

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:

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Tower B, Place de Ville, Ottawa, Canada K1A 0H5
Tel: 992-4441, Area Code 613

BULLETIN 195

MARCH, 1972

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Emulsion Type Coating

Item 2560

Austrian firm seeks Canadian licensee to produce and market its protective facade coating, an emulsion of resinifying oils. The company states that this coating is permanently elastic, non-fading, waterproof, resistant to alkali, free of tension cracks, and applicable at all temperatures. It requires no priming of the surface to be covered and can be applied to both old and new surfaces of all types, e.g. foam, concrete, wood, etc. The production equipment required is extremely small. Licensing agreements covering several countries have already been signed and others are currently being negotiated. Literature available.

Removable Partitions

Item 2561

Belgian company offers, under license, the Canadian production and marketing rights for its system of office partitioning. The removable partition units are prefabricated and PVC covered. Sections with windows and doors are also prefabricated. These self-supporting sections are connected together by key panels, clipped to the sections, with the width equal to the section thickness. The main advantages of this system lie in the great speed with which it can be set up or taken down and the well-known advantages of prefabrication. Literature available. See illustration.

Door Closer

Item 2562

Swiss firm offers under license the Canadian production and marketing rights to its door closer. This unit comes in a single model for large or small doors. Its closing power can be adjusted by means of a lateral slot screw. It is equipped with automatic temperature compensation to ensure a constant closing speed. Optional features include an arrest-lever and ring for setting the door at any desirable opening and an adjustable release device which holds the door in the open position for up to 30 seconds. The door closer can be installed on the door, door frame or ceiling. Low manufacturing costs are claimed. Literature available. See illustration.

Push-Pull Door Lock**Item 2563**

American company offers to a Canadian manufacturer the outright sale of its patent covering a new type of push-pull door lock. This system is designed to harmonize with contemporary and modern architecture. Its friction-free rocker bearing principle gives smooth, easy, performance requiring no lubrication. No door knob twisting required; closed door can be pulled from inside or pushed from outside to open. The unit can be installed within 30 seconds when door is prepared with required notch to receive it. Literature available. See illustration.

Plastic Pipe Clamps**Item 2564**

German firm is seeking a licensing arrangement with a Canadian company to manufacture and market its line of plastic pipe clamps. The clamps are available in all standard diameters. Some models are equipped with a single-hole base laid out for screws, nails or striker pins. Some are locked and unlocked by means of a locker cap located on the front section of the clamp bow. These clamps are suitable for use with sanitary pipe lines, heating and ventilation ducts, power cables, oil pipe lines, etc. They are resistant to solvents, oils, fats and similar substances. Literature available. See illustration.

Roof Construction System**Item 2565**

Argentinian firm seeks a Canadian licensee to manufacture and market its roof construction system. This system offers a simple, modern solution to the problems of attaching a roof to a supporting structure, attaching the different sections of the roof and attaching other elements to the roof such as ceilings, pipes, eavestrough, etc. The specially formed metal sheets are provided in exact length, thus eliminating transverse joints. The deck is waterproof, requires no intermediate support structures, and is easy to install by unskilled labour using only a wrench and screwdriver. Steel sheets can be galvanized, prepainted, etc. Literature available. See illustration.

Door Frame System**Item 2566**

German firm seeks a Canadian licensee to manufacture and market its modular door frame system made up of standard wood mouldings and extruded plastic components. It is suitable for indoor applications in prefabricated, conventional, or custom-built house construction; is applicable to any type of door opening and wall thickness; is easy to install with ordinary tools; and eliminates labour-intensive finishing of door openings and painting of door frames. It is claimed to cost only 50% – 60% that of conventional, hand-finished lumber framing. The system can also be applied to specialized window applications. Literature available. See illustration.

Prefabricated Form for Chimney Base**Item 2567**

Canadian contractor offers production and marketing rights, under license, for his prefabricated form for chimney bases and smoke conduits, suitable for all exterior brick-built chimneys. This form provides openings for smoke pipe and clean-out. According to the inventor, this new method renders obsolete the usual practice of building a wooden form for pouring a chimney base and subsequently burning it off. This form is quick to install, reusable, and economic to maintain. Literature available. See illustration.

Pneumatic and Hydraulic Controls**Item 2568**

American company offers a licensing arrangement to a Canadian manufacturer to produce and market its line of pneumatic and hydraulic controls. These plastic and/or metal controls include power cylinders, directional valves, metering valves, booster pumps, process control pumps and valves, check and pressure relief valves. These units are designed to be used in fluid power and process industries. Licensor claims these products are of better quality and less complicated than competing products currently on the market. Literature available. See illustration.

Milling Machines**Item 2569**

Japanese machine tool manufacturer with international reputation offers under license the Canadian manufacturing and marketing rights to its range of milling machines which are of three types: plain, vertical and universal. These general purpose milling machines are especially designed for high speed work using cemented carbide milling cutters. The company claims several advantages in precision cutting, in operation generally, and in maintenance over conventional milling machines. Literature available. See illustration.

Honing Device**Item 2570**

American company is offering under license the Canadian manufacturing and marketing rights for its honing device. This instrument is designed for honing engine cylinders, hydraulic cylinders, etc. It consists of an adapter, a drive shaft, a holder, a mandrel and a set of five stones which are claimed to offer twice the cutting surface and speed found in most available units. The tangential stone support also eliminates stone chatter and minimizes breakdown. Certain models are portable. Literature available. See illustration.

Timber Drying Equipment**Item 2571**

South African company seeks a Canadian licensee to manufacture and market its timber drying equipment. The kiln is a progressive timber drying unit divided into two principal zones, each comprising two compartments and one central compartment. Each zone is equipped with its own heating coil and air ventilator. Mainly used to dry softwood boards, this unit can also be used as a pre-drier for hardwoods. Advantages claimed by the company include low cost operation, high output, low maintenance and excellent board quality. Literature available.

Manufacture of Hydrogen Fluoride**Item 2572**

Japanese firm offers under license the Canadian manufacturing and marketing rights to its continuous process for the production of hydrogen fluoride by reaction of fluorspar with sulphuric acid. The process entails contacting preheated powdered fluorspar with a preheated sulphuric acid spray, followed by separation of the resulting hydrogen fluoride gas and calcium sulphate powder. Advantages claimed include short reaction period (one to five minutes), no lump formation of reaction mixture, low heating temperature (usually 150 to 300° C), and the production of hydrogen fluoride-free calcium sulphate. Literature available.

Method of Fixing Hairpieces**Item 2573**

German firm offers to a Canadian manufacturer the outright sale of the Canadian patent rights covering its unique method of fastening a hairpiece to a human head. By this system a toupee is connected to the remaining hairs by plastic snaps. Three snaps are usually enough at various points of the scalp. The toupee cannot be pulled off and will not blow off in a strong wind. Perspiration is no problem and the toupee can easily be put on and taken off without losing its normal fit. Literature available.

Automatic Fluorescent Emergency Lighting Fixture**Item 2574**

American firm is seeking a licensing arrangement with a Canadian company to manufacture and market its automatic emergency lighting system built into a standard fluorescent fixture. This unit consists of a fluorescent tube, a high frequency inverter, a sealed storage battery, an automatic battery charger and an automatic inhibit circuit when normal line power is on. Its claimed advantages include low power requirement, natural light, high efficiency, and unobtrusive appearance. Literature available.

Telescoping Hand Truck**Item 2575**

American inventor offers under license the Canadian production rights to his telescoping extension hand truck. Designed for one-man operation to move loads up to and down from trucks and platforms, and up or down stairs, this equipment is made up of several telescoping frame sections of extruded aluminum or magnesium channels. The upper and lower sections are equipped with wheels. The top, bottom and centre sections are telescoped together. A load-carrying carriage is attached to a winch located at top of the upper section. By turning a crank, the load can be moved from the lower to the upper section of the carriage or vice versa. For special applications the winch can be power-operated. Literature available. See illustration.

Shipping Containers**Item 2576**

American firm wishes to negotiate a license with a Canadian manufacturer for the production and marketing of its rigid, returnable shipping containers. It is claimed that these multi-use containers can be stored in a fraction of the space required by conventional containers, thus providing savings in storage space and labour requirements, and that they readily adapt to existing conveyor systems. Literature available.

Vent System for Waste Water Pipes**Item 2577**

French inventor offers under license the Canadian manufacturing rights and the North American marketing rights for his vent system for waste water pipes. This apparatus is placed in the down-pipes of buildings instead of in the traditional Y-branches. It puts an end to the requirement for double stacks and a relief vent. It can be manufactured in cast iron, PVC or ABS. Literature available.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

**Canadian Patents and Development Limited,
275 Slater Street,
Ottawa, Canada
K1A 0R3**

Photostabilization of Polymers**Case 4551**

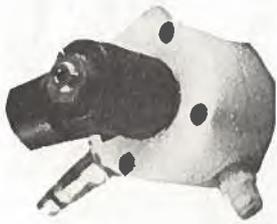
Very thin coatings of certain energy-transfer agents protect polymers against deterioration when exposed to ultraviolet light. A number of protective agents and their actions are described, and various means of applying them to polymeric substrates given. Applicable to fibres, fabrics, and films, the proportion of protective agent required is usually very much less than 1% and, in some cases, the energy-transfer agent also provides excellent dye-receptor sites.

Microstrip Circulator**Case 4742**

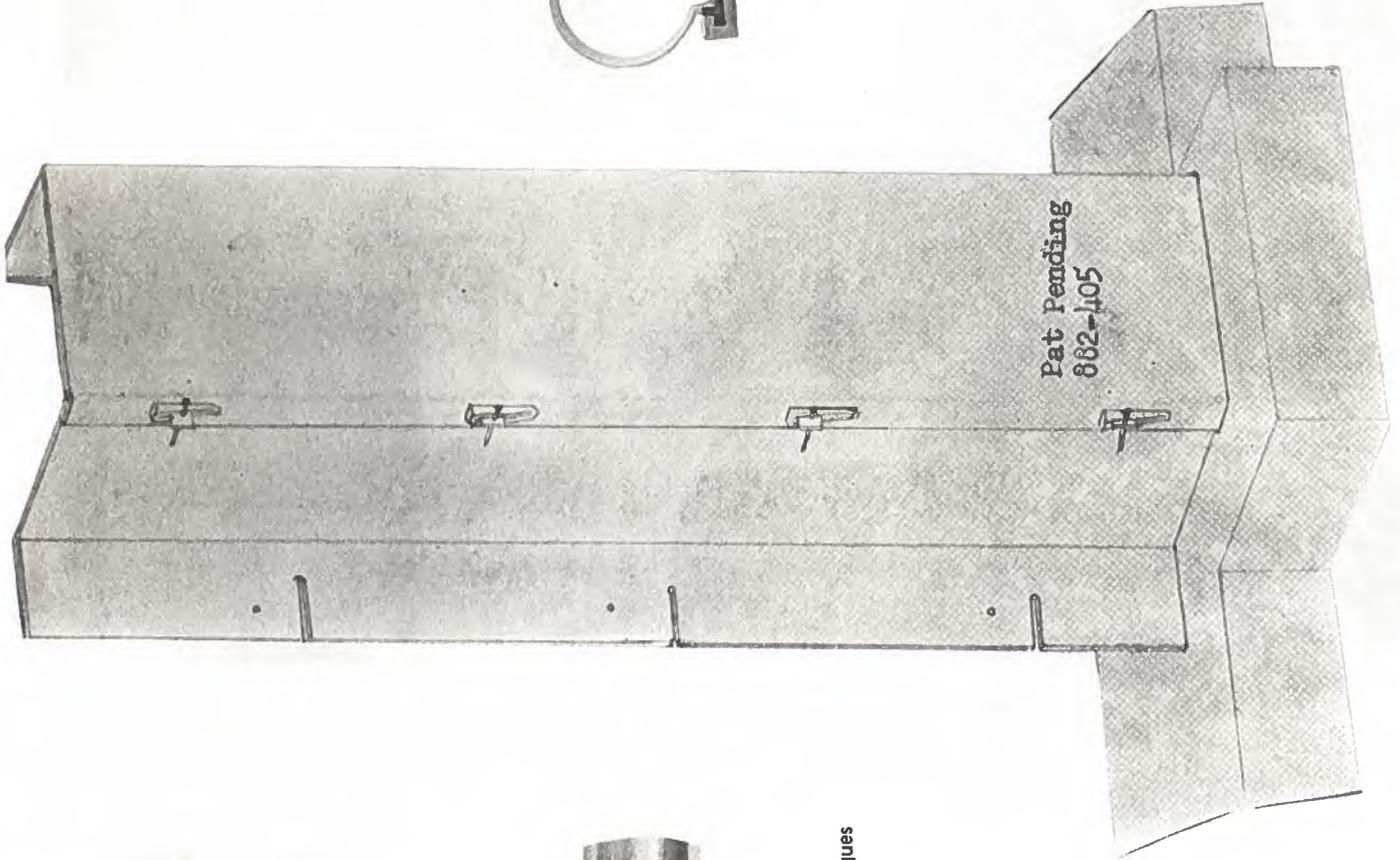
Circulators of the type used in transmitter-receiver antenna applications to maintain signal separation can be inexpensively integrated into a substrate containing components of other circuits. Problems such as precise machining of the substrate are eliminated by this invention.

Adiabatic Still for Determination of Vapour-Liquid Equilibrium Data**Case 4832**

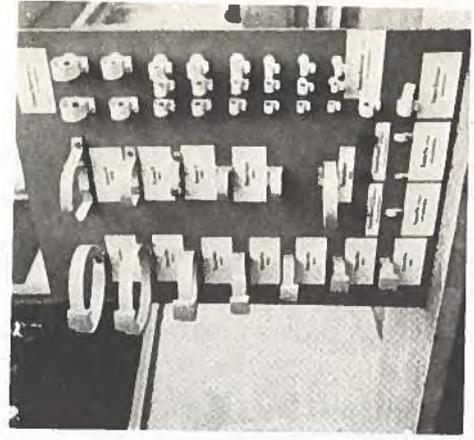
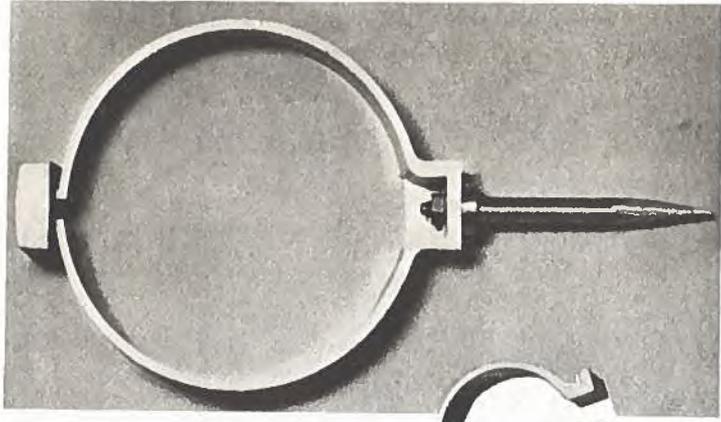
A relatively simple and compact design in glass that ensures good liquid-vapour mixing and precise measurement of the temperature of a true equilibrium vapour. The efficiency of the apparatus is indicated by tests with difficult systems such as ethanol-n-heptane and their comparison with computed thermodynamic data.



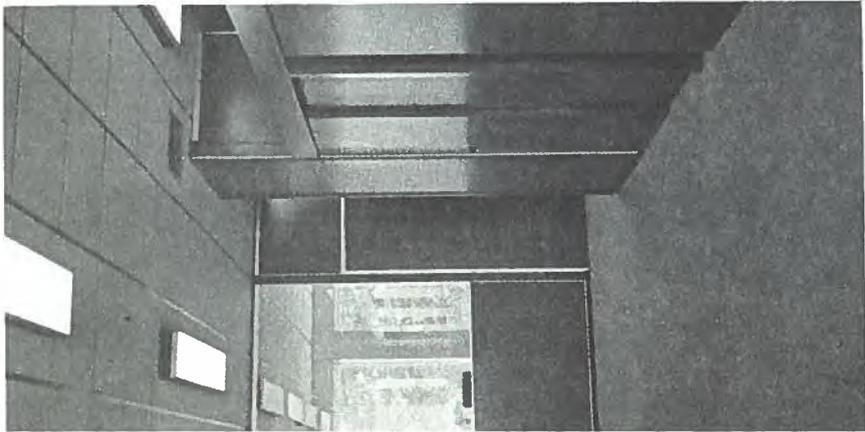
Item 2568 — Pneumatic and Hydraulic Controls
Article 2568 — Commandes pneumatiques et hydrauliques



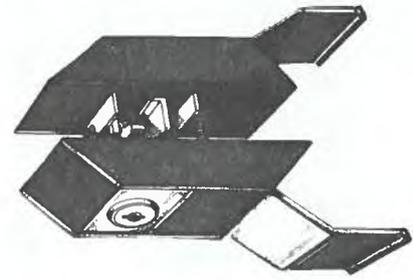
Item 2567 — Prefabricated Form for Chimney Base



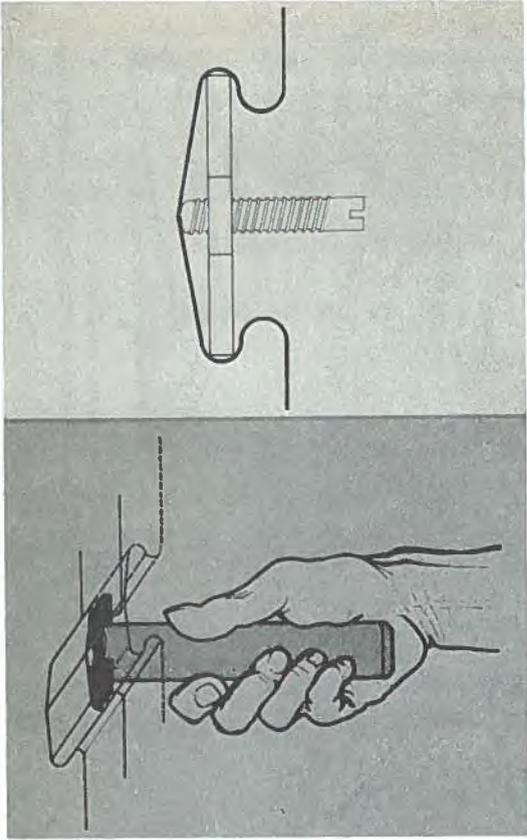
Item 2564 — Plastic Pipe Clamps
Article 2564 — Colliers de retenue en plastique pour tubes



Item 2561 — Removable Partitions
Article 2561 — Cloisons amovibles



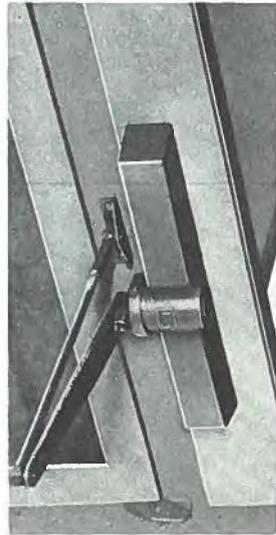
Item 2563 — Push-Pull Door Lock
Article 2563 — Serrure de porte fermant par pression



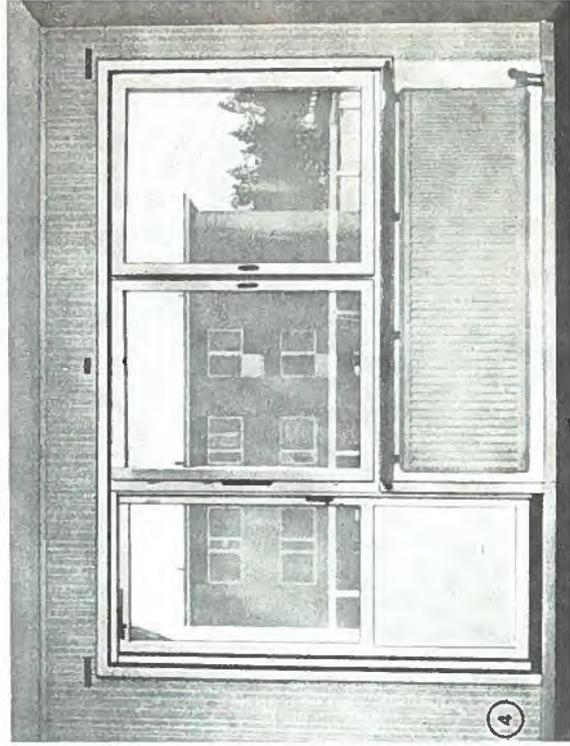
Item 2565 — Roof Construction System
Article 2565 — Système de construction de toits



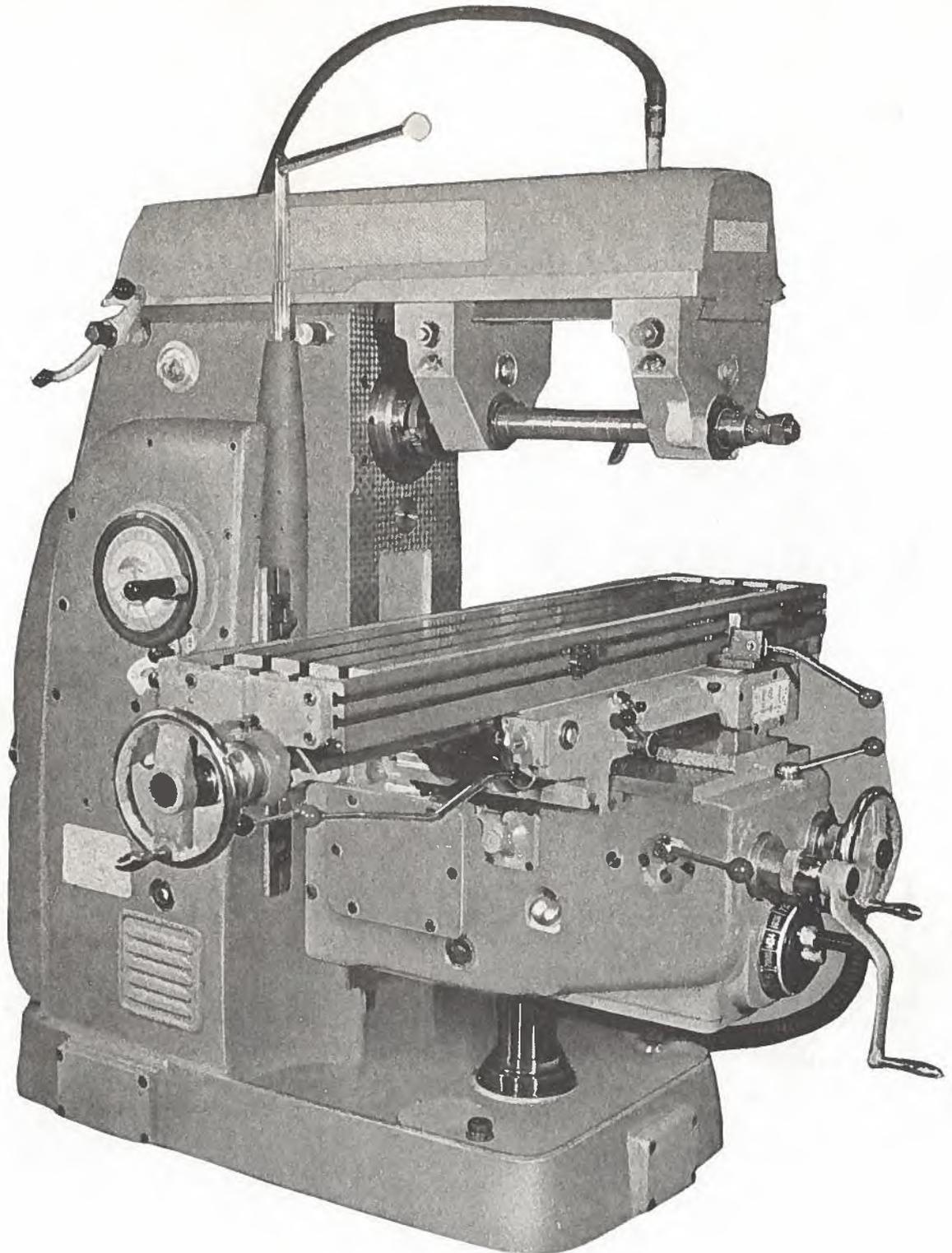
Item 2575 — Telescoping Hand Truck
Article 2575 — Chariot télescopique



Item 2562 — Door Closer
Article 2562 — Fermeture automatique



Item 2566 — Door Frame System
Article 2566 — Chambrante de porte



Item 2569 - Milling Machines
Article 2569 - Fraiseuses



Item 2570 - Honing Device
Article 2570 - Aléseuses

