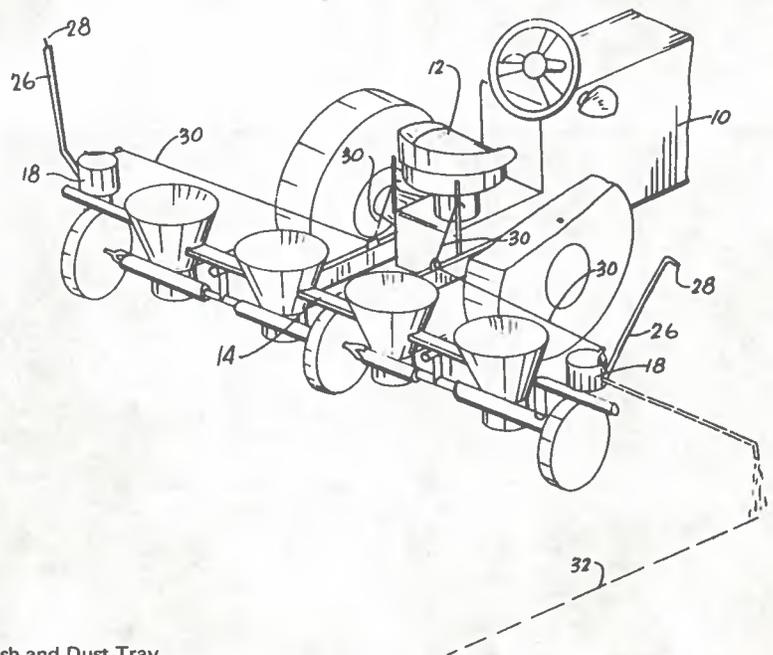
Item 2111 — Filing and Planning Board Systems
 Article 2111 — Systèmes de classement et de panneaux de planning



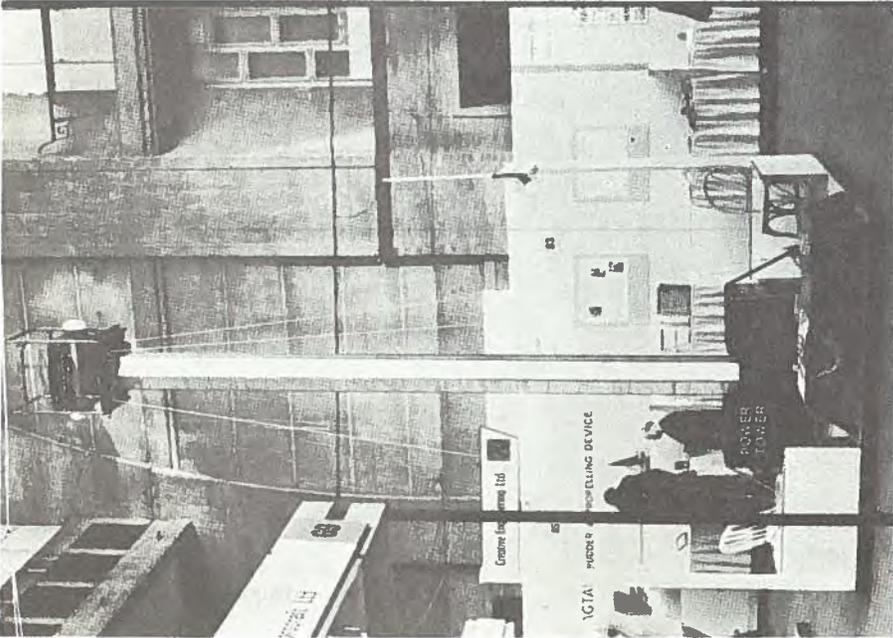
Item 2104 — Palletizing and Conveying Equipment
 Article 2104 — Manutention par palettisation et convoyeurs



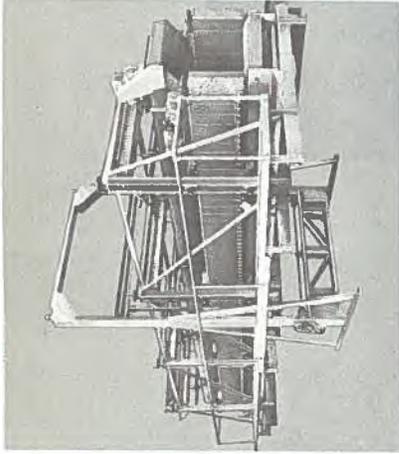
Item 2109 — Pocket Ash and Dust Tray
 Article 2109 — Cendrier de poche



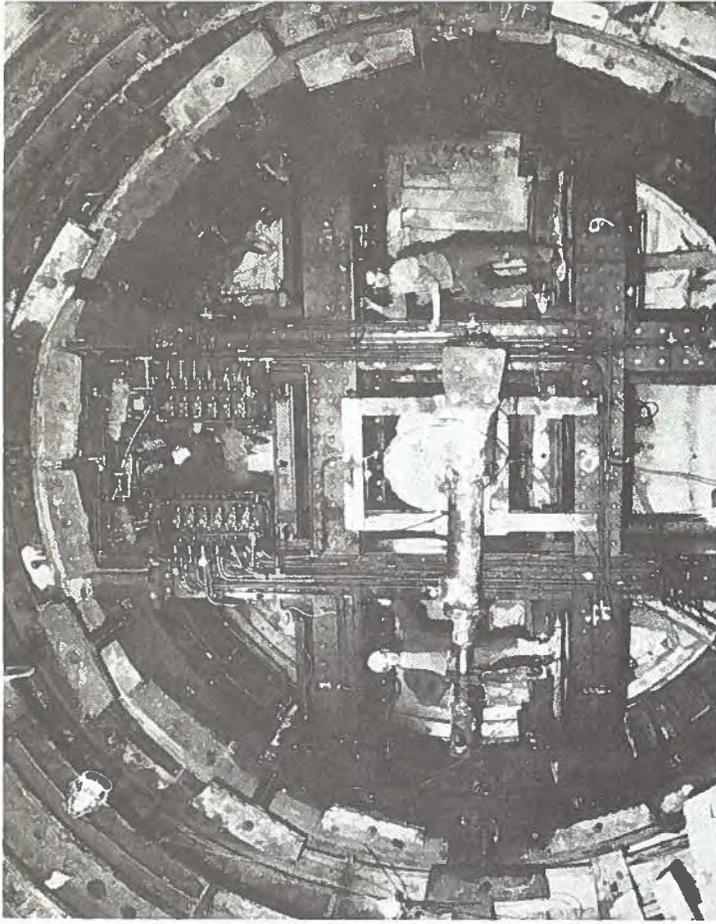
Item 2098 — Row Marker
 Article 2098 — Marqueur de rangées



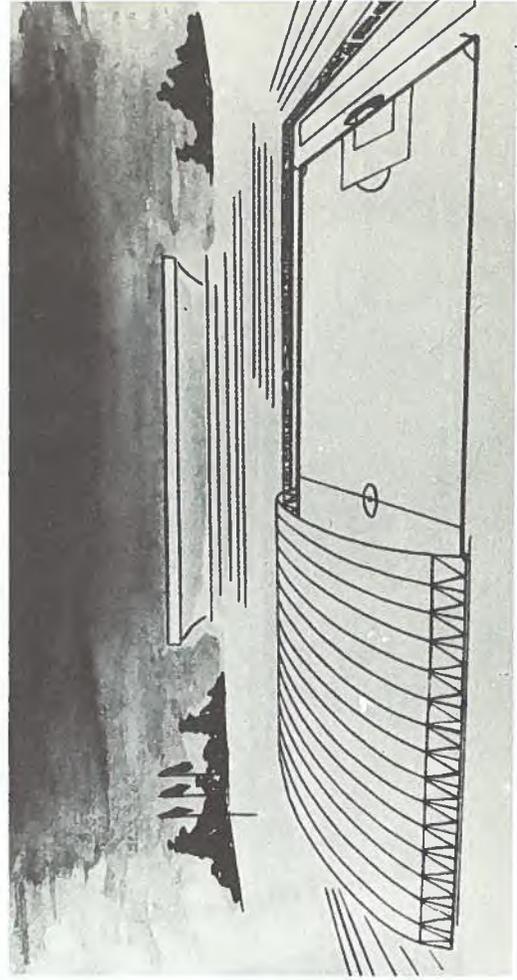
Item 2110 — Lifting Tower or Hoist
 Article 2110 — Mât élévateur (appareil de levage)



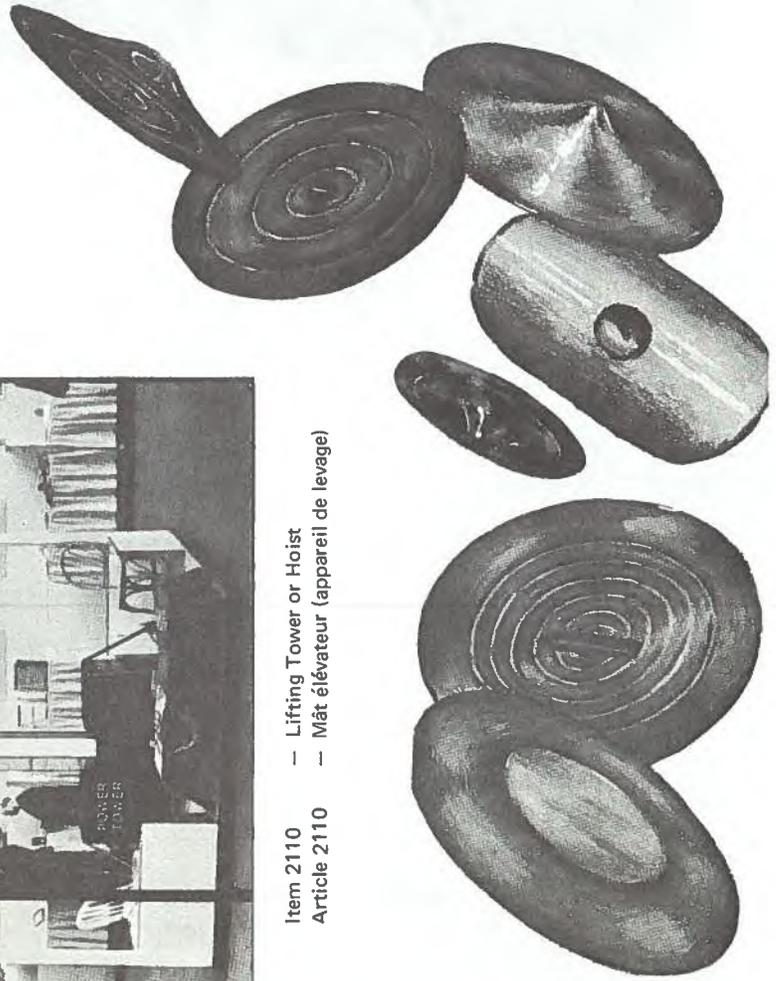
Item 2105 — Cellular Plastic Production
 and Storage Machinery
 Article 2105 — Machine pour la production
 et l'emmagasinage
 de plastique cellulaire



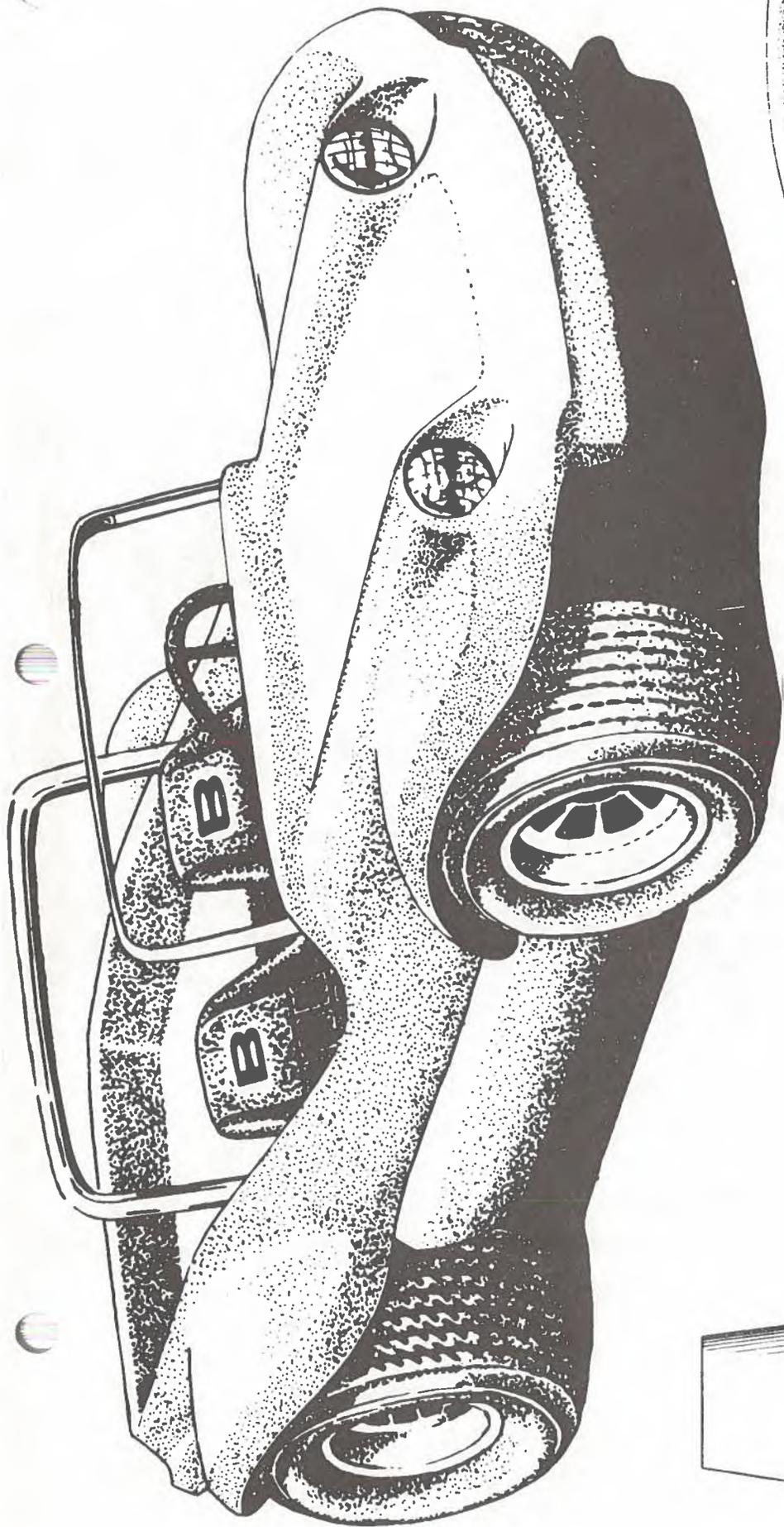
Item 2107 — Tunnelling Shields and Equipment
 Article 2107 — Boucliers et équipement de tunnels



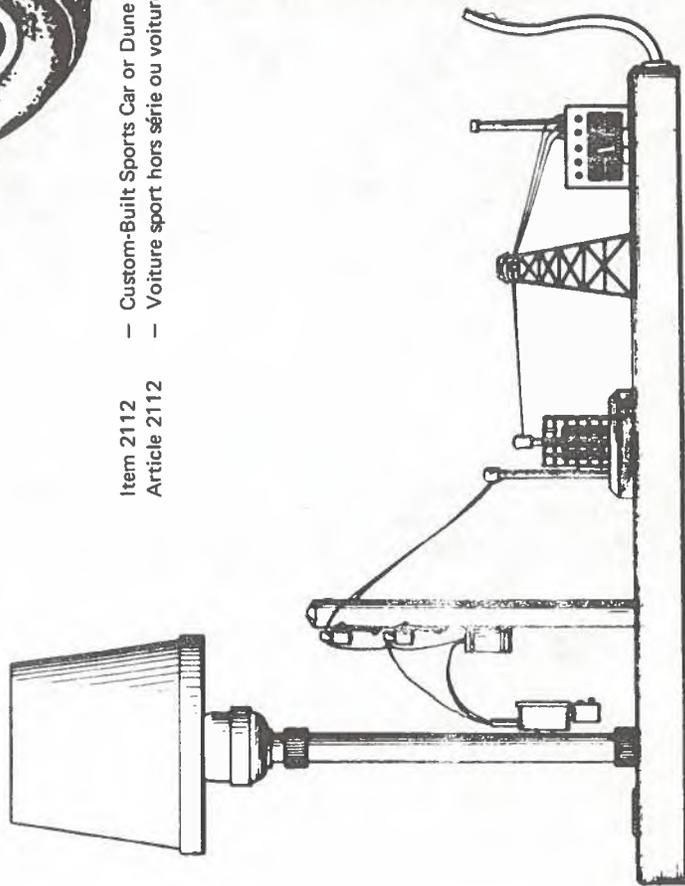
Item 2100 — Sheltering System for Sports Fields
 Article 2100 — Abri pour terrains de sport



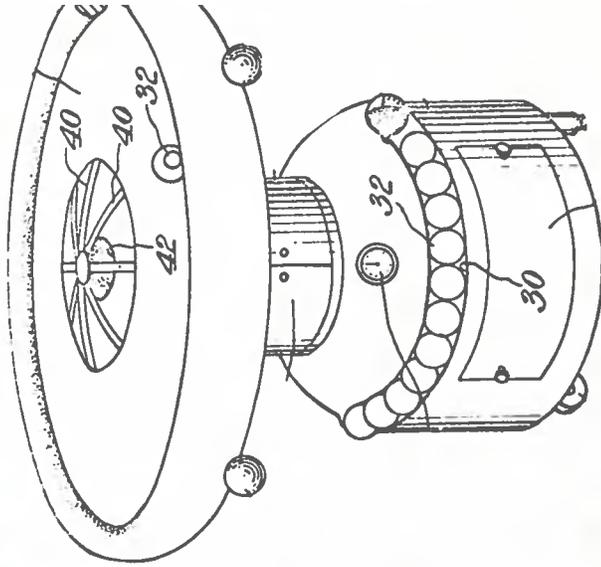
Item 2101 — Tire Boot
 Article 2101 — Rustine pour pneus



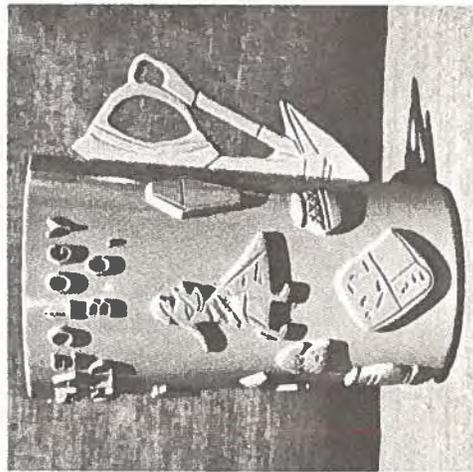
Item 2112 — Custom-Built Sports Car or Dune Buggy
 Article 2112 — Voiture sport hors série ou voiture spéciale de grande vitesse



Item 2102 — Educational Lamp, Career Savings Club Plan, and Combination Drinking Cup and Savings Bank
 Article 2102 — Lampe éducative, plan d'épargne pour carrière professionnelle et pintest-tirelres



Item 2108 — Tilt Table
 Article 2108 — Table inclinable



CONSUMER AND CORPORATE AFFAIRS
OCT 26 1969
COMMISSIONER OF CORPORATIONS