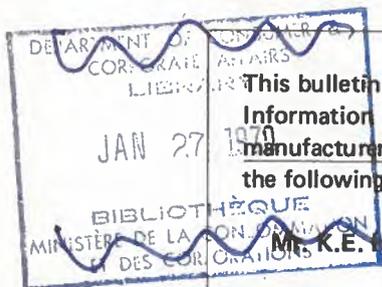


new products bulletin

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:

M. K.E. Wacker, 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 170

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Waste Treatment System

Item 2150

American manufacturer offers a manufacturing arrangement under license in Canada to produce and market on a non-exclusive basis its waste treatment system, based on the extended surface aeration principle. Each system is designed to meet the needs of the particular application. It is claimed that the major advantages of this system are its capability to handle peak and shock loads; low initial investment; simplicity of maintenance; and low cost of operation. This system is designed to treat sanitary, industrial and process wastes. The licensor will provide technical assistance, know-how; an interested licensee should possess qualified mechanical engineers with a working knowledge of the waste disposal field. Literature available. See illustration.

Method for the Production of Slagsitall and Articles Thereof

Item 2151

Russian state licensing agency offers for license the Canadian production and marketing rights for a method of manufacturing slagsitall, a crystalline glass substance produced from blast-furnace slag. Advantages claimed over silicate glass include resistance to high temperatures, higher impact strength and attrition wear-resistance, and acid resisting properties. Using conventional glass-manufacturing techniques, flat and corrugated sheets, pipes and tubes, insulators, foam slagsitall and other articles of various colours and tinges can be produced from slagsitall. Employing new process techniques, slagsitall may be used for the manufacture of panels, sanitary-engineering equipment such as sinks, washstands, bath tubs, lavatory water tanks and other shaped articles. The licensor will provide technical information, know-how, specialist assistance, and working drawings of equipment. Literature available.

Pruning Shears

Item 2152

Swiss firm offers a licensing arrangement to a Canadian manufacturer to produce and market pruning shears with extension elements to facilitate the cutting of branches up to 19½' above the ground without using a ladder. These shears, which are suitable for fruit-tree and forestry operations, are very simple in construction and extremely light in weight. The cutting angle of the shears is instantly set when the blade is pressed against the branch. All joints except one are self lubricating. The licensee should possess production equipment and sales staff. The licensor will provide drawings, components and technical data. Literature available. See illustration.

Concrete and Mortar Condensing and Homogenizing Liquid Agent**Item 2153**

Leichtenstein company offers under license the Canadian production rights, and the marketing rights for North America and other countries, for its range of concrete and mortar condensing and homogenizing agents. These chemical additives have been designed to improve concrete aggregate dispersion, plasticity, thixotrophy, surface strength and appearances, heat and frost resistance, and to inhibit decomposition. It is claimed that these additives facilitate pumping of concrete, result in more uniform strength in high vertical forming applications, and assist curing in overwetted mixes. These additives are recommended for all applications where water tightness or water-proofing are required, e.g., reservoirs, swimming pools, sewage treatment facilities, channels and tunnels, as well as in residential and industrial uses where high strength and appearance are important. The licensor would provide know-how and technical information. An interested licensee should have a knowledge of concrete and mortar problems. Literature available.

Quick-Drying Red Lead Primer**Item 2154**

British firm offers for license the Canadian production and marketing rights for a quick-drying red lead corrosion inhibiting primer. Advantage claimed for this primer are: it does not bleed or lift when overpainted; can be overpainted within 6-8 hours; can be applied to damp surfaces; is a "one-pack" primer and thus eliminates waste; can be used throughout the year; can be overcoated with most paints including high build chlorinated rubber and bituminous coatings; and can be applied to wire brushed surfaces. The licensee should be a well established paint manufacturer. Literature available.

Engine Oil Drain Plug**Item 2155**

Canadian inventor offers a licensing arrangement to a Canadian manufacturer to produce and market a patented engine oil drain plug by which oil can be drained from the oil pan, differential, gearbox or automatic transmission of internal combustion engines without removing the plug. It may also be used with tanks that require draining or testing for impurities. The invention consists of a hollow drain plug with a valve which opens when a drainage tube is inserted in the plug. The flow of oil may be controlled by rotating the drainage tube. Clean and easy draining is possible since the plug does not have to be removed to drain the engine and the drainage tube is designed so that the oil may be conducted away through a pipe to a collecting point. The invention can also be used in flushing oil pans. Literature available. See illustration.

Salt and Sand Spreader Trailers, Wet Snow Scrapers and Electronic Snow-Warning Apparatus.**Item 2156**

Swiss firm offers a licensing arrangement to a Canadian manufacturer to produce and market: (1) salt and sand spreader trailers of modern functional design and capable of being towed behind a variety of vehicles for highway and street use; (2) wet snow scrapers which can be attached to regular snow blades, for highway and street snow clearing; (3) an electronic snow-warning apparatus particularly useful for those responsible for snow clearance of highways, airports, public areas, etc. The snow-warning apparatus does not require any electrical installation and the setting for the warning signal is adjustable from heights of 0.39 to 3.93 inches of snowfall. The licensee should be a well-established firm with contacts and should have sales and maintenance personnel, technical experience and capital. The licensor will provide technical data, drawings and advertising material. Literature available. See illustration.

Disposable Toothbrush**Item 2157**

American inventor offers for sale or license the Canadian production and marketing rights for a single use disposable toothbrush with its own supply of toothpaste which is discharged onto the bristles when the handle is rotated. The head of the toothbrush has a hollow chamber containing the toothpaste. When the toothbrush handle is rotated its thread end screws further into the chamber forcing the toothpaste out through holes onto the bristles. This product has not been previously manufactured and may require further development by the licensee. Literature available. See illustration.

Pick for String Instruments**Item 2158**

American inventor offers for sale or license the Canadian production and marketing rights for a string instrument pick with two striking points rather than the usual one. Each of the points strikes the string at slightly different times, thus doubling the effect of a single pointed pick and resulting in amplification of tone and a double string sound from a single string. This product has not been previously manufactured and may require further development by the licensee. Literature available.

Concealed Purse**Item 2159**

American inventor offers for sale or license the Canadian production and marketing rights for a purse with a detachable strap which is worn over the shoulder so that the purse is at the waist concealed under a coat or jacket and inaccessible to purse snatchers. The purse can be detached from the strap and carried in the hand in the conventional manner. This product has not been previously manufactured and may require further development. Literature available.

Game**Item 2160**

American inventor offers for sale or license the Canadian production and marketing rights for a game resembling bowling using two types of playing pieces, one type designed to be thrown, rolled or spun and the other type designed to be struck like a bowling pin. The game, which is devised for two to six players, is played by arranging all of one type of playing piece that are shaped like an elongated football, in a pattern. The other spheroidal shaped playing piece is thrown, rolled, or spun towards the elongated pieces with the objective of dislodging or moving as many as possible. This game has not been previously manufactured and may require further development. Literature available.

Central Cooling and Heating System**Item 2161**

Hong Kong inventor is seeking a licensing arrangement with a Canadian manufacturer to produce and market his central cooling and heating system which employs hot or ice cold water. The system has not yet been commercially produced. The ice cold or hot water is supplied by insulated pipe from a common source to individual air coolers and refrigerators or heaters in a combination of rooms, an entire building or a large number of buildings or homes. Chief advantages are claimed to be lower construction, installation, operation and maintenance costs than with comparable systems. The Canadian licensee should have factory facilities and associated lines of products. Literature available.

NEW CANADIAN PATENTS AVAILABLE FOR LICENSING OR SALE

Canadian patent applications are filed in French or English and the subsequent patents or abstracts appear in the language of filing. Please request abstracts of the following patents by number from the Industrial and Trade Enquiries Division, Department of Industry, Trade and Commerce, Ottawa 4.

Invention	Patent issued	Patent No.
Bulk Storage Tanks for Liquids	Oct. 28/69	826,012
Thermoluminescent Tissue Equivalent Dosimeter	Oct. 28/69	826,209
Lithium Fluoride Dosimeter	Oct. 28/69	826,210
Automatic Welding Machine for Mass Produced Articles	Oct. 28/69	826,273
Analog-to-Digital Cyclic Forward Feed Conversion Equipment	Oct. 28/69	826,314

Counting Machine and Method	Oct. 28/69	826,318
Machine for Smoothing Mine Floors or the Like	Nov. 4/69	826,374
Air Conditioner for Cooling and Heating of Automobiles	Nov. 4/69	826,385
Noxious Gases Eliminator	Nov. 4/69	826,484
Manufacture of Chlorine Dioxide, Chlorine and Anhydrous Sodium Sulphate	Nov. 4/69	826,577
Production of Iron Powder	Nov. 4/69	826,603
Process and Apparatus for Preparing Oxide Gel Microspheres from Sols	Nov. 4/69	826,616
Process for Production of a-Phenoxyalkyl Penicillin	Nov. 4/69	826,652
Indole Derivatives	Nov. 4/69	826,653
Method for Manufacturing High Purity Methane	Nov. 4/69	826,704
Nuclear Radiation Resistant Electrical Insulation and Method of Making it	Nov. 4/69	826,748
Heater Apparatus	Nov. 4/69	826,758
Connection System for Magnet Excitation Coils	Nov. 4/69	826,766
Electronic Olfactory Detector	Nov. 4/69	826,844
Method of Making a Salt-Rejecting Membrane	Nov. 11/69	827,033
Niobium-Uranium Alloy with Predetermined Total Void Volume and Void Size	Nov. 11/69	827,062
1,1-Diethyl-2-Methyl-3-Diphenylmethylenepyrrrolidinium Halide Compositions and Therapy	Nov. 11/69	827,115
Procédé et dispositif pour le recouvrement de surfaces	Nov. 11/69	827,130
Method of Preparing Aromatic Dithiols	Nov. 11/69	827,189
Method for Producing Heat-Resistant Linear, Thermoplastic, Aromatic Polythioethers	Nov. 11/69	827,229
Veneer Defect Filling Method and Apparatus	Nov. 18/69	827,452
Treatment of Glass Containers	Nov. 18/69	827,589
Carbide Deposition on Tantalum	Nov. 18/69	827,615
Reinforced Composite	Nov. 18/69	827,655
Underwater Adhesive	Nov. 18/69	827,734

Procédé de soudage à l'arc électrique de toles métalliques dont l'une au moins est couchée	Nov. 18/69	827,790
Rectangular Mounting Frame	Nov. 25/69	827,901
Hot-Isostatic-Pressing Apparatus and Method	Nov. 25/69	827,917
Photography	Nov. 25/69	828,094
Photolithography	Nov. 25/69	828,097
Processes for Covering of Particle Boards and Boards Coated by this Process	Nov. 25/69	828,136
Electrical Battery	Nov. 25/69	828,306
Data Processor Profitability Monitoring Apparatus	Nov. 25/69	828,367
Nuclear Fuel Rod Assembly	Nov. 25/69	828,400
Toilet Ventilating System	Dec. 2/69	828,403
Bath Tub for Invalids	Dec. 2/69	828,404
Self-Powered Air Sampling Device	Dec. 2/69	828,447
Spinning Projectile	Dec. 2/69	828,480
Spinning Projectile for Shotgun Shell	Dec. 2/69	828,481
Snowmobile Ski Assembly	Dec. 2/69	828,641
Head and Body Supporting Apparatus	Dec. 2/69	828,645
Glass Production	Dec. 2/69	828,682
Digital Comparator	Dec. 2/69	828,908
Method for the Control and Detection of Odorants in Gases	Dec. 2/69	828,919
Tenter Clip Chain	Dec. 9/69	828,959
Radius Spin Drill	Dec. 9/69	829,011
Beehive Enclosure and Method of Enclosing a Beehive	Dec. 9/69	829,047
Flavoring	Dec. 9/69	829,064
Ticket Handling Apparatus	Dec. 9/69	829,136
Snow Sled	Dec. 9/69	829,174
Method for Preparing Actinide Oxide Fuel Particles and Article Thereof	Dec. 9/69	829,219

2-Aryl Indoles and Methods for Their Use	Dec. 9/69	829,221
Method for use in Agriculture	Dec. 9/69	829,232
Procédé de préparation de diol-monothioether	Dec. 9/69	829,349
Procédé de préparation de diols-polythioethers	Dec. 9/69	829,350
Deflectable Light Maser	Dec. 9/69	829,432
Convertisseur à éléments semi-conducteurs commandes fournissant des impulsions à partir d'une source de tension continue	Dec. 9/69	829,457
Circuit Arrangements for Providing Varying Currents	Dec. 9/69	829,466
Corona Cap	Dec. 9/69	829,490
Apparatus for High Speed Connection of the Beginning of a New Roll of Strip Material to the End of an Old Roll	Dec. 16/69	829,735
Refractory-Lined Vessel, in Particular Pig Iron Mixer	Dec. 16/69	829,810
Radiological Shield Against Neutrons and Gamma-Radiation and a Method for Producing it	Dec. 16/69	830,037
Radar Response Simulator	Dec. 16/69	830,137

ADDRESS ENQUIRIES CONCERNING THE FOLLOWING CASES TO:

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

Air Fuel Jet Burner

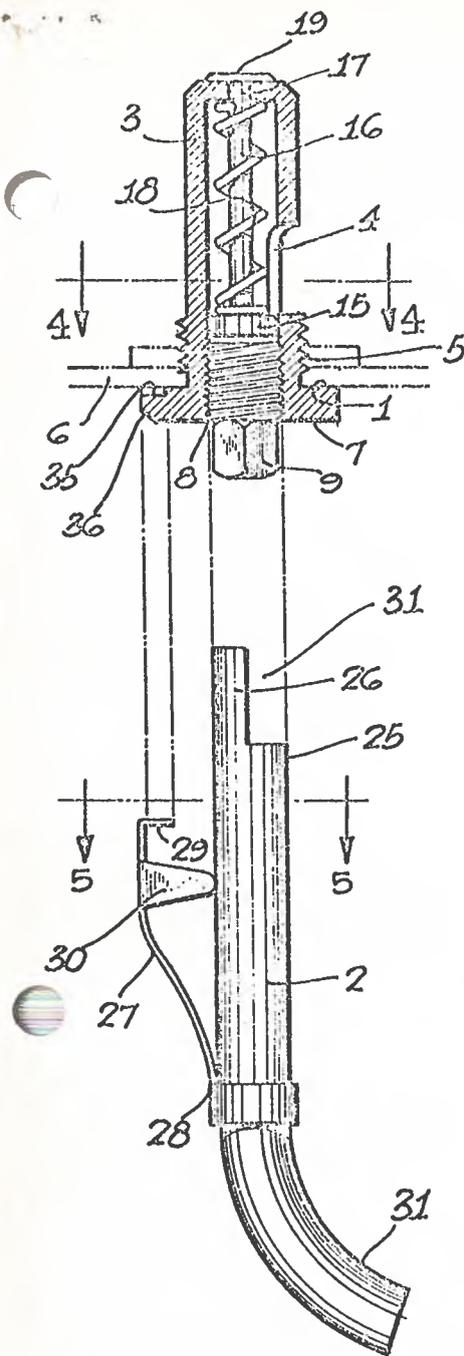
Case No. 3740

A jet burner producing high-temperature sonic velocity jet flames with compressed air and gaseous or liquid fuels. Applications include snow and ice removal as well as rapid heating and stirring of liquids, solids or conglomerates or their modification or destruction.

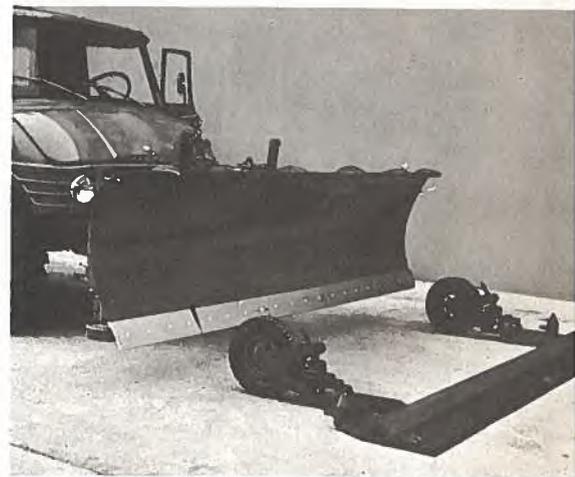
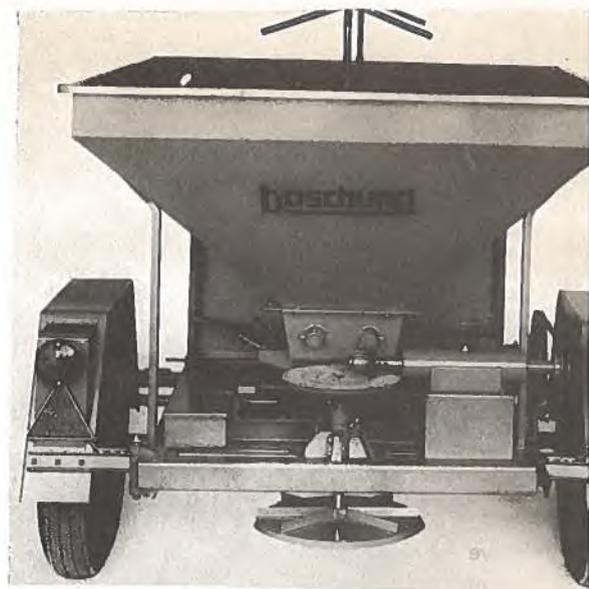
Cryptosporiopsin: An Antibiotic

Case No. 4330

The isolation of a novel antibiotic is described. Named Cryptosporiopsin, its chemical structure is defined, and a culture method for its production given. Preliminary study suggests its use to control many disease organisms of the forest and farm.

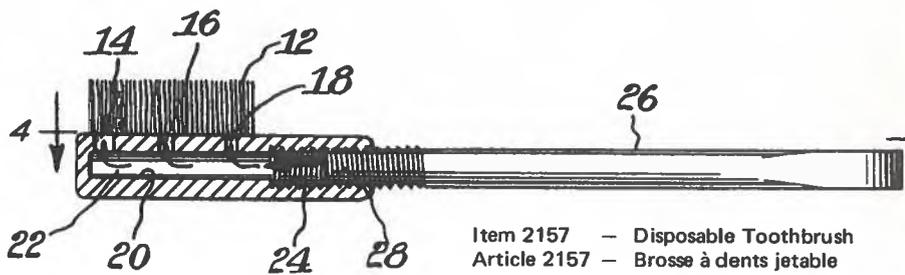


Item 2152 - Pruning Shears
Article 2152 - Sécateur

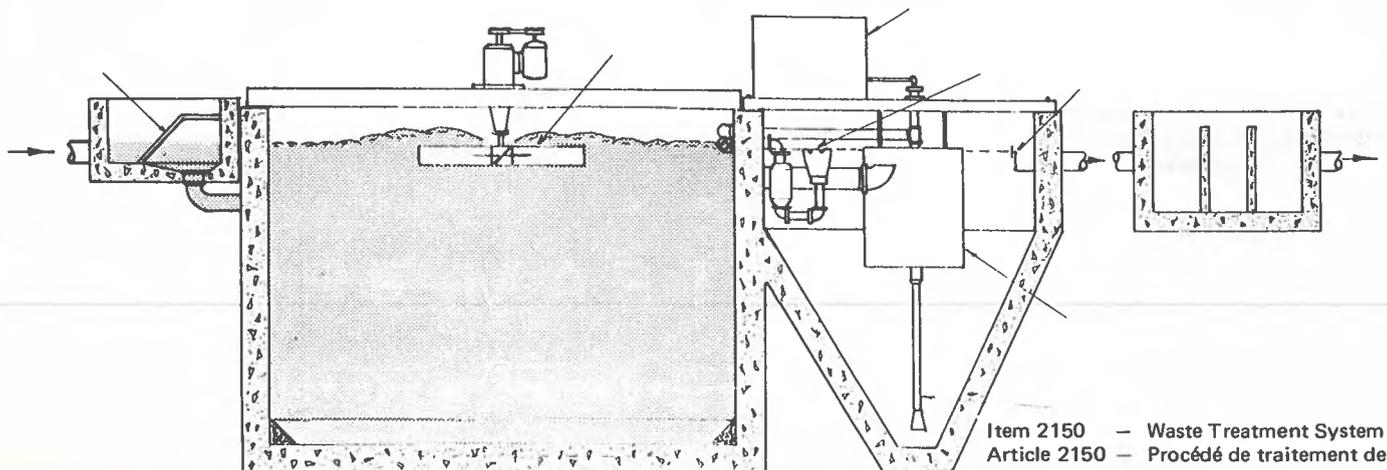


Item 2156 - Salt and Sand Spreader Trailers, Wet Snow Scrapers and Electronic Snow-Warning Apparatus
Article 2156 - Remorques épanduses de sel et de sable, grappes de neige fondante et appareil électronique annonçant les chutes de neige

Item 2155 - Engine Oil Drain Plug
Article 2155 - Bouchon de vidange d'huile à moteur



Item 2157 - Disposable Toothbrush
Article 2157 - Brosse à dents jetable



Item 2150 - Waste Treatment System
Article 2150 - Procédé de traitement des eaux-vannes

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