

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 163

AUG 1 2 1969

JUNE, 1969

BIBLIOTHÈQUE
INDUSTRIE, SCIENCE ET
TECHNOLOGIE

Pressure Cookers

Item 2031

French firm offers a licensing or joint venture arrangement to a Canadian company for the manufacturing and marketing rights covering its line of pressure cookers, including an 8 quart electric unit. The cookers are available in aluminum in 10 sizes ranging from 3 quarts to 20 quarts and in four sizes in stainless steel — 4 quarts to 9 quarts. The electric unit, which is said to have many advantages, has an air filter to deal with cooking odours. The company claims that the safety system on these pressure cookers makes explosions impossible. The licensor will provide plans, know-how, and technical assistance, and is prepared to provide capital under a joint venture arrangement. The selected licensee should be a housewares manufacturer who is familiar with stainless steel or aluminum extrusion and has an established sales organization. Literature available. See illustration.

Hydraulic Excavator Equipment

Item 2032

British firm offers a licensing arrangement to a suitable Canadian company for the Canadian manufacturing rights and North American marketing rights for its patented $\frac{1}{2}$ cu. yd. hydraulic excavator equipment for mounting on crawlers tractors of 50 to 70 h.p. The excavator is mounted on a platform extending backwards from the tractor, enabling the machine to work in close quarters and to keep clear of trench or pit walls. Chief uses are for civil engineering and construction, large land drainage projects, forestry, river works, etc. Special advantages claimed include its ability to work alongside walls, etc.; economies in cost per yard excavated; ditches dug and sloped without straddling; and the fact that it can be used as a dozer without detaching the digger, even on steep slopes. Literature available. See illustration.

Universal Shovel

Item 2033

Hungarian state licensing organization offers a licensing arrangement for the Canadian manufacturing rights and world-wide (exclusive of Europe) marketing rights for its shovel excavator. This new excavator is capable of trenching and ditching along roads and walls and performing similar tasks that cannot be carried out by conventional excavators. In addition to the traditional radial movement, the machine is capable of parallel plane excavation, parallel to its own long axis, including optional angles, automatically ensured by a hydromechanical paralleling system. The jib and shovel can be fitted to any truck or tractor chassis, both rubber tired and track type. The licensee will be provided with all manufacturing know-how as well as technicians on loan if desired. Literature available. See illustration.

Bufs and Satin Finishing Wheels

Item 2034

American firm offers a licensing arrangement for the Canadian manufacturing and marketing rights for a complete line of buffs, both conventional and ventilated types, made from a variety of cotton and/or sisal base cloth constructions, and satin finishing wheels made from impregnated non-woven nylon web material. The buffs are used for smoothing off imperfections and polishing to a high finish. The wheels produce a satin finish on all types of ferrous and non-ferrous metals. The licensor will provide technical assistance, "know-how", and initial training of personnel. The licensee will be expected to provide manufacturing equipment and distribution facilities. Literature available. See illustration.

Bath and Area Rugs, Floor Pillows, Bathroom Carpeting

Item 2035

American firm offers the Canadian manufacturing rights and the Canadian and British marketing rights for high style and quality bath rugs, area rugs up to 12' x 25', floor pillows and bathroom carpeting, all in original designs. These products, which sell in the medium to high price range, are tufted of man-made fibers and/or cotton on latex coated cotton or non-woven backings. The Canadian firm should be familiar with selling soft goods to department and other retail stores. The American firm will provide manufacturing "know-how" including industrial engineering studies, technicians on loans or the opportunity for the Canadian firm's technicians to work in the American plant, sales literature, etc. Literature available. See illustration.

Speed Changes for D.C. Motors

Item 2036

French firm offers a licensing arrangement to a Canadian company for the Canadian manufacturing and marketing rights and the possibility of non-exclusive marketing rights in the USA, Central and South America for a system for speed changes for D.C. motors. The controls allow changeable speeds, synchronization and positioning of the various belt-carried components. The speed change utilizes transistors, thyristors and integrated circuits, with the possible advantages in precision and reliability afforded from this type of control. The licensor will provide plans, drawings, "know-how", instruction for technicians in France or Canada, finished or semi-finished parts. Literature available. See illustration.

Electrical Trunking

Item 2037

British firm offers a licensing arrangement for the Canadian manufacturing rights and North American marketing rights to its systemized snap-lid electrical trunking made of hot dipped galvanized steel. Offer includes a full range of fittings for cable trunking—trunking bodies, lids, couplers, and covers, riser bends, suspension brackets, power take-offs, earthing strips, suspension units and reducers. The trunking can be rolled economically in long lengths and in a variety of finishes. The chief advantages of this method are claimed to be inexpensive installation combined with maximum safety. The snap-lid permits quick inspection. The licensee will be provided with complete "know-how" including design of tooling, and would be expected to have cold rolling facilities and distribution facilities. Literature available. See illustration.

Potassium Silicate — Zinc Coatings

Item 2038

American Government agency offers to a suitable Canadian company the manufacturing rights for a corrosion resistant zinc rich metal coating. The material is prepared from potassium silicate, methyltrimethoxysilane and zinc dust together with compatible fillers and dyes for extension and identification. The mixture may be applied by any conventional means such as spraying and brushing. The metal surface to be treated should be pre-cleaned by sand blasting or acid washing. The basically inorganic coating material will protect the metal from adverse environmental conditions. Literature available.

Alkali Metal Silicate Protective Coating

Item 2039

American Government agency offers to Canadian paint manufacturers the formulas for fifteen alkali metal silicate protective coatings and primers. These waterbased coatings contain a potassium silicate based vehicle, a phosphate wetting agent, aluminum hydroxide for an increased shelf life and a boric acid hardener. They are compatible with most fillers and pigments. The coatings can be applied directly to many materials including aluminum, steel, plastics and ceramics by spraying, brushing or dipping to provide a durable, fireproof, highly adherent coating which is inert to ionizing radiation. Literature available.

Fire Resistant Coating

Item 2040

American Government agency offers to suitable Canadian company the manufacturing rights for a fire resistant coating. The material consists of potassium silicate, ceric oxide and/or alkyl trialkoxysilane, wollastonite and selected conventional pigments and fillers. The resultant suspension can be applied by spraying to produce a superior coating which has all the desired properties for such critical applications as large power plant furnaces and space capsules and components where the hazards of fire and outgassing cannot be tolerated. Literature available.

Metal Edged Plywood Cases

Item 2041

Danish firm offers for license the Canadian manufacturing rights and the Canadian and American marketing rights for its metal edged plywood cases. The cases are used for storage and handling purposes by factories and distributors. These hardwood plywood cases have been manufactured for twenty years in Scandinavia and are manufactured under license in England and Holland. The advantages of this product are its high strength and carrying weight, combined with its lightweight and inexpensive construction. The licensor will provide production "know-how" and a technician on loan. Literature available. See illustration.

Canned Meat and Fruit Pies

Item 2042

British firm offers under license the Canadian manufacturing and marketing rights for a new method of producing meat and fruit pies in cans. The main advantage of this product is its fully cooked pastry which allows the pie to be eaten immediately after the can is opened. Pies which are better when eaten warm may be gently heated. Literature available.

Spout for Transferring Liquids

Item 2043

Canadian developer offers a licensing arrangement for the Canadian manufacturing and marketing rights for a metal spout designed by a Dutch company for transferring liquids from one container to another. A special air inlet and hermetic seal allow the liquid to flow at a constant rate and completely eliminate spillage and waste. It is claimed that a Jerry Can can be emptied in less than 22 seconds without spilling a drop. The spout may be used horizontally or vertically and is, therefore, useful in confined spaces. Literature available. See illustration.

Fully Manoeuverable Vehicle

Item 2044

British inventor offers a licensing arrangement for the Canadian manufacturing rights and world-wide marketing rights for his fully manoeuverable vehicle, capable of moving in any direction. The vehicle has an arrangement of castor wheels at the ends, and one or more driving wheels in the middle which are able to rotate on vertical pivots to change the vehicle's direction. The driving wheels are attached to a rotatable platform which carries the power unit. An equalized system of springing is employed which ensures that all wheels are in contact with the ground, thus allowing the vehicle to climb steeper than normal grades. The inventor has working models. Literature available. See illustration.

Method of Moulding Pictures in Relief

Item 2045

French firm offers under license the exclusive Canadian manufacturing and marketing rights for a new method of moulding in one operation framed decorative pictures in heavy relief. The Canadian licensee may also negotiate non-exclusive foreign marketing rights. This process permits a wide range of surface textures and finishing methods and is claimed to be very economical. The process is also claimed to have additional applications. Literature available. See illustration.

Electric Cherry Picker

Item 2046

Swiss inventor offers a licensing arrangement for the Canadian manufacturing rights and world-wide marketing rights for his electric cherry picker. It is claimed that this apparatus permits cherries to be picked twice as fast as by a manually-operated machine and insures that the cherries are not damaged. The picker may be used with or without its long handle. The motor operates from 6 v. or 12 v. direct current. The licensor will provide technical know-how. Literature available. See illustration.

Heating Boilers for Wood Processing Industry

Item 2047

West German firm offers a licensing arrangement for the Canadian manufacturing and marketing rights for its heating boilers specifically designed for the wood processing industry. The boilers, in three vertical sizes, are designed to use 15 lb. of steam or 30 lb. of water as a heating medium with heating capacities from 300,000 to 4 million BTU per hour. Each furnace is equipped with two combustion chambers, one for burning waste wood (sawdust, chips, shavings, etc.) and the other for oil or gas firing, conversion one to the other being controlled by a special mechanism. The major advantages are claimed to be that they require a minimum of space for their rated capacity because of their vertical design; they use a forced draft firing system; and have a high efficiency burn-off rate. A large fuel storage capacity guarantees many hours of burning without refilling. Literature available. See illustration.

Removal of Beer Stone

Item 2048

Hungarian state licensing organization offers a licensing arrangement to a Canadian firm for the Canadian manufacturing rights and the North American and European marketing rights for a chemical and process for the removal of wort or beer stone. This material is said to be superior to existing products; safe and effective to use; and cheap since it is made from by-products currently being wasted. It is relatively non-corrosive, results in a clear beer, assists brewing hygiene, and produces an aesthetically pleasing surface on the wort-free equipment with which it is used. The licensor will provide complete technical "know-how". Literature available.

Industrial Rubber Products – Joint Venture

Item 2049

Indian firm is interested in establishing a plant, in conjunction with Canadian interests, to manufacture a variety of industrial rubber products in Canada. The Indian firm is a manufacturer of rubber and ebonite rollers for the paper, textile and rayon industries, natural and synthetic rubber linings for the protection from corrosion of storage and process vessels and pipes, and rubber blankets for use on shrinking machines in the textile industry. The Canadian participant in this joint venture arrangement will be expected to assist in providing labour, raw materials, machinery, marketing facilities and capital. Literature available. See illustration.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

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

Phosphorylating Agent for Cellulose

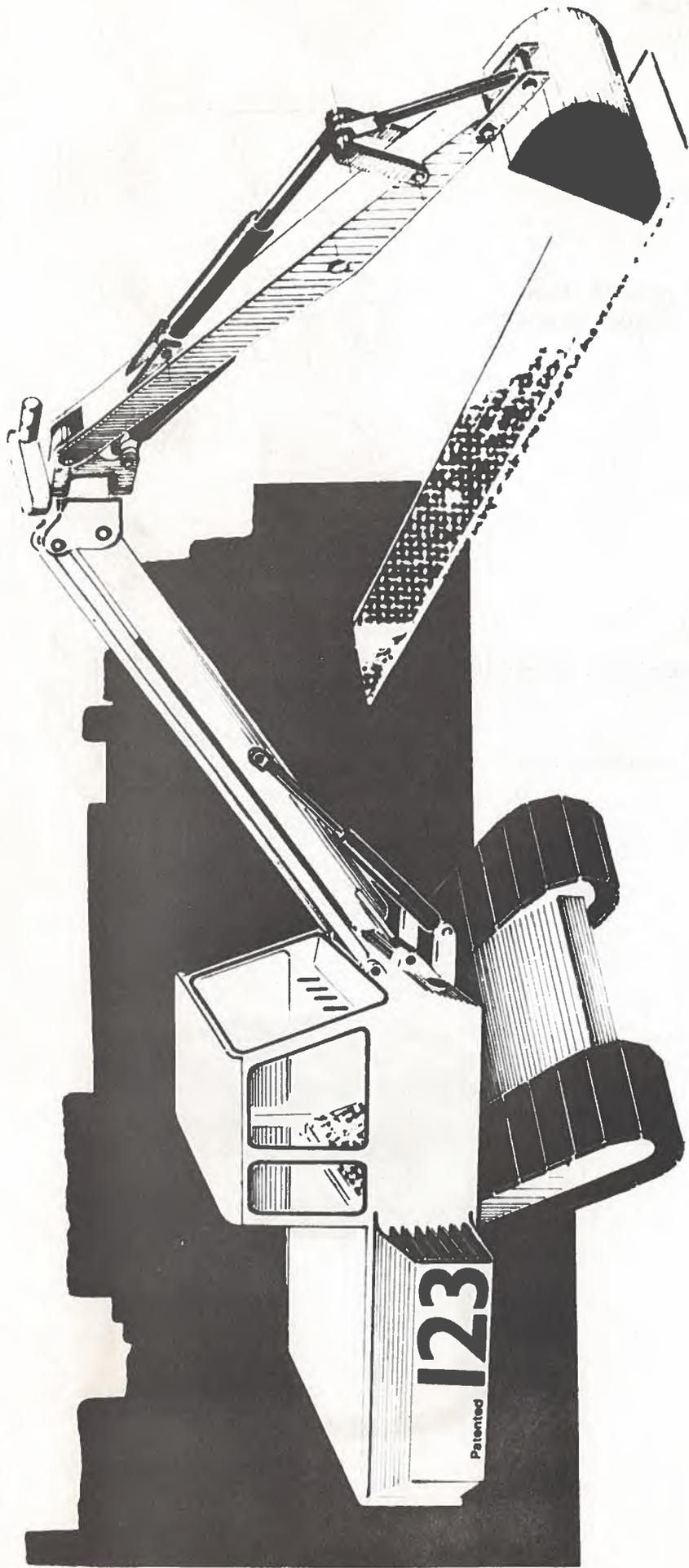
Case 4237

A simple and rapid process for introducing phosphorus into cellulosic material, particularly derivatives with free hydroxyl groups. The products are insoluble in water and most organic solvents. Being highly flame resistant they may be useful in connection with specialty papers, plastics, paints, textiles, etc. In certain cases they have marked ion exchange properties.

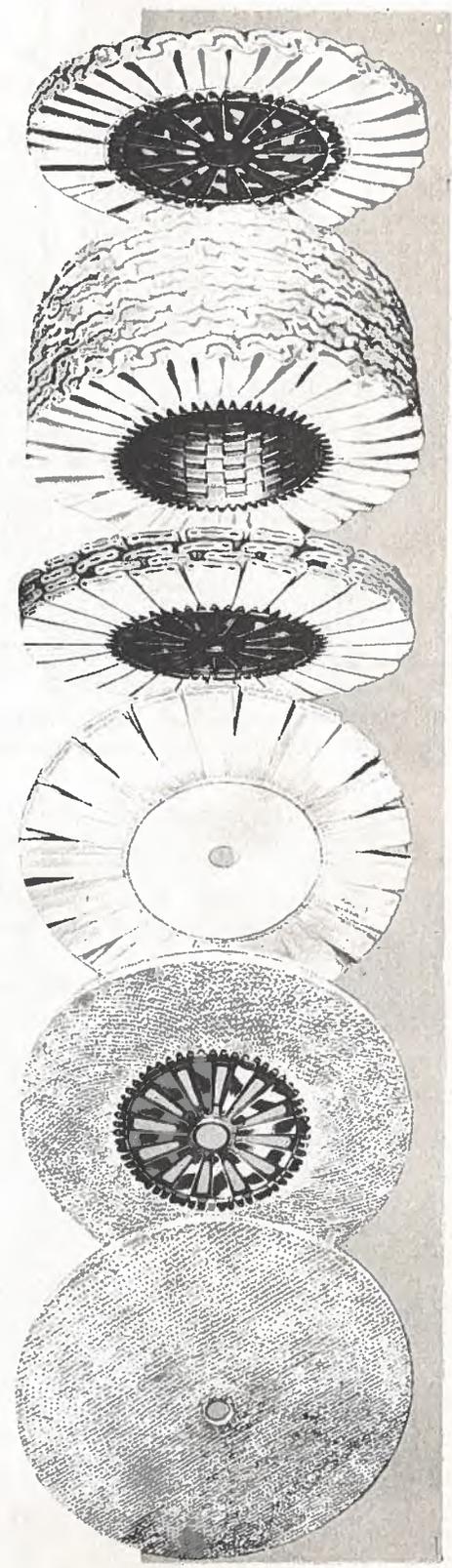
High Grade Oil and Edible White Flour From Oilseeds

Case 4244

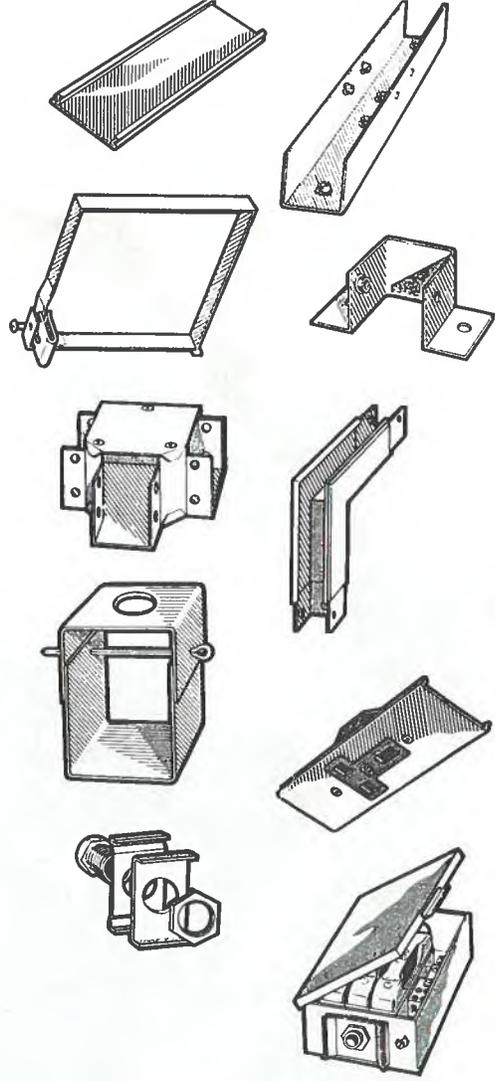
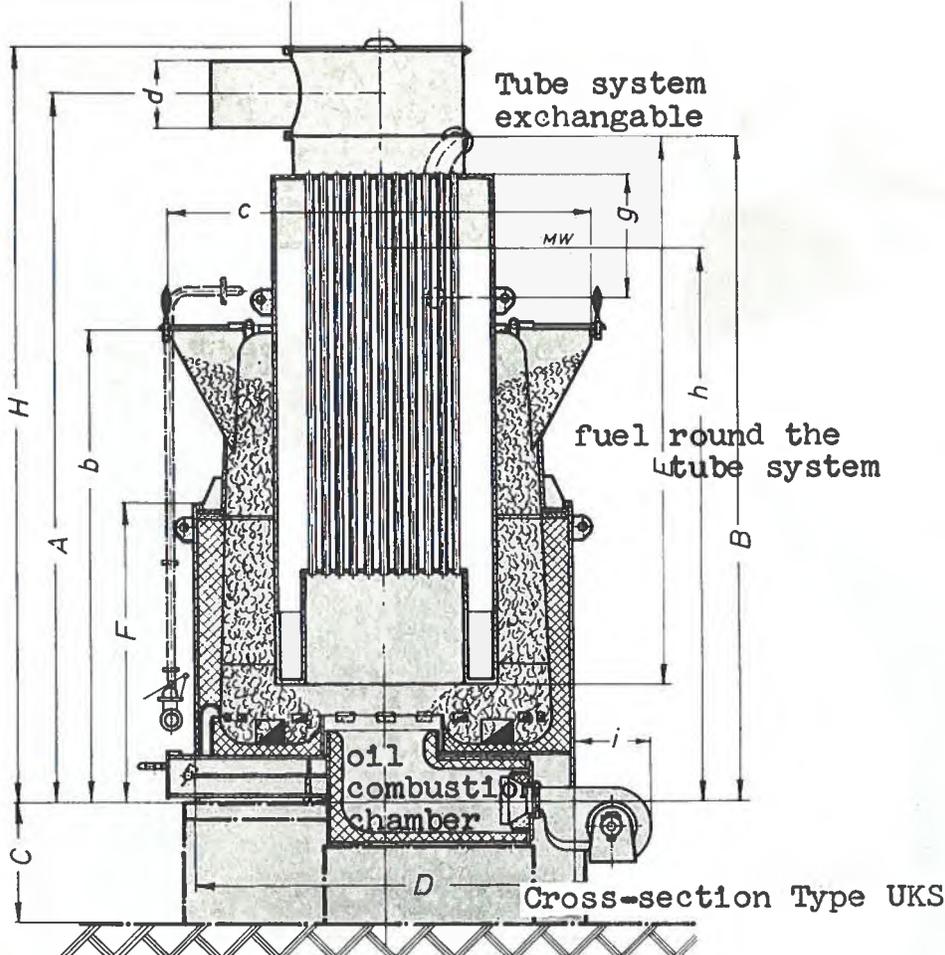
A new process for producing a bland protein-rich flour and high grade oil from rapeseed, mustard, etc. Since the thio-compounds are extracted, the process avoids one of the long standing obstacles in the use of rapeseed as a source of edible flour and at the same time gives an oil that hydrogenates readily. The meal by-product, also being free of thio-compounds, is commercially useful as a component of animal rations.



Item 2033 — Universal Shovel
Article 2033 — Pelle universelle



Item 2034 — Buffs and Satin Finishing Wheels
Article 2034 — Meules à polir et à produire des finis satinés

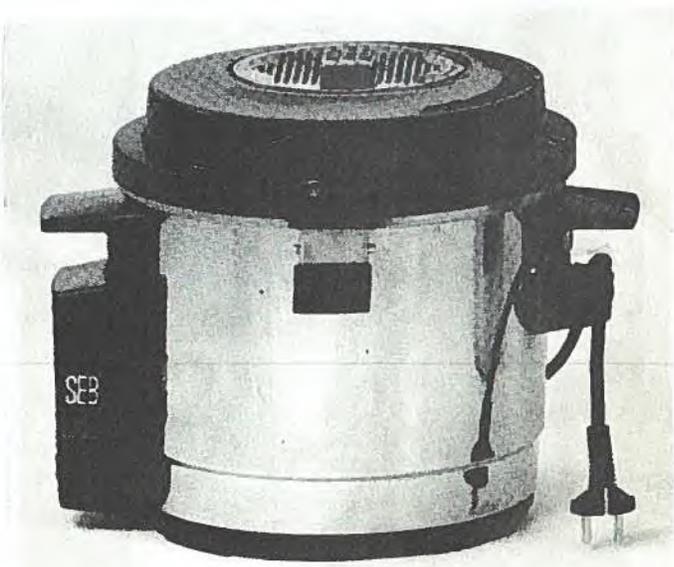


Item 2047 — Heating Boilers for Wood Processing Industry
 Article 2047 — Bouilloires de chauffage pour l'industrie de la transformation du bois



Item 2046 — Electric Cherry Picker
 Article 2046 — Cueille-cerises électrique

Item 2037 — Electrical Trunking
 Article 2037 — Caniveaux pour câbles électriques



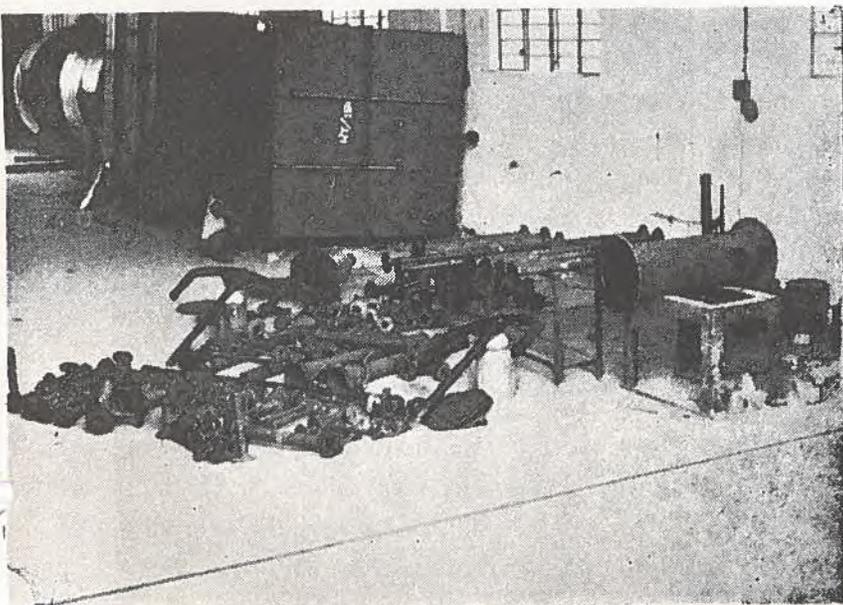
Item 2031 — Pressure Cookers
 Article 2031 — Autoclaves



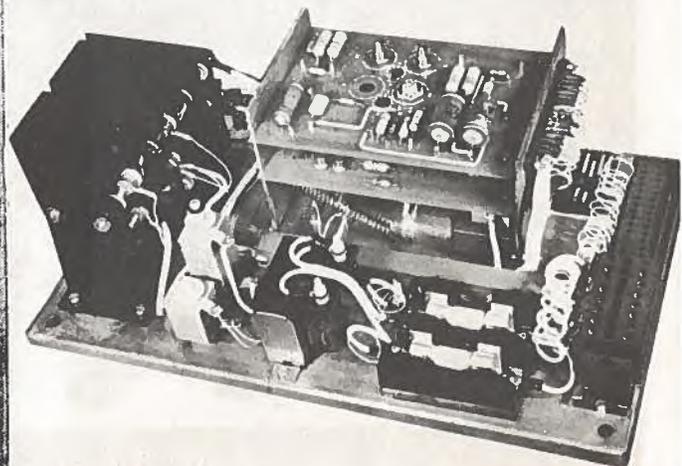
Item 2032 — Hydraulic Excavator Equipment
 Article 2032 — Matériel hydraulique d'excavation



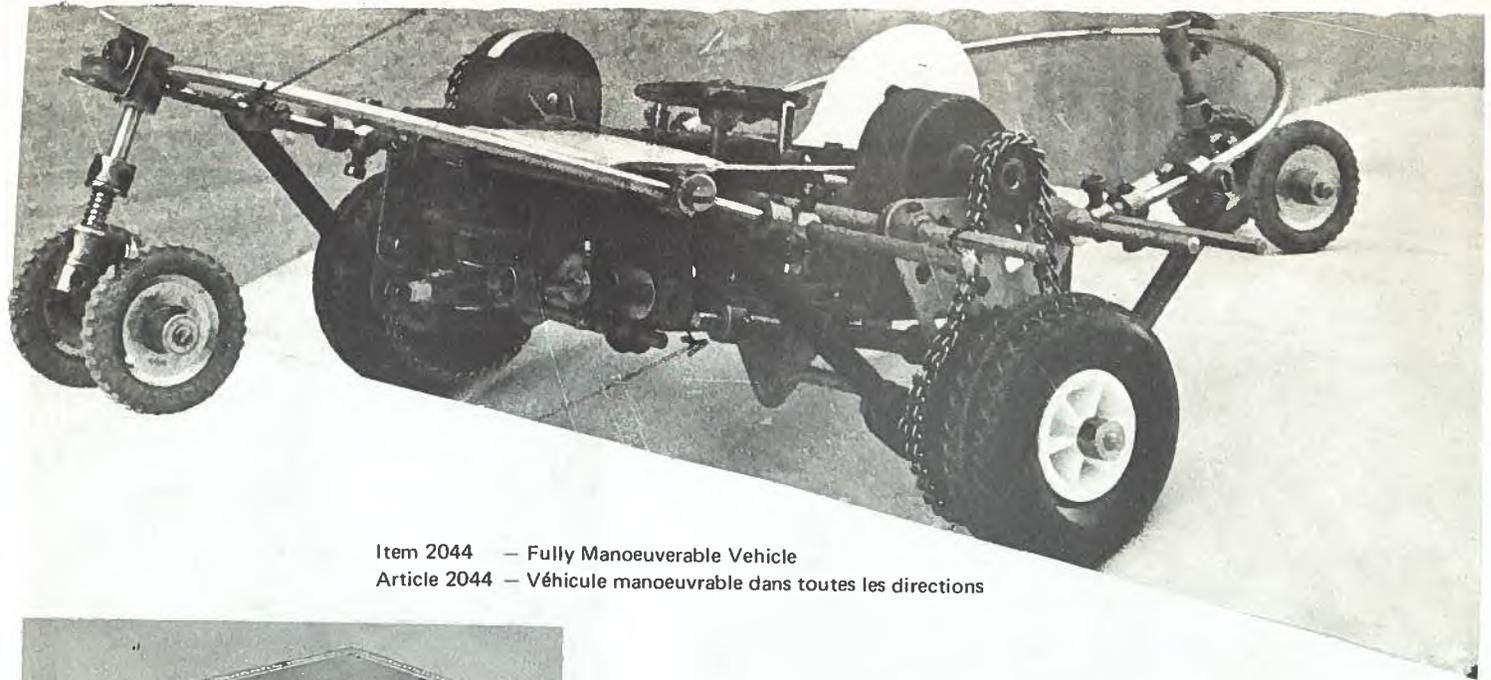
Item 2045 — Method of Moulding Pictures in Relief
 Article 2045 — Nouvelle méthode de moulage des tableaux en relief



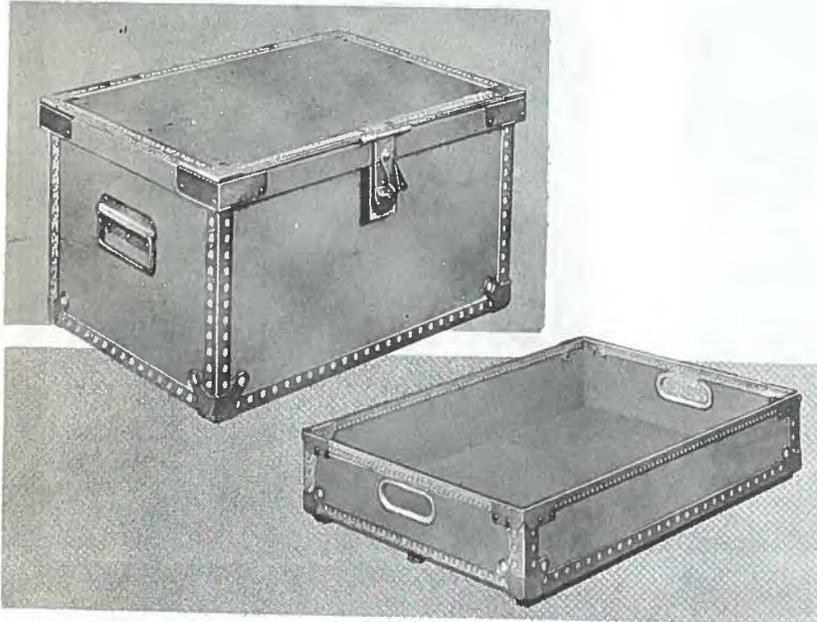
Item 2049 — Industrial Rubber Products — Joint Venture
 Article 2049 — Produits en caoutchouc pour l'industrie; entreprise en participation



Item 2036 — Speed Changes for D.C. Motors
 Article 2036 — Variateur de vitesse pour moteurs à courant continu



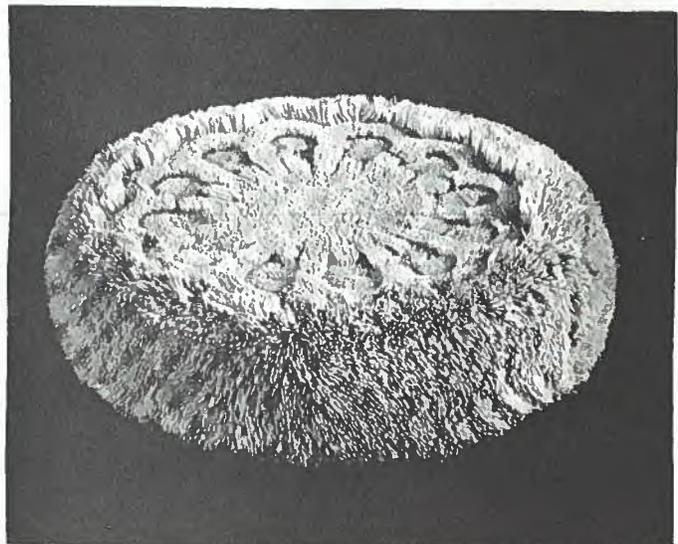
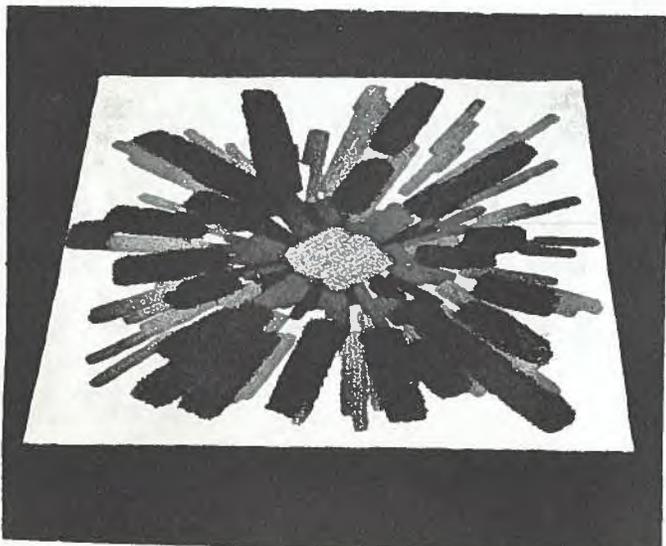
Item 2044 — Fully Manoeuvrable Vehicle
 Article 2044 — Véhicule manoeuvrable dans toutes les directions



Item 2041 — Metal Edged Plywood Cases
 Article 2041 — Boîtes de contre-plaqué à bordure de métal



Item 2043 — Spout for Transferring Liquids
 Article 2043 — Bec verseur



Item 2035 — Bath and Area Rugs, Floor Pillows, Bathroom Carpeting
 Article 2035 — Carpettes pour salles de bain et autres, coussins pour planchers, et