

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 165

AUGUST, 1969

Collapsible Ski-Bob

Item 2068

American firm offers under license the Canadian production and the Canadian and American marketing rights for a collapsible ski-bob. The ski-bob enables the user to simulate skiing without having to master the art of skiing. While sitting on the seat of the ski-bob, the user can steer the front center ski, turn the two rear skis into a snow-plow position, or incline all three skis so that they edge into the slope. The front ski has a spring to cushion unevenness of terrain. The collapsible feature allows the ski-bob to be taken on a chair lift or carried in a car trunk. The skis have plastic surfaces and steel edges. The licensee should possess factory and sales facilities. The licensor will provide drawings and a list of necessary shop equipment. Literature available. See illustration.

Outdoor Lighting Fittings and Poles

Item 2069

West German firm offers under license the Canadian production and marketing rights for a wide range of outdoor lighting fittings and tapered poles made of fibreglass reinforced polyester. These poles and fittings are resistant to corrosion and weathering and do not require painting. The need for a third neutral wire is eliminated as the pole and lamp are completely shorted to the earth. Additional advantages are claimed to be the product's light weight and resultant lower erection, foundation and transportation costs, a dielectric strength of over 5 kv, and high bending and tensile strength. The Canadian firm should have capital, sales and service staff, technical experience and factory facilities. The licensor can supply the housings with final mounting of the fittings being performed in Canada. Technical information, drawings and training of Canadian technicians in the German factory will also be provided. Export rights for parts of the U.S.A. are subject to negotiation. Literature available. See illustration.

Automatic Vehicle Washing System

Item 2070

West German firm is seeking a licensing arrangement with a Canadian manufacturer to produce and market its patented motor vehicle washing system. This wash unit consists of a washing arch, 1 top brush, 2 side brushes, a spray system and an electro-automatic control which exactly adjusts all phases of the washing program to the size and shape of the vehicle being washed. The chief advantages of this system are claimed to be its capability of washing cars, buses and trucks and its fully automatic washing cycle. The Canadian licensee should have capital, sales and service staff, and technical experience. The German firm will provide technical assistance, drawings and sales literature. Literature available. See illustration.

Building System**Item 2071**

West German firm offers a licensing arrangement to a Canadian firm to utilize its structural building system. The basic structural unit of this system's framework consists of two vertical bisymmetrical vertical arms and four horizontal arms with projecting ledges to hold the floor units. The framework is usually in reinforced precast concrete, but other materials – steel, light alloy or plastics – are also suitable. The chief advantage claimed for the system is the separation of jointing from the points of convergence of vertical and horizontal load-bearing members. Jointing is at the position of minimum stress while maximum stress occurs at the point of maximum structural strength, at the prefabricated intersections. Reinforcement of the intersections for special conditions is unnecessary and the cross-section of the framework members can also be at a minimum. Literature available.

Mechanical Window Washer**Item 2072**

Canadian inventor offers for license or outright sale the production and marketing rights for a mechanical and/or manually operated window washing device for commercial and public buildings and high rise apartment buildings. This device consists of two sprays and an electrically or manually operated wiper blade which can be operated with or without a brush attachment to clean windows rapidly and as often as required. The licensee or purchaser should have the engineering facilities to complete the development of this invention and to manufacture and market the device. Literature available. See illustration.

Conveyor Belt**Item 2073**

French firm offers a licensing arrangement to a Canadian manufacturer to produce and market its conveyor belt of variable curvature for use in snow removal and handling operations involving heavy material. The Canadian licensee should have technical experience, production facilities, and sales and service staff. The French firm will provide technical data and patents. Literature available.

Aluminum Ladders and Stepladders**Item 2074**

Dutch firm offers a licensing arrangement to a Canadian manufacturer to produce and market a wide range of aluminum ladders and stepladders. These rigid, lightweight and durable products are manufactured from aluminum alloy components possessing high anti-corrosive properties which, for reasons of safety, are not welded. The licensee should have a sales and service staff. The licensor will provide technical information, drawings, parts and promotional material. Literature available. See illustration

Intruder Alarm System**Item 2075**

British firm offers under license the Canadian manufacturing and Canadian and American marketing rights for an electronic security system which operates on the principle of electrical balance and is claimed to be impossible to neutralize. To maintain perfect electrical balance every length of wire and every detecting or warning device in the system is given an electrical value (resistance, capacitance, or inductance or a combination of all three). The control unit is then adjusted so that it has an electrical value in perfect balance with the total value of the rest of the system. If the system is tampered with in any way, the balance will be upset and the alarm given. The system also has a cost advantage since the wiring is tamperproof and therefore it is not necessary to encase it in a conduit or to bury it in walls. The Canadian licensee should have experience in assembling and testing transistorised equipment. Literature available.

Exhaust Gas Extractor**Item 2076**

British firm offers under license the Canadian production rights and the Canadian, United States, Central and South American marketing rights for an exhaust gas extractor for the accelerated extraction of exhaust gases from all types of internal combustion engines, including diesels. As the hot exhaust gas leaves the tail pipe it is forced into an outward spin by the spiral wire within the extractor. The exhaust gas then combines with the cold air entering through the cone of the extractor to create a vortex which causes much greater suction in the exhaust system, thus removing spent gases and carbon much more efficiently and reducing back pressure. It is claimed this device gives better acceleration and hill-climbing, increased top gear performance and improved fuel economy. The British firm will provide the complete "knocked down" assemblies if desired. Literature available. See Illustration.

Glass Products**Item 2077**

West German firm offers a licensing or partnership arrangement to a Canadian manufacturer to produce and market its special glass products. The products include thermo-flasks, illumination glass, lenses, signal glass, opaque and coloured glass, crystal and lead crystal, luxury glassware, neutral glassware for laboratories, mosaic glass, heat resistant glass and other specialties. The Canadian firm should possess capital, and sales and factory facilities. The German firm can provide technical "know-how" including the complete planning, erection and management of a new plant or the redesign of an existing plant. The loan of technicians on a contract basis, and training assistance can also be provided. Export rights are available if required. Literature available.

Portable Steel Buildings**Item 2078**

Canadian inventor offers licensing arrangement to Canadian firms to produce and market a portable prefabricated steel building. The building is 8' x 8' and 7'6" high and is suitable for heavy duty industrial and construction storage use. The floors are steel overlaid with cement panels and "U" bolts in the roof permit the building to be lifted with a crane. It is claimed that the special type of steel used does not rust and never needs painting. The licensee should be a steel fabricator or have a welding shop. Technical information, drawings, sales and advertising literature will be provided by the inventor. Literature available. See illustration.

Plastic Baseboard**Item 2079**

West German firm offers for outright sale or license the Canadian manufacturing and marketing rights for a patented plastic baseboard. This baseboard of hard polyvinyl-chloride may be used with current types of wall materials and can be installed after floor-laying, painting and papering have been completed. The special nails used to install the baseboard allow it to be easily mounted and dismantled if cables must be laid behind it or if renovation or repairs to the floor or walls are necessary. This product is currently being manufactured and sold under license in most West European countries. The Canadian firm should have plastic extrusion equipment. Literature available. See illustration.

Voltage Limiter**Item 2080**

Canadian inventor offers under license the Canadian production rights and the Canadian and American marketing rights for a patented voltage limiter or regulator which protects electrical and electronic equipment, designed for operation in the range of 110 to 120 volts, from continuous line over voltage conditions as well as transient and rush-in over voltage conditions. This three stage device can accommodate a variety of tube combinations and is claimed to offer positive protection against excess heat and line voltages up to 145 volts as well as protection against lightning. The device is compact with dimensions 6½" x 4½" x 2" and has been C.S.A. approved. The licensee should have capital and production and promotional capabilities. Literature available.

Digital Computers**Item 2081**

American firm is seeking a licensing arrangement with a Canadian manufacturer to produce and market in Canada its line of high-speed, byte-oriented micro programmable digital computers. This computer series is designed for the high volume original equipment manufacturer in the fields of data communication, data acquisitions, analytic instrumentation, numerical control, test automation, as an integral part of a control or processing system. Advantages are claimed to be high speed, micro programming flexibility, functional modularity which permits the system to be expanded or reduced, and system oriented packaging thus permitting installation in a system at a minimum cost. This computer line is presently being manufactured and sold in the U.S.A. and France. The licensee should be an original equipment manufacturer in such fields as electronic data processing equipment, numerical control equipment, data communications, analytic instrumentation and test automation. The American firm will provide technical data, technical training in plant, materials and components as required, marketing assistance and literature. Literature available. See illustration.

Lasers**Item 2082**

American firm is seeking a joint venture or licensing arrangement with a Canadian manufacturer for the production and sale in Canada of a line of helium-neon gas lasers and accessories and other electro optical instruments. The principal areas of application for this line of lasers are the precision alignment and checkout of mechanical structures and machines to extremely close tolerances; construction, surveying and navigation; educational; general laser instrumentation; electro optical instrumentation to detect low light levels, calibrate and reference unknown light levels, and for the tunable selection and filtering of light and the display of infrared laser and noncoherent radiation. The Canadian firm should have experience in a related technical field such as equipment for photo-electronic analysis, a technically trained sales staff, capital and machinery. Drawings, patents, technical information, parts, and sales and promotional literature can be furnished by the American firm. Literature available. See illustration.

Cabin Cruisers**Item 2083**

British firm offers under license the Canadian production and marketing rights for its high speed motor cruisers, which are particularly suitable for rough water. The American marketing rights, to be held jointly with the British firm, are also available. The construction of these cruisers, ranging up to 38' in length, gives an extremely strong but lightweight high speed craft suitable for pleasure cruising, harbour use, surveys, big game fishing, and passenger transport. The licensee should have wood working skill and a sales staff. The British firm will provide technical information, drawings, partly completed hulls if required, sales and advertising literature. Literature available. See illustration.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

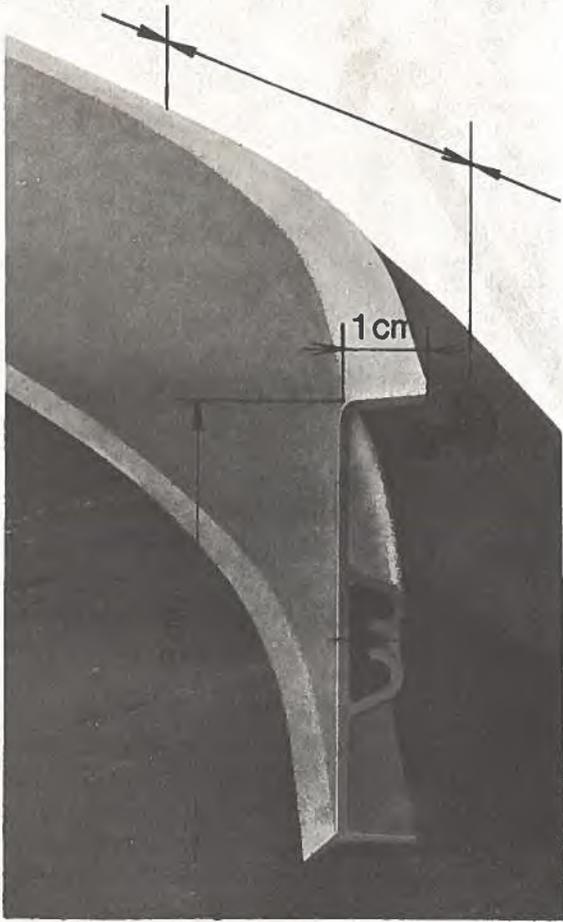
Canadian Patents and Development Limited,
275 Slater Street,
Ottawa 4, Ontario.

Automatic Zero Suppression Circuit**Case 4029**

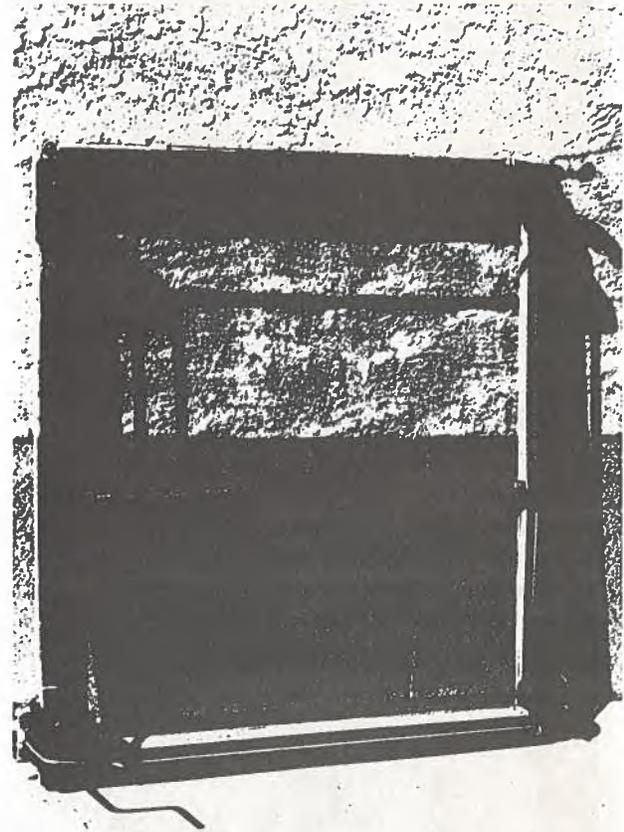
A voltage control circuit for recorders used with instruments such as magnetometers. This circuit provides an electronic voltage sensing device to determine when the input to the recording system has exceeded allowable limits and then operates to bring this input back within the proper range. There is no loss of sensitivity and consequently no loss of data.

Demountable Quadrupole Magnets**Case 4257**

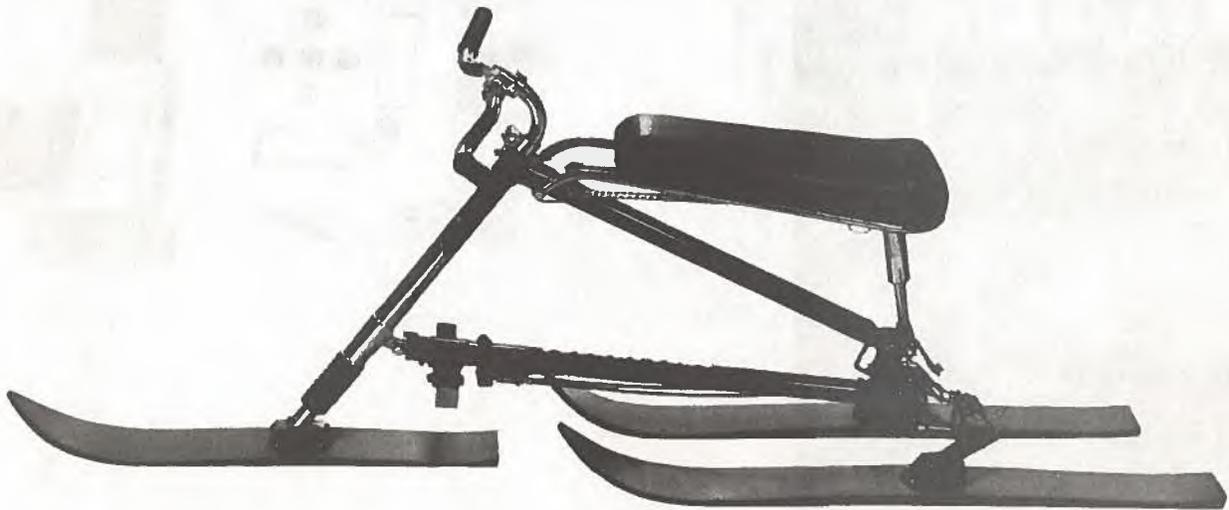
A magnetic lens assembly for use in particle accelerators to focus the beam. The assembly is split so that it can be installed and removed easily without interfering with the beam tube.



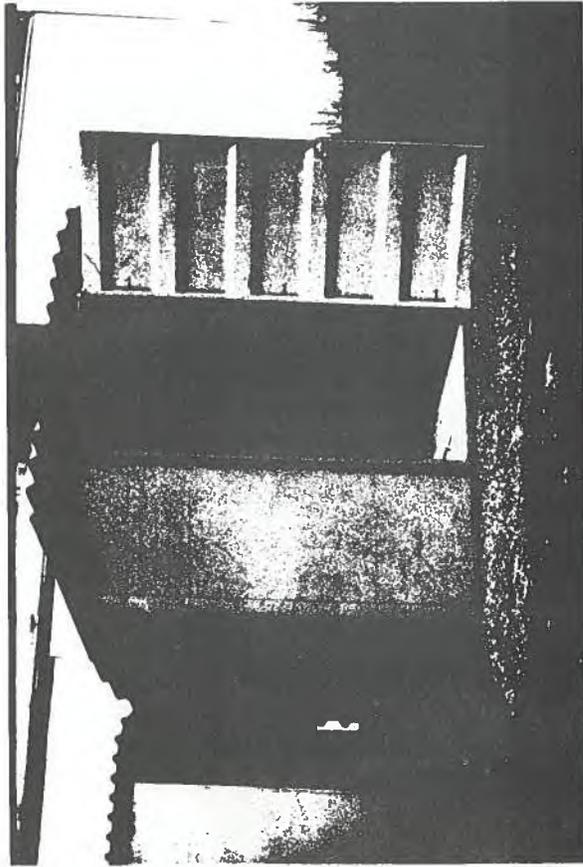
Item 2079 — Plastic Baseboard
Article 2079 — Plinthe en plastique



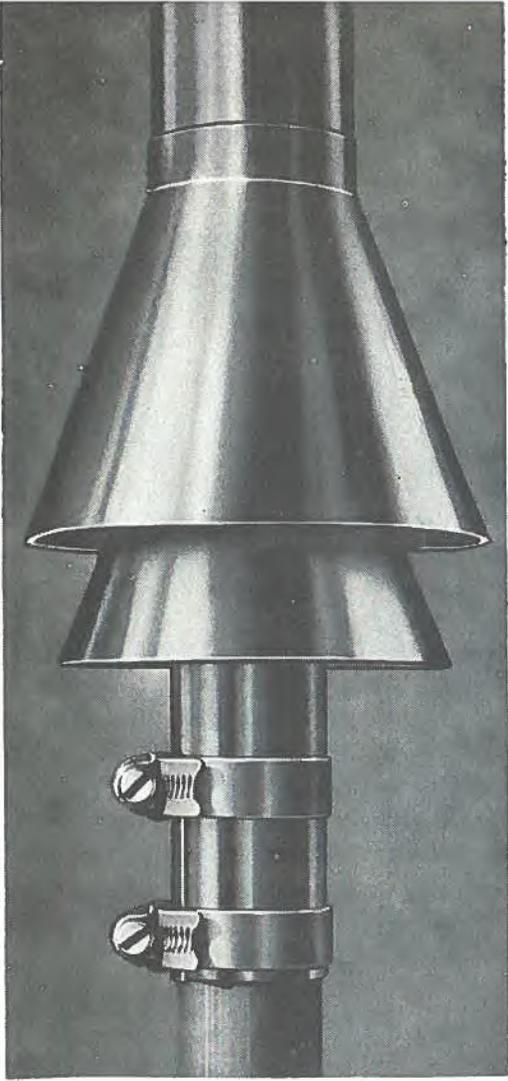
Item 2072 — Mechanical Window Washer
Article 2072 — Laveur mécanique de fenêtres



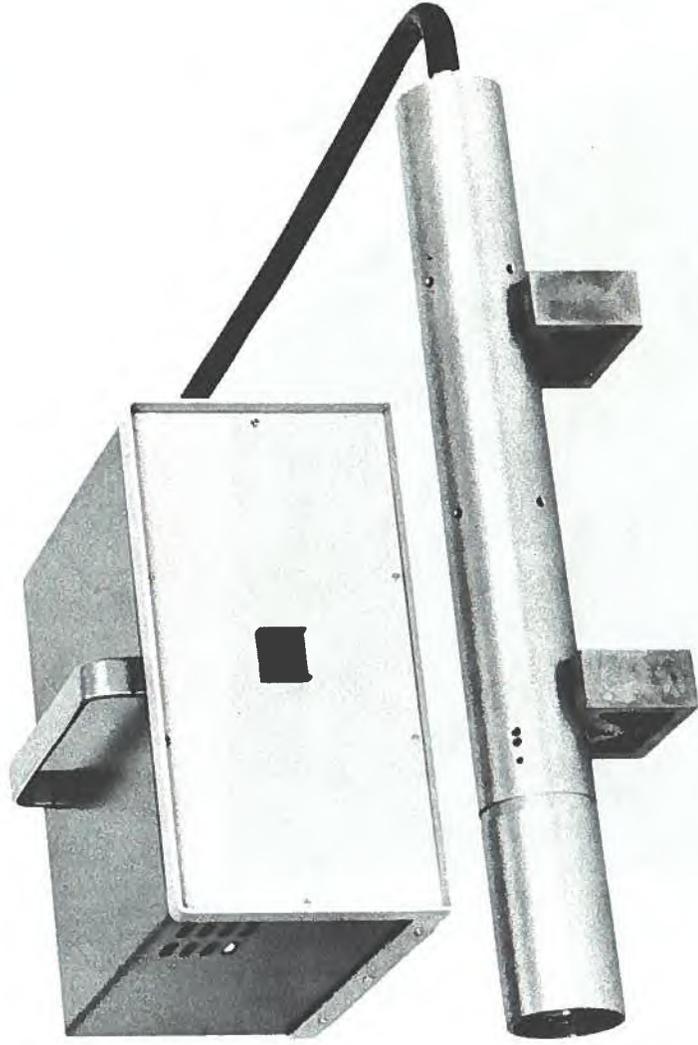
Item 2068 — Collapsible Ski-Bob
Article 2068 — Tri-ski pliable



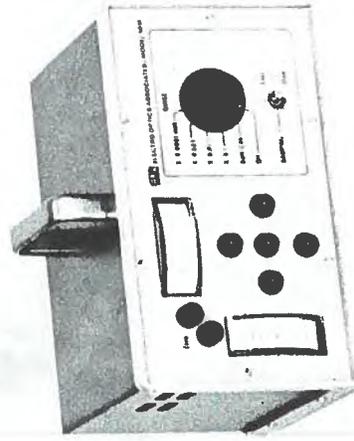
Item 2078 — Portable Steel Buildings
Article 2078 — Constructions portatives en acier

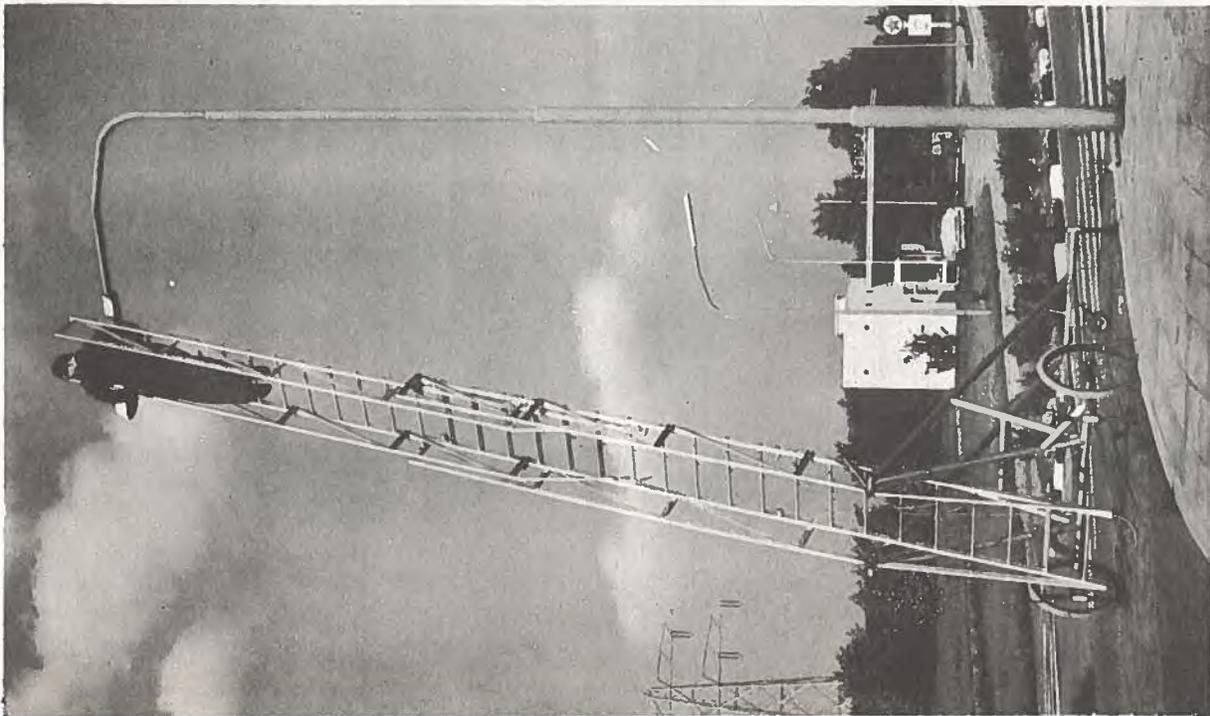


Item 2076 — Exhaust Gas Extractor
Article 2076 — Extracteur de gaz d'échappement

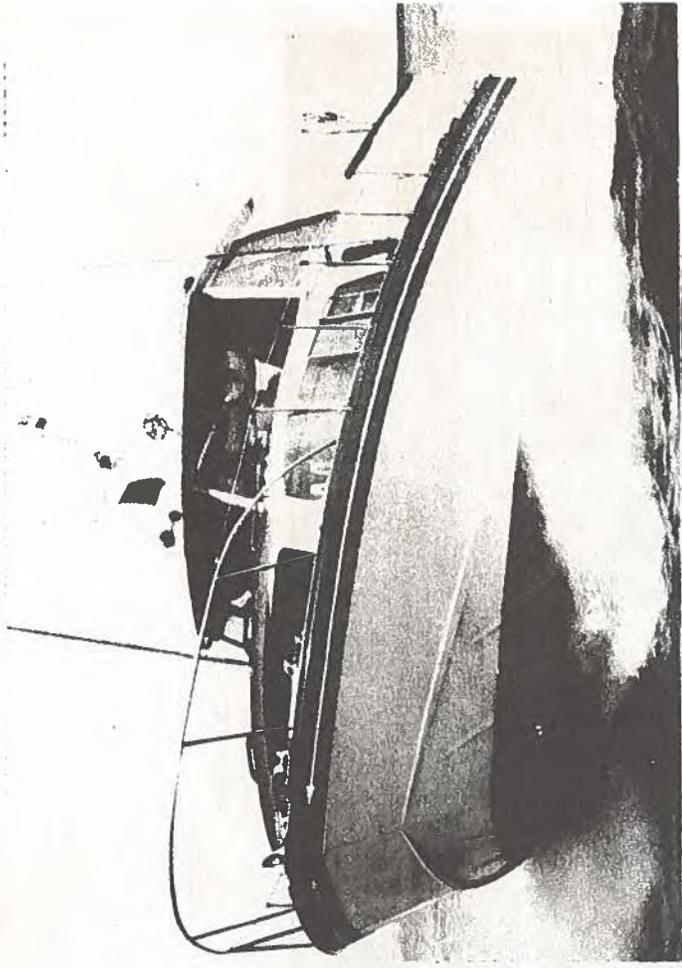


Item 2082 — Lasers
Article 2082 — Lasers

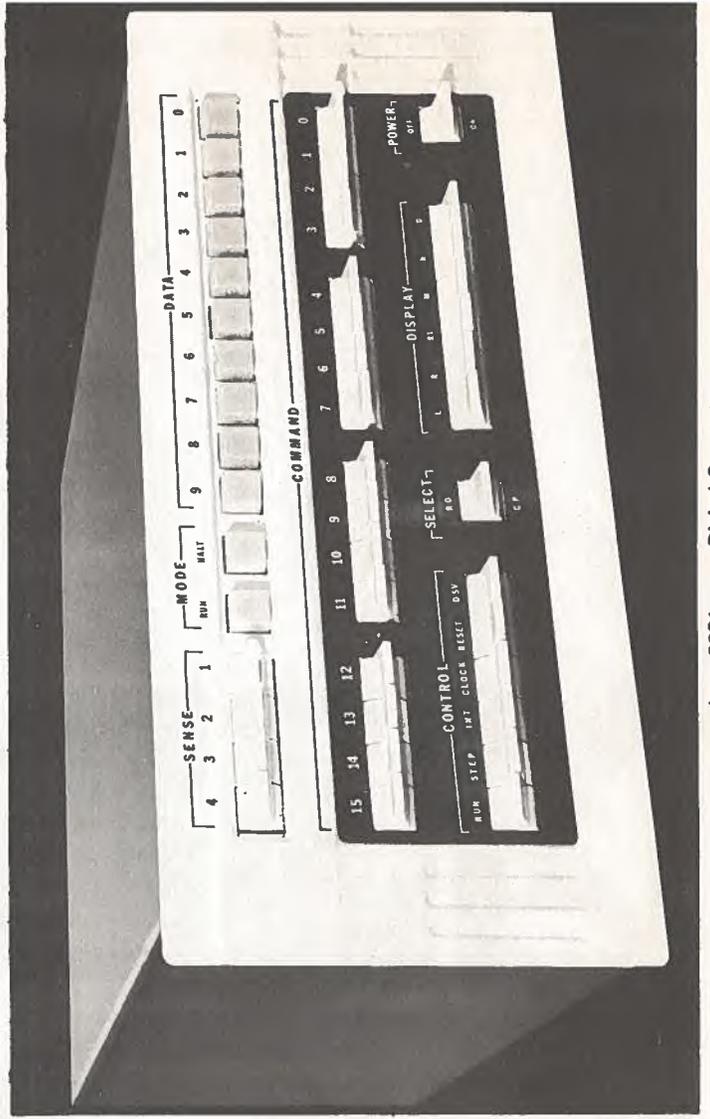




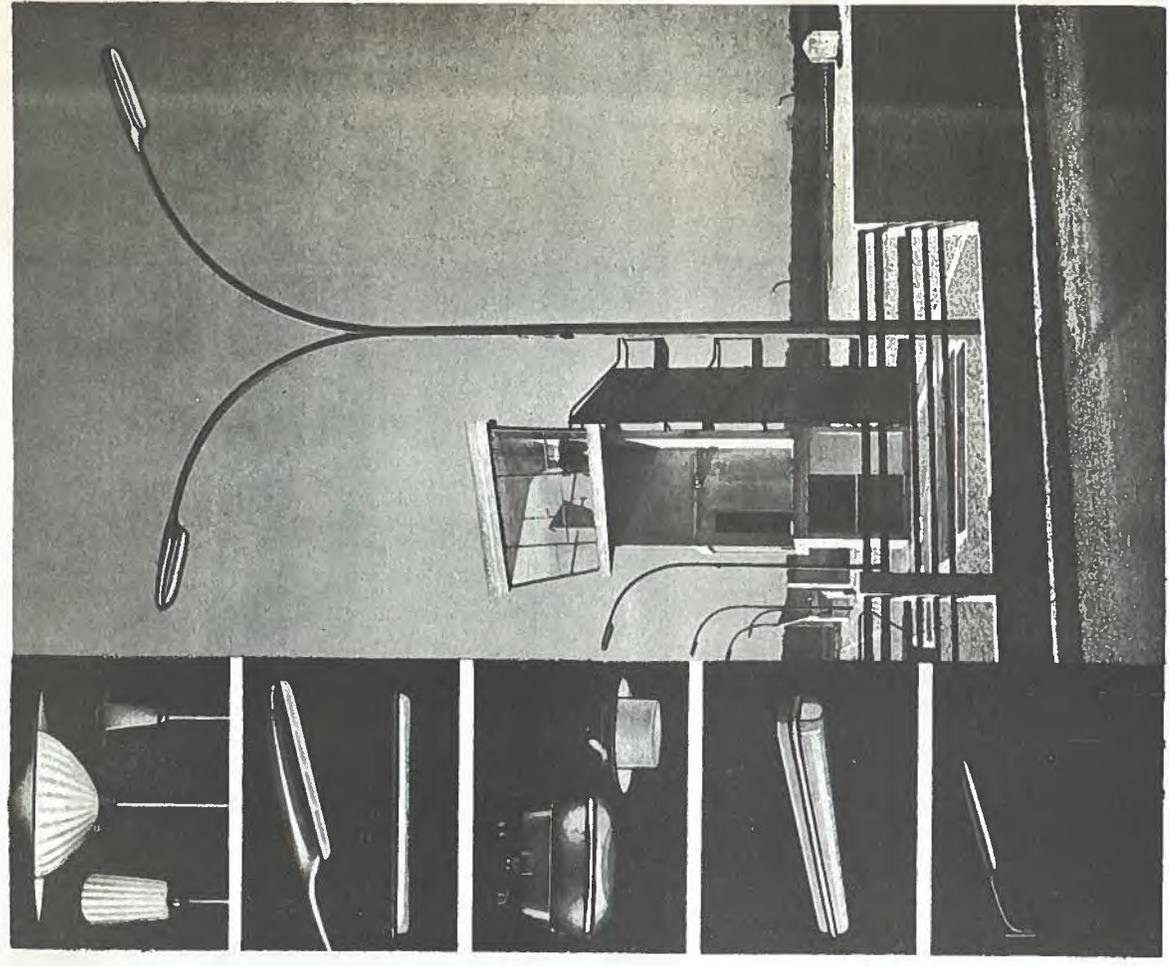
Item 2074 — Aluminum Ladders and Stepladders
 Article 2074 — Echelles et escabeaux en aluminium



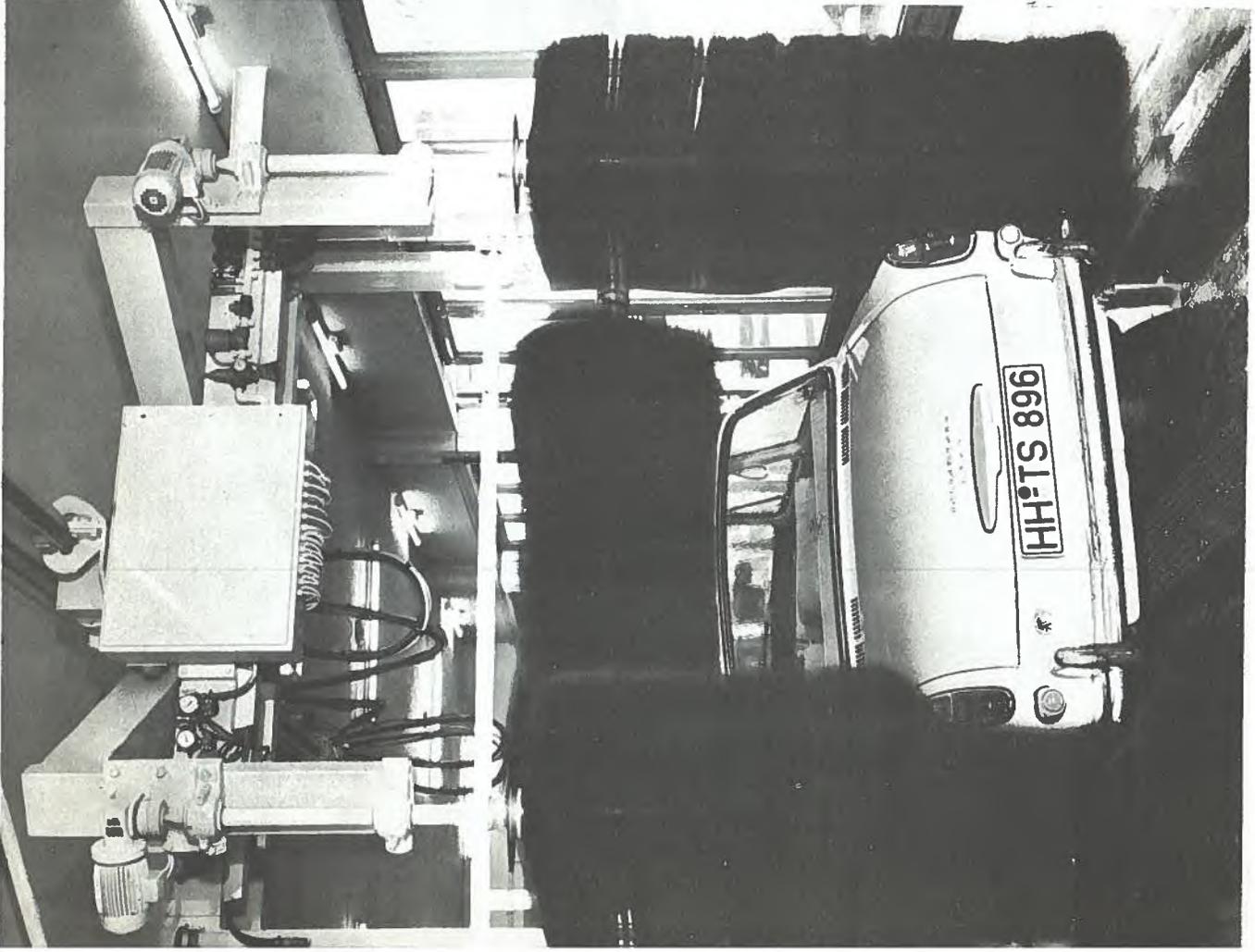
Item 2083 — Cabin Cruisers
 Article 2083 — Yachts de croisière (à cabines)



Item 2081 — Digital Computers
 Article 2081 — Calculateurs numériques



Item 2069 - Outdoor Lighting Fittings and Poles
Article 2069 - Accessoires et poteaux pour éclairage à l'extérieur



Item 2070 - Automatic Vehicle Washing System
Article 2070 - Système de lavage automatique des véhicules