

new products bulletin

INDUSTRIAL AND TRADE
ENQUIRIES DIVISION

DEPARTMENT OF INDUSTRY, TRADE AND COMMERCE
OTTAWA

CANADA

AUG 13 1969

BIBLIOTHEQUE

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 164

JULY, 1969

Welding Equipment

Item 2050

West German manufacturer offers under license the Canadian production rights and the Canadian and American marketing rights for a wide line of resistance and inert gas welding equipment. The firm has developed CO₂ and TIG welding equipment for manual and mechanized welding and claims to have satisfactorily solved the problem of spot and seam welding coated sheet steel. The Canadian licensee should possess technical competence and a sales and service staff, and should have contacts in the sheet metal working industry. The licensor can provide technical information, technicians on loan, drawings, parts or materials, and sales and advertising literature. Marketing rights for additional countries are subject to negotiation. Literature available. See illustration.

Adhesive Bonding Method

Item 2051

American Government agency offers to a Canadian company the non-exclusive royalty-free license for the commercial use of a new method of forming an adhesive bond line, free of voids or air pockets, between metallic structural components and facing materials. The method, based on the utilization of vacuum, pressure and heat, employs a bonding fixture, reservoir dam, vacuum gaugeline, adhesive feeder line, oven and vacuum-pressure vessel to produce a superior epoxy adhesive bond. This bonding method is particularly suited to structural applications involving high vibrational, impact or heat environments. Literature available.

Alloy Cladding Process

Item 2052

Japanese inventor offers a licensing arrangement to a Canadian manufacturer for his process to bond copper and copper alloys to ferrous substrates. This process permits the bonding of copper alloys to a wide range of cast and wrought iron and steel alloys, including stainless steel. It is claimed that this process permits the use of lower cost iron and steel cores, or substrates, since the acid corrosion resistance and other desirable features are provided by the copper and bronze cladding; that the copper alloys can be bonded to steel sheet for bending or deep drawing applications, hot or cold rolling operations, roll threading, and for gears. Other possible applications for metals bonded by this process include autoclaves, storage tanks, brew kettles and domestic cookware. Literature available.

Oval Tubes with Rolled Fins

Item 2053

Romanian state-operated agency offers under license the Canadian production rights and the Canadian and American marketing rights for an oval tube with rolled fins used to circulate the external cooling agent in heat exchangers. This finned tube is rolled on a special machine out of round or oval tubes of various materials. It can be made with a tube of a different material inside the basic finned tube. The fins can be either spiral or in the form of discs perpendicular to the axis of the tube. The advantages claimed are reduced manufacturing cost, easier engineering, a better heat transfer coefficient and higher processing efficiency. The Canadian firm should have technical experience and factory facilities. The licensor will provide technical information, drawings and technicians on loan. Literature available.

Canned Beverage Drinking Aid

Item 2054

Australian inventor offers to a Canadian manufacturer a licensing arrangement to produce and market a self-erecting drinking straw which is incorporated inside rip-top beverage cans. The polypropylene plastic straw is affixed inside the can so that it will emerge through the opening formed by the removal of the can's rip-off panel. Literature available. See illustration.

Physico-Chemical Feed-Water Treatment

Item 2055

Danish firm offers under license the Canadian manufacturing and marketing rights for a boiler compound which provides complete freedom from corrosion and scale while ensuring clean and neutral steam in industrial steam boiler plants and boilers for central heating units. The product, which operates on principles entirely different from those governing the working of purely chemical products, may be used alone or in conjunction with external water softening plants. The Canadian firm should be a manufacturer of materials for boiler plants and have a sales force that is capable of providing technical service for the many types of steam-raising and central heating units for which the product is designed. The licensor will supply a technician on loan. Literature available.

Drawing Instrument

Item 2056

British inventor offers under license the Canadian and foreign manufacturing and marketing rights for a patented drawing instrument which produces precise ellipses, ovals and circles in pencil or ink. This instrument covers a very wide dimensional range, having an extension arm which produces ellipses from 1½ inches to 2 feet or more on the major axis. It is claimed the instrument offers the most accurate and simplest method of producing an ellipse or oval yet devised. Licensee should possess plastic moulding and metal working facilities, or component assembly facilities if manufacture of components is subcontracted, and a sales staff. Licensor offers technical information and engineering drawings. Literature available. See illustration.

Egg Receiving Tray

Item 2057

British inventor offers for sale the Canadian production and marketing rights for a new egg receiving tray designed to eliminate cracked eggs. The injection moulded plastic tray slows down or stops the rate of descent of the eggs, cushions collisions of eggs and lessens tray vibration. The trays clip on to the wire part of the laying cage floor, are easily removed, and allow free air circulation. It is claimed that absolutely no egg breakage was recorded with a prototype tested over a period of three years. The Canadian firm should possess technical experience, capital and sales staff. The inventor will provide "know-how" and the benefit of five years of intensive research. Literature available. See illustration.

Veterinary Medicine

Item 2058

British firm offers to a Canadian manufacturer a licensing arrangement to produce and market a patented cough remedy for horses. This inexpensive treatment may be given to horses in training or at stud, is safe to repeat as long as coughing persists, and may also be used as a cough preventative. There is no adverse reaction to the treatment and it can be simply administered in the horse's feed. The Canadian firm should have a well-equipped laboratory and a good physicist. Literature available.

Concrete Construction Chemicals - Joint Venture

Item 2059

American firm is seeking a joint venture arrangement with a Canadian manufacturer to produce and market in Canada a comprehensive line of concrete construction chemicals suitable for use in the manufacture of concrete blocks and precast or prestressed concrete items. Applications of these chemical compounds include bonding, colouring, curing, damp-proofing, air-entraining, dustproofing, form coating, hardening, patching, plasticizing, resurfacing, rendering, sealing, waterproofing and water reducing. The Canadian company should be knowledgeable in this product area and have small factory facilities or sufficient capital to provide facilities. The American firm offers technical assistance, formulas, future benefits of research and development, and sales and advertising literature. Export rights are subject to negotiation. Outright sale of the formulas with two years free technical assistance would also be considered. Literature available.

Process for the Dehydration of Fruits and Vegetables

Item 2060

Canadian inventor offers a licensing arrangement to a Canadian manufacturer for a process of dehydrating fruits and vegetables by the alternate application of superheated steam (at high velocity and low pressure) and hot air. It is claimed this process is more effective than others in retaining the product's cellular structure and nutritional value. The process allows the product to be further dehydrated and amalgamated with other ingredients to produce fruit flakes and fruit powders. The main advantage of the process is claimed to be its low production cost. The inventor will provide technical information and machinery drawings. Literature available.

Process for the Production of Dry Coffee Extract

Item 2061

Canadian inventor offers a licensing arrangement to a Canadian manufacturer for a process to produce dry coffee extract. The process involves the formation of a liquid coffee extract by an espresso method, concentration of the extract into a paste by a gravity flow process, dehydration of the paste, and grinding of the dried paste into a powder form. It is claimed this process offers a low cost means of dehydration. Technical information and machinery drawings will be provided by the licensor. Literature available.

High Standard Ball Bearings

Item 2062

Romanian state-operated agency offers under license the Canadian production and marketing rights for high standard ball bearings. The production process involves the cold pressing of races with plastic forming of the groove, using automatic equipment. Advantages are claimed to be smaller unit dimensions, greater basic dynamic capacity, higher service rating, increased bearing life (more than double) and lower production costs. The licensor will provide technical information, drawings and technicians on loan. Literature available.

Radio-Active Decontaminant

Item 2063

West German firm offers under license the Canadian production and marketing rights for a chemical which removes radioactive surface contaminations of all types from the human skin. The chemical is produced in powder form and may either be used dry or with water. It has an unlimited shelf-life, is odour-free, long-lasting, unaffected by humidity and heat, and can be carried on the person at all times. Literature available.

Deodorant

Item 2064

West German firm offers to a Canadian manufacturer a licensing arrangement to produce and market in this country a deodorant for use in industrial, commercial and domestic applications which absorbs and oxidizes odours and vapours. The deodorant consists of a metallic oxide catalyst embedded in an open-cellular, surface-active, finely-pored polyurethane foam. It is claimed to be more effective than activated carbon which merely absorbs odours. The West German firm offers technical information, drawings and sales brochures. Literature available.

Protective Cap for Aerosols

Item 2065

West German firm is seeking a licensing arrangement with a Canadian manufacturer to produce and market in Canada a protective cap for aerosol spray cans which prevents accidental back-spray. The actuator on the aerosol dispenser can only be reached by opening a round finger valve at the back of the protective cap. The spray nozzle is always placed in front of the small outlet opening in the cap, which is not taken off while spraying. The licensor offers technical information and drawings. Literature available.

Process for Moulding Urethane Foam

Item 2066

West German firm offers under license the Canadian production and marketing rights for a process for the manufacture of compression-moulded urethane foam parts. The foams are based on castor oil and toluene diisocyanates. The parts have good surface hardness and a low density. The process involves unrestrained foaming of the liquid foam mixture in a mould and subsequent compression of the foam mixture by application of external pressure at a specific stage before the reaction is completed. It is claimed the process allows a wide range of densities of the moulded part. Literature available.

Metal Picket Fence

Item 2067

Canadian inventor offers for license or outright sale the Canadian production rights and the Canadian, American and British marketing rights for a metal picket fence. This stamped metal fencing, with designs registered in Canada, the U.S.A. and the U.K., consists of tubular metal posts and stamped metal rails and pickets. No tools are needed for erection as the rails simply clip onto the posts while the pickets are pushed through slots in the rails until the clips on the pickets are firmly engaged by the rail. Once in place, the pickets cannot be removed by hand. The chief advantage of this metal fencing is claimed to be its low manufacturing cost which is due to its novel design which permits the use of light gauge metal. The licensee should be able to undertake manufacture and distribution on a large scale. Literature available.

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

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

Reverse Osmosis – Improved Membrane Treatment

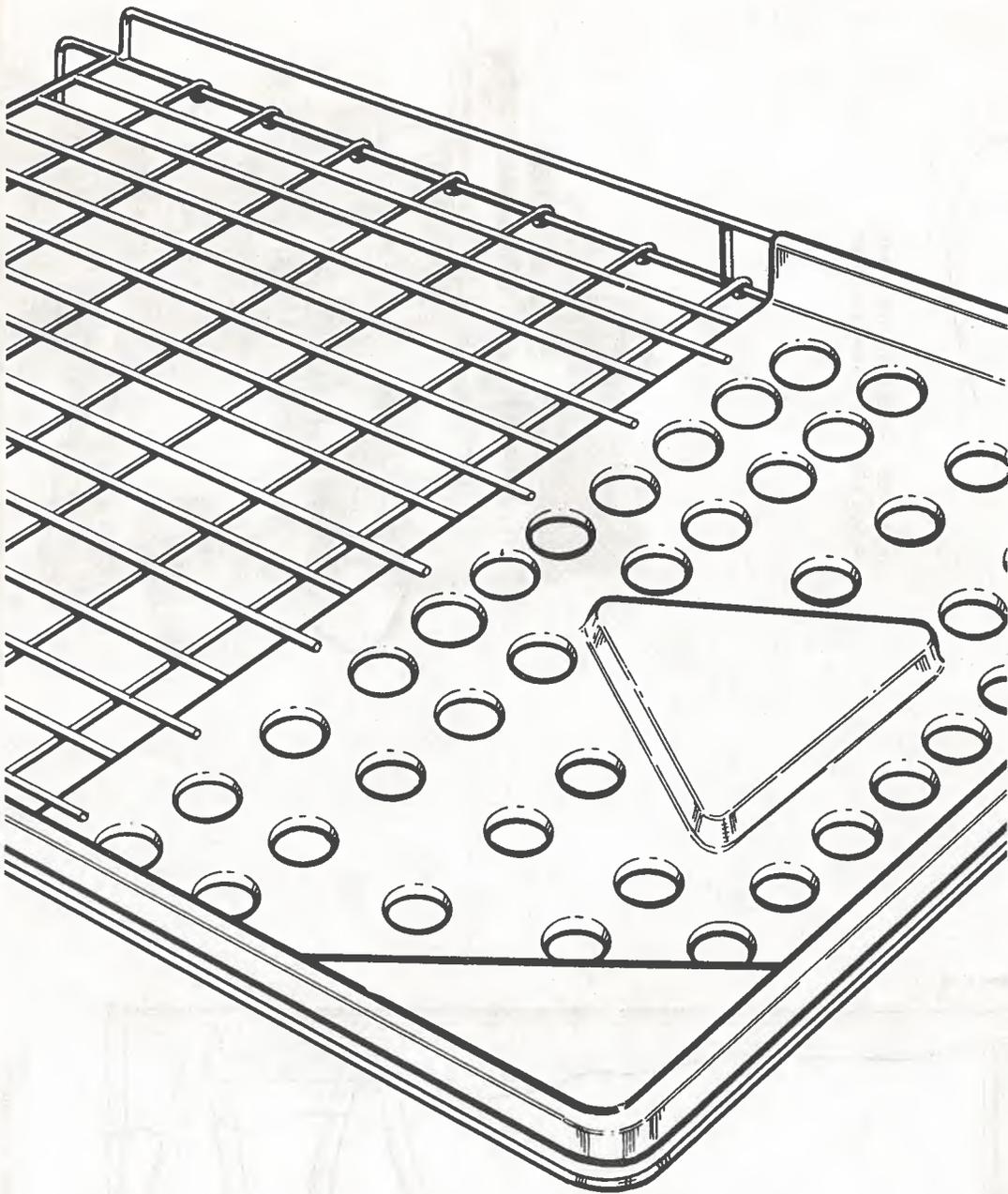
Case 4207

A new method of treating the membranes which permits higher rates of throughput without sacrificing the degree of separation. The technique can be applied to membranes prior to their installation and also to those which have already been in use.

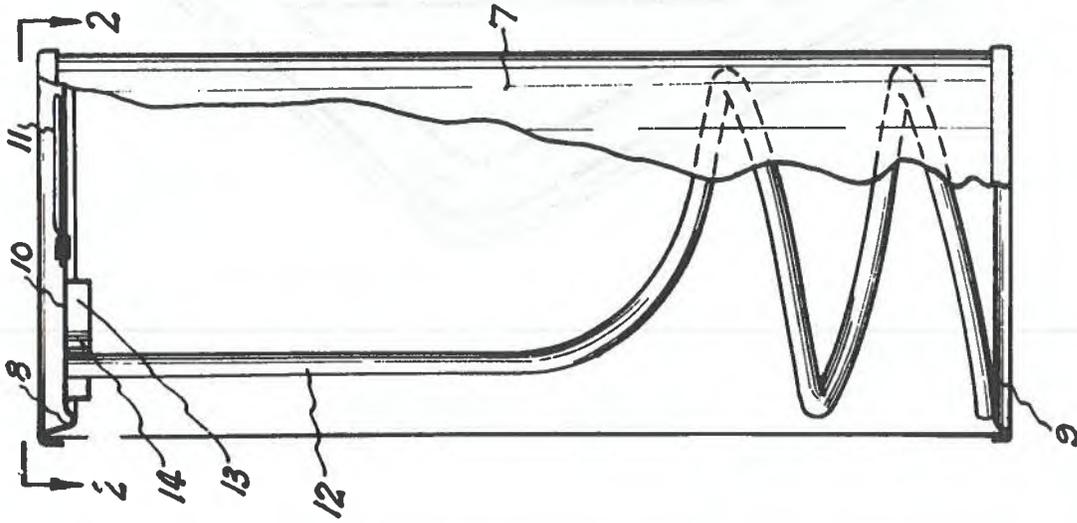
Cone Rolling Attachment

Case 4241

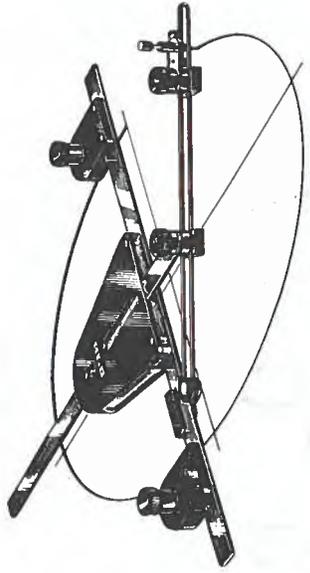
This attachment converts the standard slip roll forming machine (for rolling sheet metal cylinders) into a machine for making cones from precut blanks. With the machine, relatively unskilled operators can produce uniformly shaped cones.



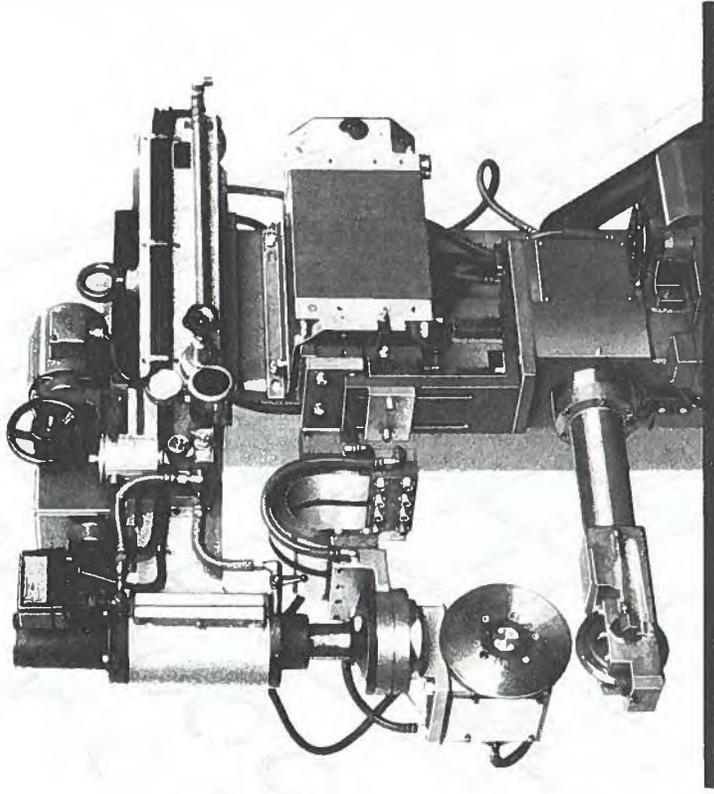
Item 2057 - Egg Receiving Tray
Article 2057 - Plateau à oeufs



Item 2054 - Canned Beverage Drinking Aid
 Article 2054 - Pour mieux boire les boissons en conserve



Item 2056 - Drawing Instrument
 Article 2056 - Instrument de dessin



Item 2050 - Welding Equipment
 Article 2050 - Matériel de soudage