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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 194

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Insulated Building Block Construction and Method

Item 2548

American company offers under license the Canadian manufacturing and marketing rights to its patented method for building internally insulated concrete block masonry walls. The system combines a specially designed hollow concrete block unit, an insulating and spacing polystyrene insert and special joint reinforcement to provide a strong and dry wall which has good insulation properties against heat, cold, noise, fire, etc. It is claimed that the internal insulation within the block wall eliminates the need for costly furring and applied insulation on the interior wall surface. The insulating polystyrene insert also serves as a spacer for precision spacing of the blocks in the wall. Literature available. See illustration.

Sectional Fiberglass Boat

Item 2549

American company offers under license the Canadian production and marketing rights to a sectional fiberglass boat. Each of the four sections is equipped with interlocking lugs and sockets moulded into the fiberglass. The interlocking and overlapping sections provide water-tight comfort. Each section is easily portable and the boat can be assembled by one person in less than five minutes. Total weight of boat is 116 lbs.; total length is 12' 3". Once disassembled, sections nest compactly so that boat can be stored in a small area. Literature available. See illustration.

Method of Water Treatment

Item 2550

Swedish firm offers under license the Canadian production and marketing rights to its equipment for separating solid particles from liquids. The equipment consists of plates placed in a basin parallel to each other and inclined at an angle to the vertical to provide efficient separation of the three streams - incoming water, outgoing water and the waste. Large sedimentation areas are provided in relatively small spaces. This method may be applied to the treatment of municipal and industrial waste water. Literature available. See illustration.

Vacuum Mixing and Homogenizing Machine

Item 2551

Swiss firm offers under license the Canadian manufacturing and North American marketing rights to its vacuum operated mixing and homogenizing machine. This machine combines the high-speed cutting action of a homogenizer with the mixing movement of a slow speed double-motion mixer. It is most suitable for processing pasty and liquid products, such as creams, cosmetics, ointments, emulsions, etc. It features sterile action since there are no shaft-seals or bearings in contact with the product. Also, there is no gear box or oil above the mixing vessel. Literature available. See illustration.

Odour Removers**Item 2552**

Swedish firm is seeking a licensing arrangement with a Canadian company to produce its odour removers for organic wastes. These powders, blends of inorganic chemical compounds, remove the bad odour from human and animal wastes. One product is used in toilets not connected to sewage systems, like dry and chemical toilets and those connected to septic tanks. It is harmless to humans, animals and the vegetation. Another product is designed for the removal of odours from animal wastes in farms, breeding centers, etc. It contains plant nourishing substances which improve the normally poor fertilizing value of pig manure. The effect of both powders is long lasting. Literature available.

Regeneration Process for Pickling Baths**Item 2553**

Swedish firm offers under license the Canadian rights to a pickling bath regeneration process. In this process the contents of the pickling bath are continuously passed through a modified electrolytic pot in which unused assets are separated from the metal salts. The assets are then returned to the pickling bath while the metal salts are treated in a separate operation, during which nickel is obtained as one separate end product. The process is economical to operate and eliminates the problem of disposal. It is claimed that approximately 80% of the assets are regenerated and 90% of the nickel recovered. Literature available.

Blood Sample Collection Tube**Item 2554**

American inventor offers a licensing arrangement to a Canadian company to manufacture and market his apparatus for blood serum/plasma collection and retention. The device consists of a rigid tubular container equipped with a resilient piston to collect blood and to insure the sealed separation of the fluid into a light and a heavy phase. It is claimed to prevent deterioration of the sample as well as mislabelling and subsequent misidentification by internally transferring and compartmentalizing the fluid within the tube itself. Literature available.

Concrete Protective Structure**Item 2555**

Japanese firm offers a licensing arrangement to a Canadian company to manufacture its concrete components or blocks used for constructing a protective covering structure for marine works and river constructions affected by the action of water or waves. Each component consists of a moulded concrete mass having three integrally connected elongated pillar members whose heads are centripetally joined at center. The claimed advantages are: superior stability, greater wave absorption, economy, and safety in installation work. Literature available. See illustration.

Propeller – Reactor**Item 2556**

Belgian firm offers under license the Canadian manufacturing and marketing rights to its propeller – reactor. Designed for mixing liquid products, the unit's principal component is a disk comprised of two plates between which are fixed thin pipes. These pipes communicate from the plate periphery to the plate center where they are connected to an open space in the upper plate which acts as an inflow collector. When the unit rotates, the fluid is sucked into the collector, driven by centrifugal force through the pipes and ejected at the disk periphery. Positioned in a tank, the unit rotates and mixes quickly and uniformly while inducing little turmoil. It is claimed that the same principle may be applied to anti-pollution reactors, chemical reactors and pump units. Literature available.

Hand Dryer**Item 2557**

Swiss inventor offers under license the Canadian manufacturing and marketing rights to his new type of fully automatic hand dryer. The device is equipped with a fresh air intake fan, a fresh air filter, an air heater, a hand drying shell and an air suction ventilator. Wet hands are put into a hand shell where they are dusted in a flow of warm air with flakes of hygroscopic material. The flakes will stick only on wet points of the skin. After soaking up the water on the hands, the blow off pipe takes the flakes away into a waste sack. This device is recommended for hotels, schools, hospitals, etc., but has not yet been commercially produced. Literature available. See illustration.

Dual Tank Lavatory Cistern**Item 2558**

Australian inventor offers the Canadian production and marketing rights for his dual tank lavatory cistern. The cistern operates with two water compartments, one larger than the other. The larger compartment is engaged to flush solids; the smaller one has a separate knob and is engaged when flushing only fluids. The chief advantage claimed is the saving of a great amount of clean water every day. This invention has not yet been commercially produced. Literature available.

Hair Tonics and Shampoos**Item 2559**

Canadian inventor is offering under license the Canadian production and marketing rights for his hair tonics and shampoos. These preparations for treatment of the scalp and hair contain ingredients whose function is to regularize the secretions of the scalp, thus preventing excessive dryness or oiliness. These preparations include: a tonic for oily hair, a tonic for dry hair, a shampoo for oily hair and a shampoo for dry hair. These liquid products are clear and sweet-smelling. Literature available.

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 Canadian 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**

Uroflowmeter**Case 4668**

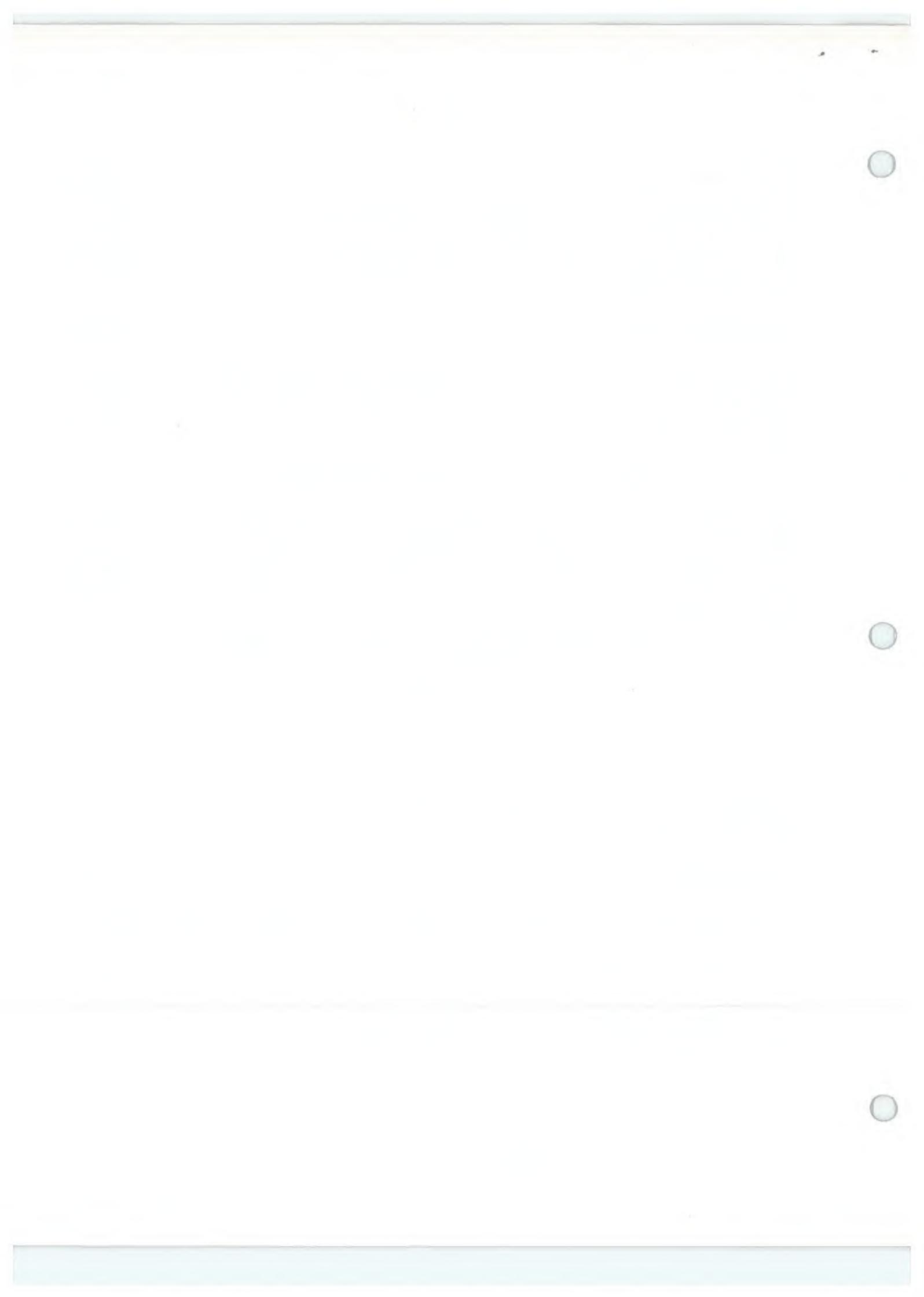
Uroanalysis is a growing medical technique that is used to detect a number of problems in the urinary tract and bladder. This uroflowmeter, developed at the Ottawa Civic Hospital, is an electromechanical device that measures total volume and flow rate.

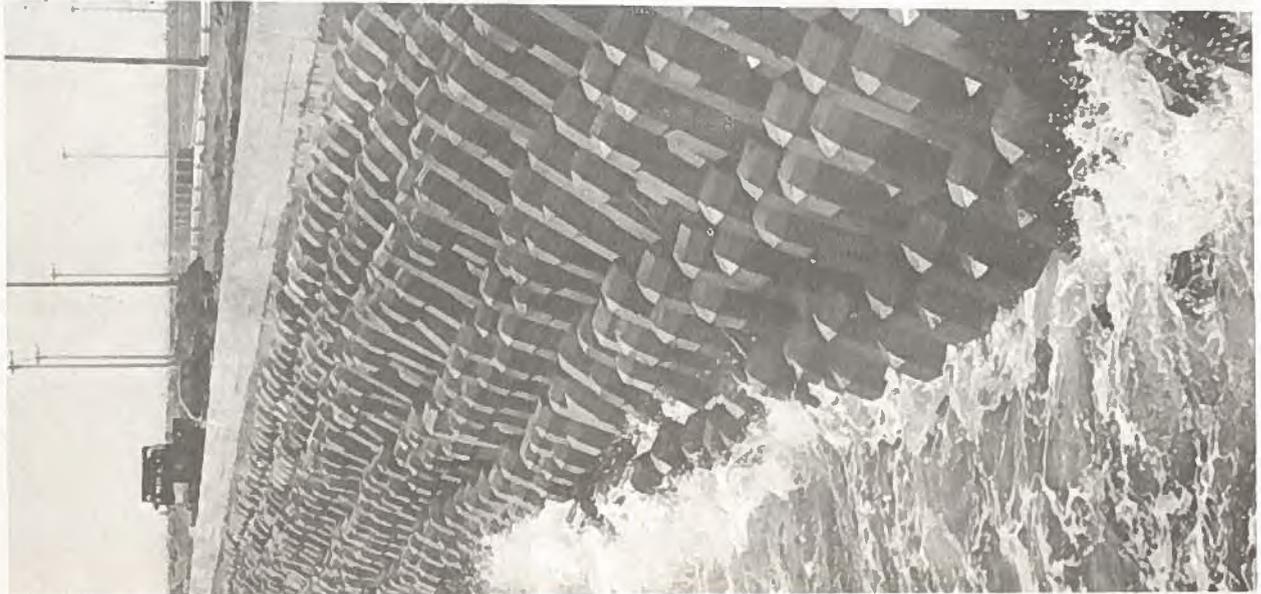
Pyro-distilled Water**Case 4990**

Ultrapure water prepared by pyro-distillation will remain ion-free indefinitely if stored under proper conditions. The process includes a step where water is heated briefly to 1000°C in order to destroy all biological material.

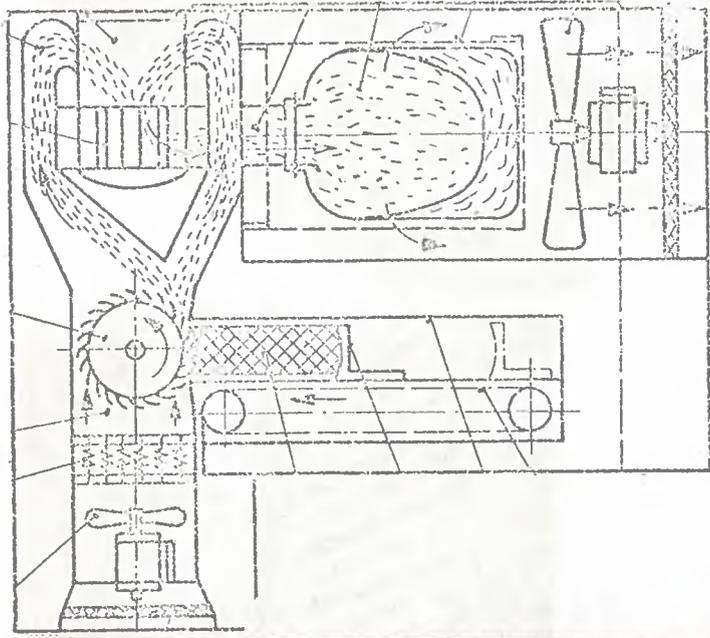
Improved Fish Protein Concentrate**Case 4752**

A bland-tasting, smooth-textured and virtually odourless concentrate. It emulsifies and coagulates adequately with fat and water for use as supplementary protein in sausages and other meat emulsion products. The described refining process may be used in conjunction with existing techniques for preparing FPC by alcohol-water extraction.

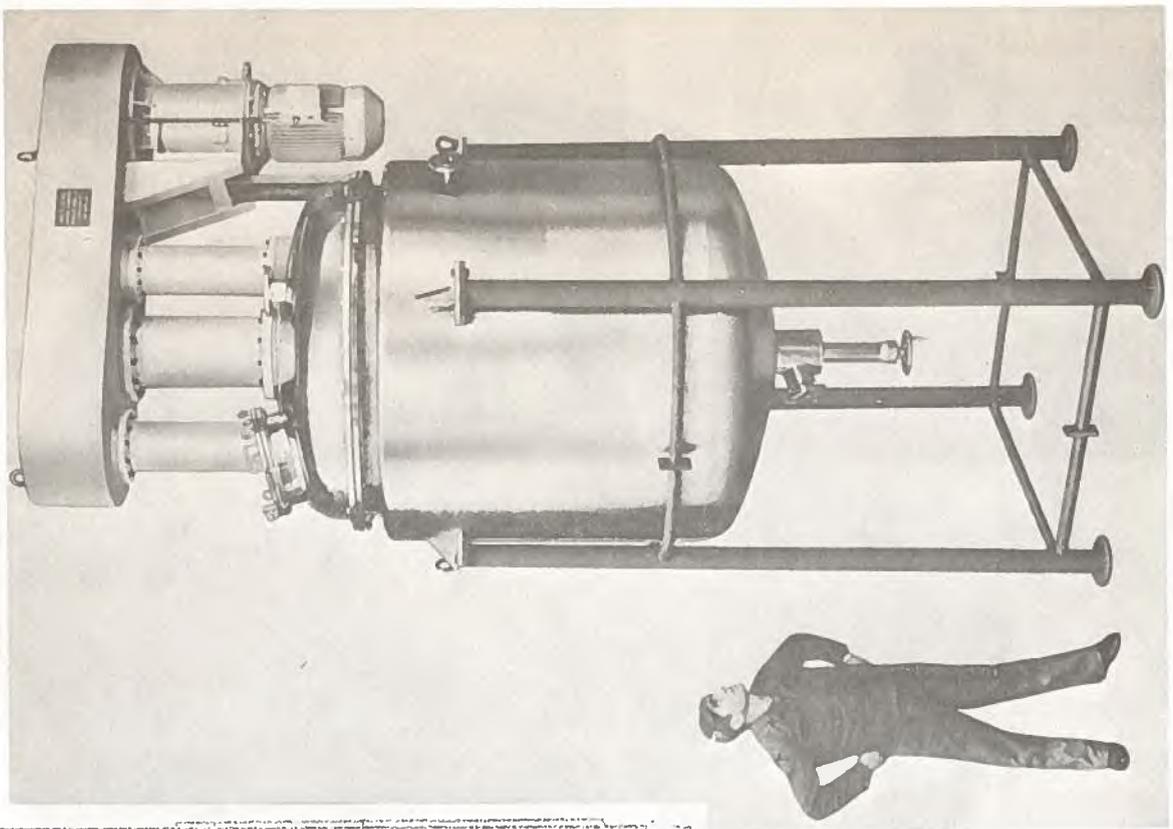




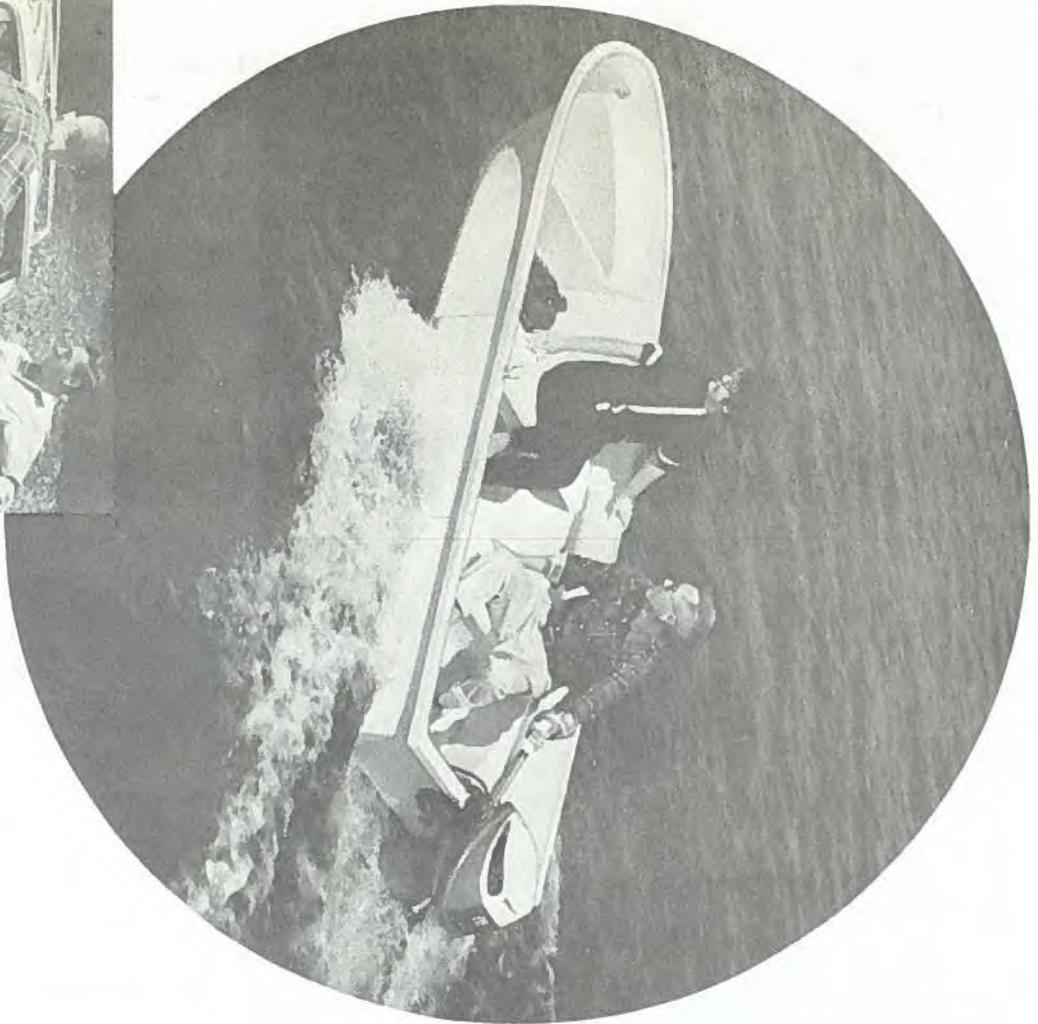
Item 2555 — Concrete Protective Structure
Article 2555 — Structure protectrice en béton



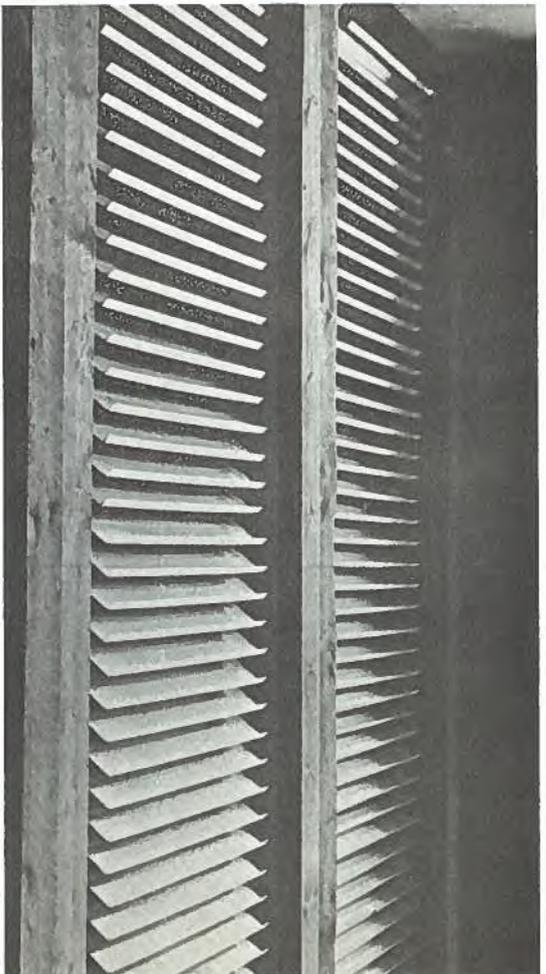
Item 2557 — Hand Dryer
Article 2557 — Sèche-mains



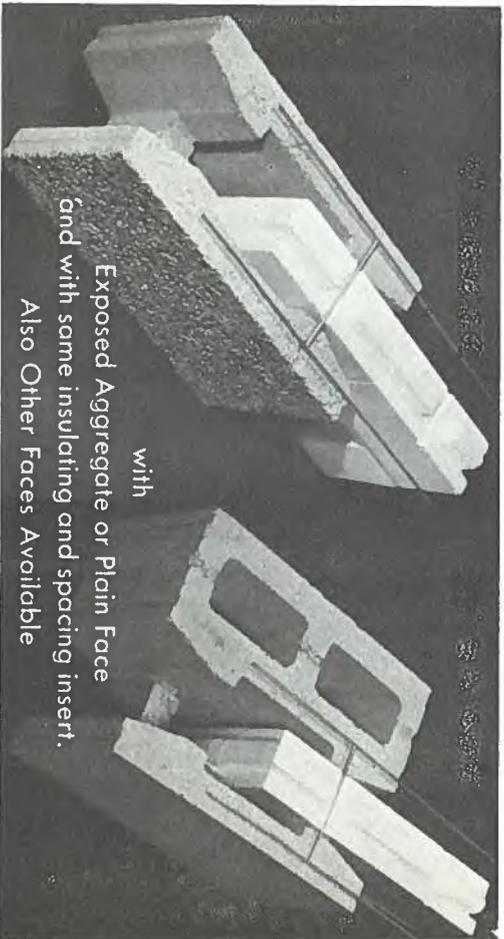
Item 2551 — Vacuum Mixing and Homogenizing Machine
Article 2551 — Machine à mélanger et homogénéiser à vide



Item 2549 -- Sectional Fiberglass Boat
 Article 2549 -- Bateau démontable en fibre de verre



Item 2550 -- Method of Water Treatment
 Article 2550 -- Méthode de traitement de l'eau



Exposed Aggregate or Plain Face
 and with some insulating and spacing insert.
 Also Other Faces Available

Item 2548 -- Insulated Building Block Construction and Method
 Article 2548 -- Construction d'édifices avec blocs isolants, et méthodes