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Note.—Throughout this Gazette the names in Italics within parentheses are those of Communicators of Inventions.

Complete Specifications.

Patent Office, Perth,
28th March, 1902.

NOTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the first appearance of this advertisement in the Western Australian Government Gazette. A fee of Ten Shillings (10s.) is payable with such notice.

Application No. 3571.—SAMUEL COHEN HARWOOD, of Midland Junction, in the State of Western Australia, in the Commonwealth of Australia, Engineer, and DAVID WILLIAM HARWOOD, of Milligan Street, City of Perth, in the said State, Malster, "*An Improved Spark Arrester.*"—Dated 30th September, 1901.

Claims:—

1. In locomotive or other engines the hollow deflector D, having a feather edge and long-faced cone in combination with the rings, substantially as shown in the drawings and for the purpose described herein.

2. In locomotive or other engines the perforated plates E, F, G, and J in combination with the deflector D and the deflector ring H, substantially as shown and described for the purpose of arresting and destroying any sparks escaping with the steam.

3. In locomotive or other engines the perforated cylinder I in combination with the other parts mentioned in our preceding claims for use in engines whose smoke-boxes may not be in good order.

4. In locomotive or other engines the combination and arrangement of the various parts and appliances as herein described for effectually arresting and destroying sparks without diminishing the effective power of the engine or interfering with its steaming abilities.

Specifications, 4s. Drawings on application.

Application No. 3756.—RICHARD SPARROW, of Perth, Western Australia, Patents Agent, and ROBERT SIEGFRIED, "*Improved Collector Rings for Electrical Machines.*"—Dated 27th February, 1902.

Claims:—

1. For an electrical machine, a plurality of collector rings arranged side by side and having supporting arms that project into approximately the same plane by means of which arms they are secured to a supporting ring.

2. For an electrical machine, collector rings constructed and supported substantially as described with reference to the drawings.

Specification, 2s. 6d. Drawings on application.

Application No. 3758.—GEORGE DOW ROSS, of 12 Regent Park Terrace, Strathbungo, Glasgow, Scotland, Engineer, "*An Improved arrangement for Shifting the Points of Tramway or Railway Lines.*"—Dated 4th March, 1902.

Claims:—

1. An apparatus for shifting the points of tramway and railway lines characterised by a working plate which is provided with cross grooves upon its upper surface said plate being connected to the point to be shifted and being moved from side to side by means of a shifting shoe which is depressed by the driver of the car and caused to enter one or other of the cross grooves, substantially as hereinbefore described.

2. The combination of a working plate having cross grooves on its upper surface, of a rocking arm working within a box and means for connecting this arm to the point to be shifted, substantially as hereinbefore described.

3. The combination of a box made broad and flat at its upper end and narrow and tapered at its lower side with a drain hole at the bottom, a working plate with cross grooves on its upper surface fitted in the box, a rocking arm for supporting the working plate, guide ways leading to and from the box, means for connecting the arm to the point to be shifted, and a device on the car adapted to work in the cross grooves of the working plate so as to shift it and the point, substantially as hereinbefore described with reference to the drawings annexed.

4. The construction of the whole arrangement substantially as hereinbefore described and shown at Figures 1, 2, 3 and 4 of the drawings annexed.

5. The modified arrangement described with reference to Figure 5 of the drawings annexed.

6. The modified arrangement substantially as hereinbefore described with reference to Figures 6 and 7 of the drawings annexed.

Specification, 6s. Drawings on application.

Application No. 3759.—EDWARD SMETHURST, of Christchurch, in the Colony of New Zealand, Commission Agent, "*Improved mode of and apparatus for Defrosting Frozen Food, and which may also be used in the preservation of perishable comestibles.*"—Dated 4th March, 1902.

Claims:—

1. The herein described process to be used in defrosting frozen food and more particularly frozen mutton and lamb which consists in placing the food upon a revolvable apparatus whereby it shall be subjected to continuous draught of fresh air due to the rotary motion of the machine, substantially as described and for the purposes set forth.

2. In the defrosting of frozen food and more particularly frozen mutton and lamb the employment of a revolvable apparatus whereon carcasses of frozen meat are hung so that when the machine is revolved the meat shall be subjected to a continuous draught of fresh air which absorbs the moisture upon the carcasses as the frost thaws substantially as and for the purposes set forth.

3. In the defrosting of frozen food and more particularly frozen mutton and lamb, a revolvable apparatus of either circular or elliptical shape, placing the frozen food thereon and revolving it so that a draught of air may be caused to circulate around its contents as explained and for the purposes set forth.

4. In the preservation of perishable comestibles placing the food upon a revolvable apparatus so that a draught of fresh air shall be caused to circulate freely among the goods thereby keeping them cooler and fresher, substantially as set forth and explained.

5. The herein described process and apparatus for defrosting frozen food and for preserving perishable comestibles, substantially as herein explained and described.

Specification, 4s. Drawings on application.

Application No. 3764.—ABINGER WHITTOME, of Burnt House, and CECIL WHITTOME, of Arnsdorf, both in Whittlesea, in the County of Cambridge, England, Merchant Farmers, "*Improvements in Preparing and Compressing Forage and the like, and in apparatus therefor.*"—Dated 6th March, 1902.

Claims:—

1. In preparing and compressing forage and the like, first driving off the moisture by means of an evaporating cylinder through which the forage slowly passes, then submitting it to the heat of a supplementary steam plate and then compressing the dried material substantially as described.

2. In preparing and compressing forage and the like, an evaporating cylinder having an inner and outer steam jacket, a steam-heated plate receiving and drying the material, and delivering it to the press substantially as described.

3. In compressing forage and the like, a press having a removable plate for temporarily supporting the forage before compression and means for supporting the plate so that it can be readily withdrawn to allow the forage to rest upon the ram head, substantially as described.

4. For compressing forage and the like, a press comprising a casing having a removable plate for temporarily supporting the forage before compression, and a ram head having recesses for the baling ties, and wedges for temporarily closing said recesses during compression, substantially as described.



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Application for the Grant of Letters Patent