

# new products bulletin

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INDUSTRIAL AND TRADE ENQUIRIES DIVISION

DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE  
OTTAWA  
CANADA

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Chief, Industrial and Trade Enquiries Division, Department of Industry, Trade and Commerce,  
Tower B, Place de Ville, Ottawa, Canada K1A 0H5  
Tel: 992-4441, Area Code 613

BULLETIN 205

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## Wall Cladding System

Item 2747

Swedish company offers for manufacture under license in Canada its unique wall cladding system. The cladding material consists of special concrete stone slabs, approximately 4" x 24" in size, which have a special design to enable them to be installed without the use of mortar, nails or adhesive. The patented fixing technique involves the use of stainless, spring steel clamps imbedded into wooden battens which are nailed to the wall. The cladding units are then hooked onto the clamps. The system is claimed to be gale-proof, to be less expensive than regular brick siding, and to provide weatherproofing due to the ventilated space between the external wall of the building and the cladding units. Literature available. See illustration.

## Prestressed Concrete Slabs

Item 2748

Canadian company offers regional licenses for the manufacture in Canada of its prestressed concrete hollow core slabs for use in residential, commercial and industrial building construction. Offer includes the provision of the equipment, a basic machine which accommodates a variety of conveyor die assemblies. These die assemblies, which can be changed with minimum effort, produce a wide range of hollow core slabs of different depths. Specially designed conveyors compact the concrete before it is finally extruded around a die where it is subjected to high frequency vibrations. It is claimed that the resulting concrete is so dense it will support the weight of a man immediately after being extruded. Literature available. See illustration.

## Container Lift Trucks

Item 2749

Swiss firm offers on behalf of a Swedish company the rights to manufacture under license in Canada a line of unpowered lift trucks designed specifically for handling standard size 20' and 40' shipping containers. Some models are designed to handle one container, others two containers at the same time. The basic unit is an open U-frame formed by two side-members and a joining end-member. To this base are added wheels, a tow member and hydraulically operated bottom-lifts. This unit when connected to an ordinary small fork lift truck (capacity 2 - 5 tons), or other powered vehicle, can handle containers, flats or other large units weighing 20 tons or more. This basic unit can be supplemented with additional equipment to handle fully loaded 40' containers. Literature available. See illustration.

**Automatic Washing Plants**

Item 2750

Danish firm offers under license the Canadian manufacturing rights covering its automatic washing plants. These washing plants are constructed of ready-to-mount stainless steel modules. The work sequence for a washing plant of four modules consists of the following operations: rinsing, washing, scalding and drying. The company claims this system ensures 100% cleaning and disinfection of hospital beds, food containers, hand-operated transport vehicles, etc. All operating and handling functions in the plant can be automatically programmed or manually controlled. Literature available. See illustration.

**Foundry Casting Machine**

Item 2751

British firm is seeking a licensing arrangement with a Canadian manufacturer for the production of its shell mould casting machine. Designed to provide continuous casting of shell moulded components in ferrous or non-ferrous metals, this machine can be custom designed to suit individual foundry production requirements. It incorporates cooling for the supporting medium, fume and dust extraction through wet arresters, automatic unloading, and many other features if required. Literature available. See illustration.

**Vacuum Forming Machine**

Item 2752

American company is offering for manufacture under license in Canada a small vacuum forming machine. This machine is completely self-contained and does not require a compressed air supply or external vacuum source. It is designed for small volume production using thermoplastic material. The machine is particularly useful in the educational and other fields where demonstration of techniques, trials of moulds and short production runs are required. Literature available. See illustration.

**Fire Retardant Paint**

Item 2753

Belgian firm offers under license the manufacturing rights for its fire retardant paint. This flat, indoor paint, because of its special composition, forms an intumescent, insulating layer of foam when exposed to flames or high temperatures. The foam serves to check the advance of fire. The paint is easy to apply, whether by brush, roller or spray-gun, but has to be used as a finishing coat in order to obtain maximum benefit of its intumescence. Literature available.

**Plastic Film**

Item 2754

Swiss firm is offering the rights for manufacturing under license its composite film used in the packaging of foods and pharmaceuticals. It is composed of a sheet of methyl metacrylate-butadiene-styrene with a coating of polyvinylidene chloride on one surface. This product is claimed to exhibit a limited pollution hazard upon being burned, to be completely resistant to gases and water vapour, and to have good transparency. Literature available.

**Lamp Dimmer Adaptor**

Item 2755

Canadian inventor is offering the rights to manufacture under license in Canada his incandescent lamp dimmer adaptor which screws into an ordinary lamp socket. The device consists of a lamp screw base at one end, a lamp socket at the other, and semiconductor control components assembled together as a single unit. Unlike conventional lamp dimmers, which are of the wall-mounting type and may require an electrician for their installation, this adaptor is claimed to provide an inexpensive means to convert most lamps to continuous light level adjustment without the need for tools or modifications to the lamp fixture. It is convenient when used in nursery rooms, bedrooms, living rooms, etc., as it permits the light level of table lamps or floor lamps to be adjusted to meet individual requirements. Literature available.

**Fluorescent Inspection Penetrants****Item 2756**

American company is seeking a licensing arrangement with a Canadian firm covering the manufacture of its water-washable, fluorescent penetrants for non destructive testing. Available in four different sensitivity levels, penetrants are claimed to combine high flaw entrapment efficiency with excellent washability and to have superior fluorescent qualities. These penetrants are categorized according to use as (a) tracers for unwanted residues (fluxes, varnishes, adhesives or potting compounds), (b) leak tracers (fuel tanks, pipelines, and various pressurized containers), (c) flaw detection tracers, (d) tracers for marking materials for security, identification, etc., (e) tracers for applied films, and (f) bulk fluorescence tracers for use when thick layers or bulk quantities of tracer-tagged liquid are to be observed. Literature available.

**Fungicidal Binding Agent****Item 2757**

Czechoslovakian state trading agency is seeking a licensing arrangement with a Canadian firm to produce a fungicidal binding agent for mortar, concrete and coating products. This fungicide binder contains 0.005% to 1% by weight of organic tin compound. The principal field of application of this process is in the inhibition of the action of various micro-organisms such as moulds, bacteria, yeast cells, etc., on cement, lime, mortar, and plaster. This binding agent has particular application in construction for the food industry where moisture and temperature conditions facilitate the growth of fungi. Literature available.

**Dessert Powder****Item 2758**

Dutch inventor is offering for manufacture under license in Canada his multi-purpose dessert powder. This product may be used to make several different types of desserts and drinks from one basic formulation of finely ground sugar, powdered skim milk and approved food chemicals. When mixed with water or milk, or alternatively with a mixture of milk with brandy, rum or vodka, it serves as dessert topping, ice cream base, instant pudding, cocktail, etc. According to the inventor, manufacture involves a simple blending operation with no special techniques required. Literature available.

**Brass Valve Fittings for Tire Tubes****Item 2759**

Indian company offers under license or joint venture the Canadian manufacturing rights to its new process for manufacturing brass tire tube valves, both with and without a rubber base. These valves are designed to fit all sizes of rubber tubes used on trucks and passenger cars. Tubeless tire valves are also available. The Canadian licensee or joint venture partner will be provided with technical know-how, capital if required, drawings, etc. Literature available.

**Plate Anchoring Method and Device****Item 2760**

Dutch company offers under license the Canadian manufacturing rights for a method of connecting an anchoring device to the rear of a plate, e.g. a wall frontal plate, and a device suitable for this purpose. It is claimed to be an inexpensive and easy mechanical method of connecting a frontal plate to a wall without stress on the plate and to permit the use of thin plates thus reducing their weight and cost. Literature available. See illustration.

**Conveyor Roller Device****Item 2761**

Canadian inventor offers under license the Canadian manufacturing rights for his conveyor roller device for use with all types of conveyor belts. The device has no roller bearings and requires only infrequent lubrication. It is claimed to be particularly suitable for use in abrasive situations. Literature available. See illustration.

**Respirator Mask****Item 2762**

Swedish inventor is seeking a licensing arrangement with a Canadian firm to produce his respirator mask. This mask features low production cost and simplicity of design. It has a large surface suitable for inserting different types of filters, can be individually adjusted to the face and, due to its low cost, can be thrown away after use. Its applications include military, civil defence, hospital, mining, and for protection against air pollution in industrial centers. Literature available.

**Protective Alarm****Item 2763**

Canadian inventor offers for manufacture under license in Canada his patented alarm apparatus which is designed to protect merchandise, residences, commercial and industrial establishments, etc. The device is housed in a burglar-proof spot-welded steel cabinet, 8-1/2" x 4" x 3-1/2" in size. A lock/key operates the alarm and locks the chassis. The apparatus is electromechanical in principle and works through a shielded cable, or is permanently wired in a closed loop system. Literature available.

**Pick-up Load-Holder****Item 2764**

Canadian inventor offers under license the Canadian manufacturing rights for his load-holder for pick-up trucks which is designed to keep a load from shifting. The device may be used with vehicles such as 1/2 or 3/4 ton pick-up trucks which have stake pockets spaced along opposite sides of the load carrying area. The equipment consists of vertical stakes which are inserted into the pockets, a cross-beam over the load carrying area, and a retainer such as a chain and cinch mechanism for securing the load against movement. The main advantage of this invention is to safely and easily secure part loads in pick-up trucks and other vehicles. Literature available. See illustration.

**Home/Office Decoration****Item 2765**

Canadian inventor offers under license the Canadian manufacturing rights for his home or office decoration. It consists of nine different sized electrically-operated candles arranged in a semi-circle, an acorn light, three different-sized, adjustable bells set at a 45° angle, and a honeybee wax foundation background. Literature available.

**SOVIET LICENSING OPPORTUNITIES**

The following products and processes are offered for manufacture under license from Licensintorg, the Soviet state licensing organization. Abstracts of the inventions are available from: Industrial and Trade Enquiries Division, Department of Industry, Trade and Commerce, Tower B, Place de Ville, Ottawa K1A 0H5.

A-6032 AUTOMATIC PRESS FOR SHEET STAMPING	V/O 1
AIR-ZINC BATTERY WITH ALKALINE ELECTROLYTE "KRONA-BU"	V/O 2
ALKALINE CELL	V/O 3
APPARATUS FOR SUTURING ESOPHAGUS OF NEW-BORN CHILDREN WITH ATRESIA	V/O 4
BATTERY WITH ALKALINE ELECTROLYTE TYPE "RUBIN"	V/O 5
CIRCUIT BREAKERS SERIES A3700	V/O 6
CNTY APPARATUS FOR PLACING CIRCULAR ANASTOMOSIS ON ORGANS OF DIGESTIVE TRACT	V/O 7
CONTACTOR FOR ARCLESS COMMUTATION OF A.C. POWER CIRCUITS	V/O 8
KU INSTRUMENT FOR SUTURING THE INTESTINES WITH THE RECTUM	V/O 9
LIGHTING DEVICE FOR TUBULAR FLUORESCENT LAMPS, TYPE NOY	V/O 10
MOULDING STOCK FOR REFRACTORY MODELS AND MOULDS WHEN CASTING	
ARTIFICIAL DENTURES	V/O 11
NEW CYLINDRICAL ALKALINE CELL TYPE "SAPFIR-316-BU"	V/O 12
PRODUCTION OF ALUMINA, SODA, POTASH AND CEMENT BY COMPLEX PROCESSING	
OF NEPHELINE	V/O 13
SPACE-SAVING HIGH-MOMENT HYDRAULIC MOTORS	V/O 14
YC-18 APPARATUS FOR SUTURING VESSELS AND PROTHESIS	V/O 15
YC-25 POWDER SURFACING ALLOY	V/O 16

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

The Canada Patent Office Record is a weekly publication that describes the newest inventions covered by each patent issued by the Canadian Patent Office during the week. Those patents available for license or sale are indicated. Patents which have expired and are now in the public domain are also shown. Each issue gives information on how to purchase copies of Canadian patents and advice on how to make a patent application. The subscription price is \$26.00 per year or \$1 per single number. The Canada Patent Office Record is available from Information Canada, Publishing Division, Ottawa, K1A 0S9.

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

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

**Safe Electrical Supply System****Case 5068**

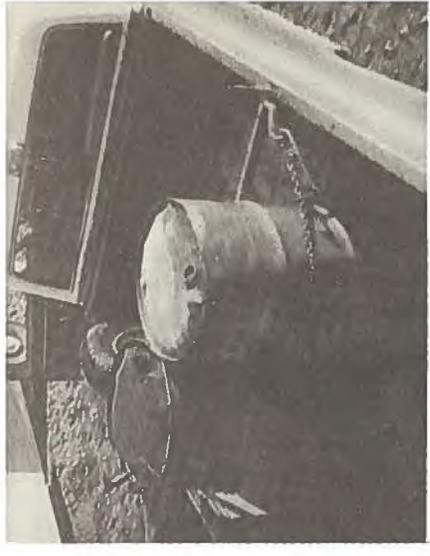
The requirements for electrical safety in hospitals are severe since patients are frequently connected to many instruments and devices. Patients with implanted electrodes, catheters, etc., can be electrocuted by currents of a few microamps. By supplying power through a transformer that is both shielded and guarded (double insulated) a system can be made safe under fault conditions, even to the stringent criteria of hospitals.

**Variolluminator****Case 5174**

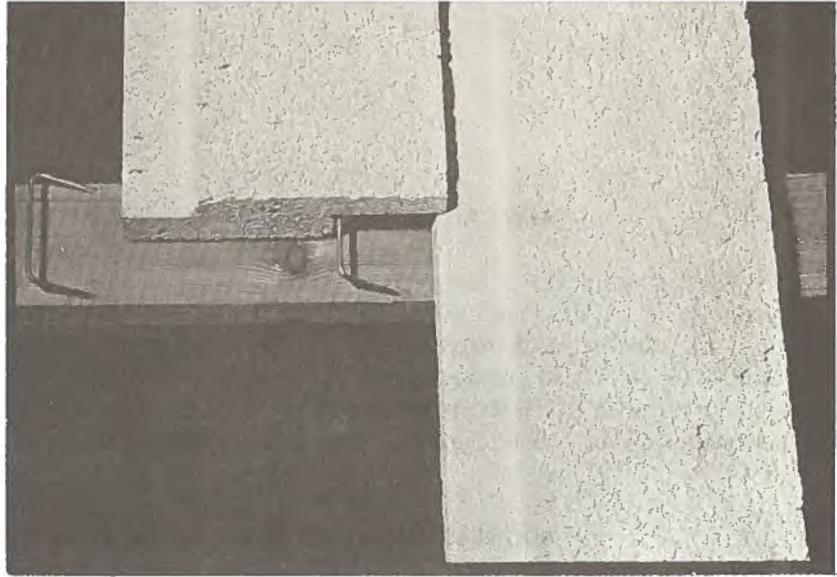
A double monochromator in which the dispersion in the second half of the instrument is subtractive rather than additive. The central slit may be opened very wide, with independently variable jaws, to select bandpasses from 15 to several hundred angstroms.

**Colorimeter****Case 5284**

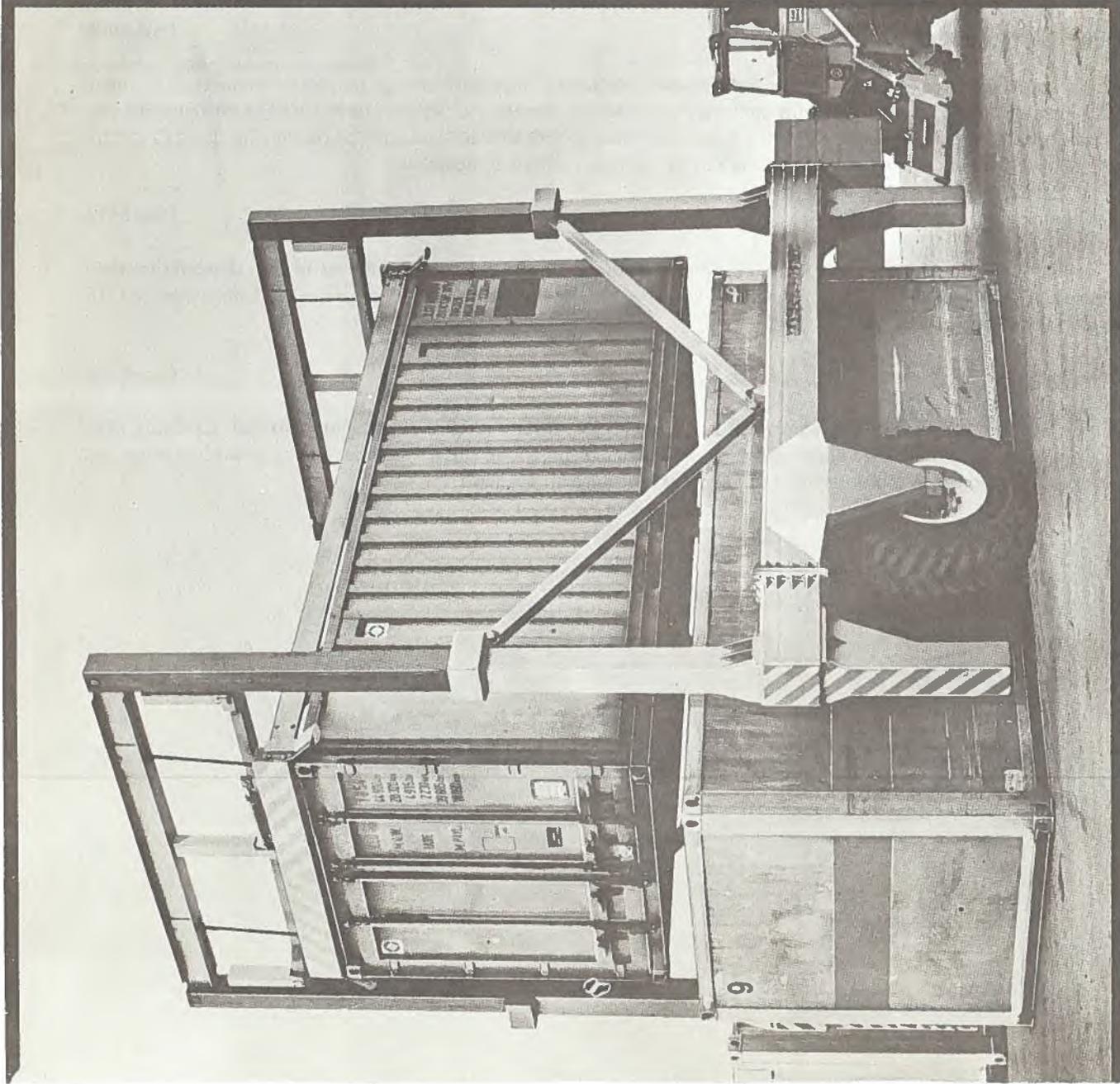
An easy-to-use instrument for accurately measuring color according to accepted international standards. The colorimeter is controlled by a small computer which can be programmed for operations such as shade sorting and color control. Drawings, a proto-type, and technical assistance are available.



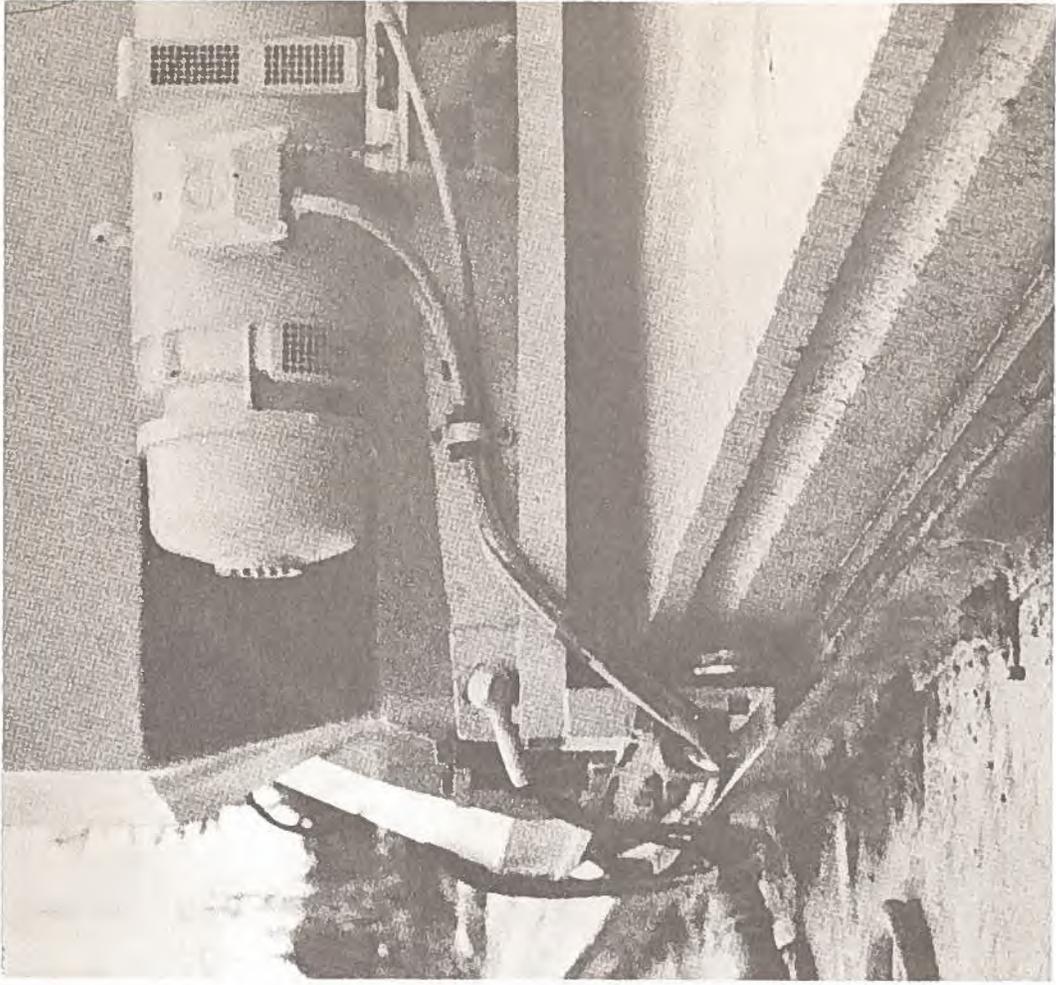
Item 2764 — Pick-Up Load-Holder  
Article 2764 — Support de charge pour pick-up



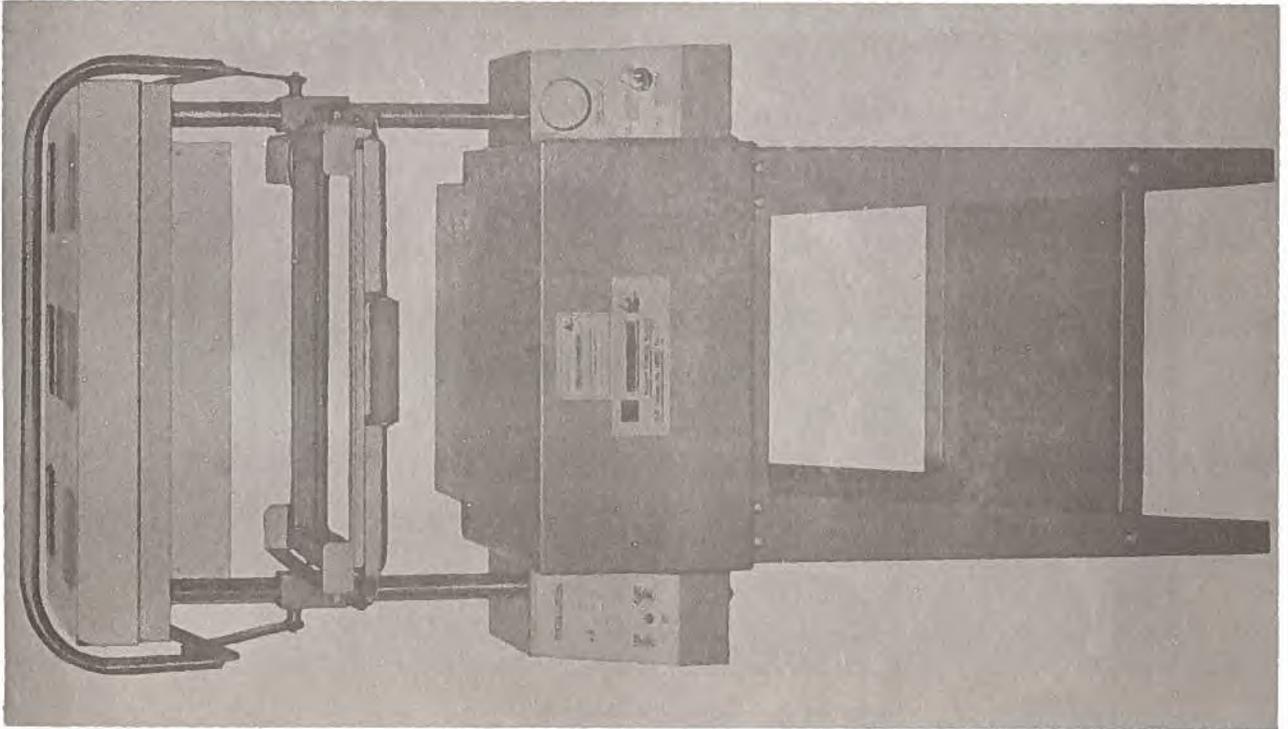
Item 2747 — Wall Cladding System  
Article 2747 — Système de parement



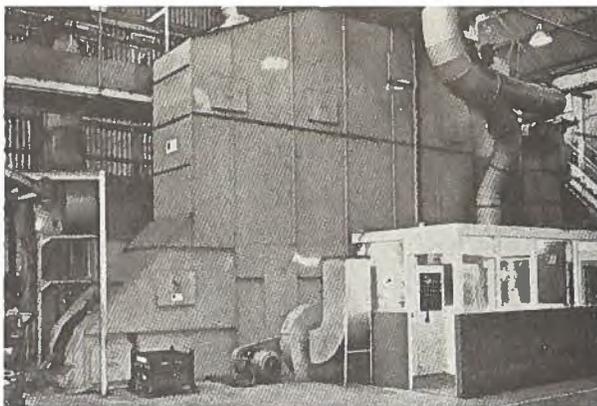
Item 2749 — Container Lift Trucks  
Article 2749 — Chariots élévateurs pour containers



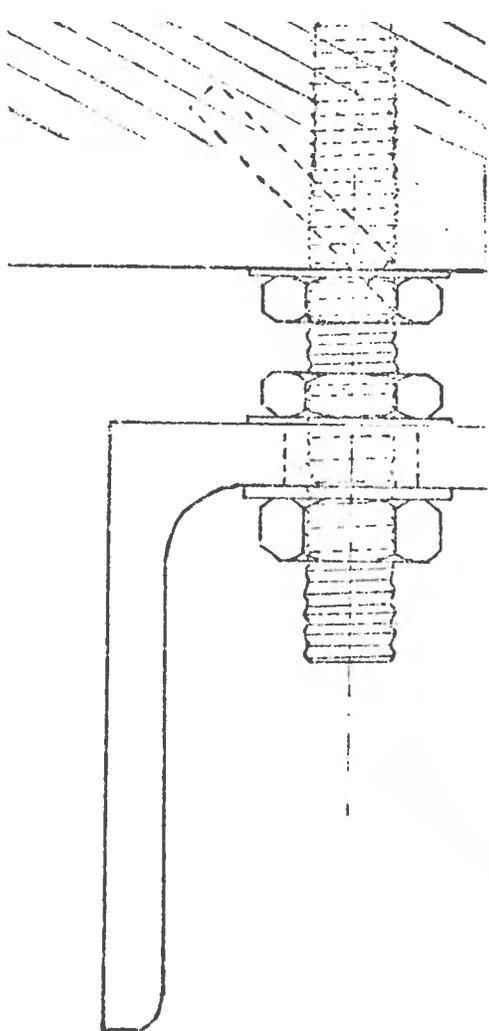
Item 2748 — Prestressed Concrete Slabs  
Article 2748 — Dalles de béton précontraint



Item 2752 — Vacuum Forming Machine  
Article 2752 — Machine à mouler à vide



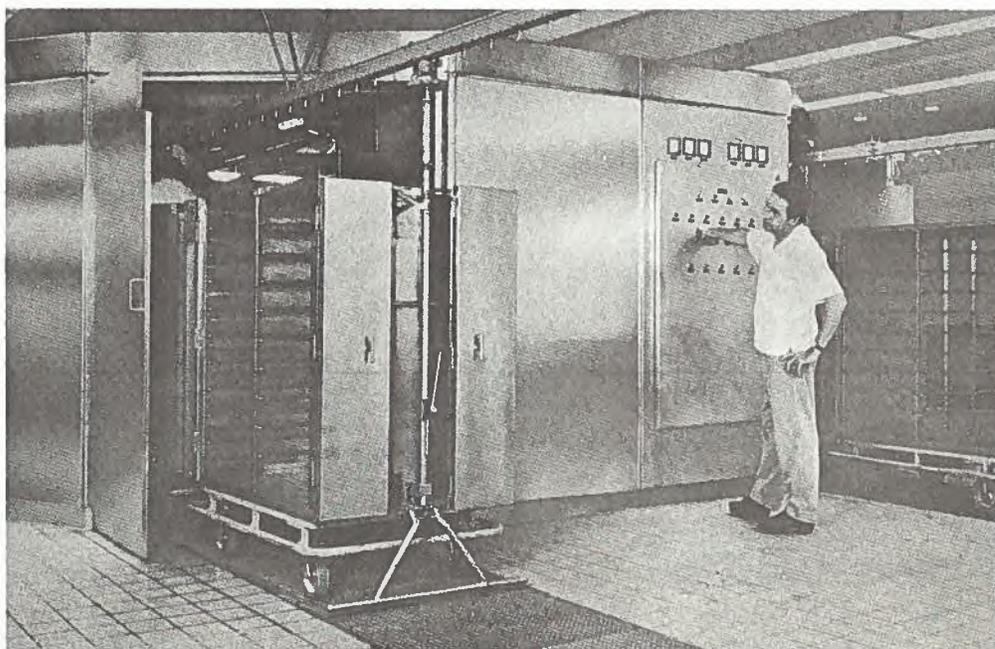
Item 2751 — Foundry Casting Machine  
Article 2751 — Machine à couler de fonderie



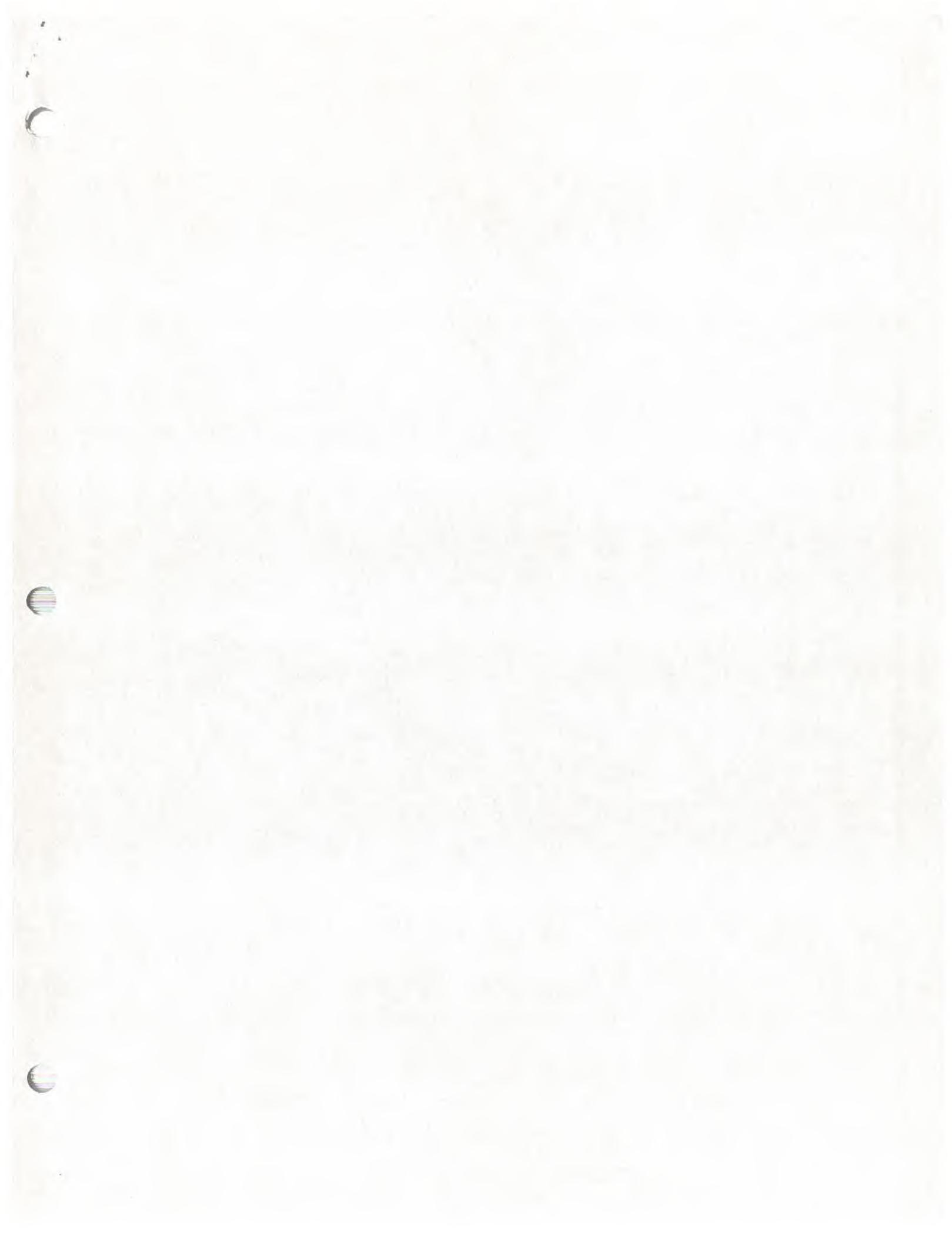
Item 2760 — Plate Anchoring Method and Device  
Article 2760 — Méthode et dispositif d'ancrage de plaque



Item 2761 — Conveyor Roller Device  
Article 2761 — Cylindre à convoyeur



Item 2750 — Automatic Washing Plants  
Article 2750 — Appareils de lavage automatiques



10

11

12