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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,
10th October, 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 date of this Gazette. A fee of Ten shillings (10s.) is payable with such notice.

Application No. 4056.—WILLIAM JAMES EVANS, of Heald Street, New Farm, Brisbane, in the State of Queensland, Commonwealth of Australia, Master Mariner, and JOHN DUNMORE CAMPBELL, of Creek Street, Brisbane, in the said State, in the said Commonwealth, Merchant, "*Improvements in or relating to Dredge Buckets.*"—Dated 24th September, 1902.

Claims:—

1. In improvements in or relating to Dredge Buckets, a renewable relief slip or false lining edge such as G attached to the inside of the bucket as and for the purpose set forth and as herein described and illustrated by drawings.
2. In improvements in or relating to Dredge Buckets, a renewable relief slip or false lining edge such as G attached to the inside of the bucket and also attached to the cutting edge as and for the purpose set forth and as herein described and illustrated by Fig. 5 in drawings.
3. In improvements in or relating to Dredge Buckets, a relief slip or false lining edge formed integral with the cutting edge and attached to the inside of the mouth of the bucket as and for the purpose set forth and as herein described and illustrated in Figs. 6 and 7 of the drawings.
4. In improvements in or relating to Dredge Buckets, a cutting edge such as F in Fig. 8 or of other configuration attached to the inside of the bucket mouth and continued therein as a relief slip or false lining edge as and for the purpose set forth and as herein described and illustrated by drawings.
5. In improvements in or relating to Dredge Buckets, the inside of the mouth of the bucket provided with a cavity formed by the relief slip or false lining edge being set at an angle to the bottom of the bucket thus forming an air or water cushion as and for the purpose set forth and as herein described and illustrated by drawings.

Specification, 1s. 6d. Drawings on application.

Application No. 4072.—JOHN WINEPRESS, Inventor, of Bay Street, North Brighton, in the State of Victoria, Australia, "*Appliance to be used in opening Oysters.*"—Dated 3rd October, 1902.

Claims:—

1. An appliance to be used in opening oysters comprising two jaws hinged together, the lower jaw being shaped to receive the oyster, and the top jaw being arranged to come down and form a hold upon the oyster substantially as and for the purposes described.
2. An appliance to be used in opening oysters, comprising two jaws hinged together, the lower jaw being recessed out in the form of an open box to receive the oyster, and the top jaw having recessed and serrated

gripping surface, and a spring arranged to act upon the top jaw to hold it open substantially as and for the purposes described.

3. The combination and arrangement of the several parts for the purposes described and substantially as illustrated on the accompanying drawings.

Specification 1s. 6d. Drawings on application.

R. G. FERGUSON,
Registrar of Patents.

Patent Office, Perth,
6th October, 1902.

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

Any person or persons intending to oppose such application must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the date of this Gazette. A fee of Ten shillings (10s.) is payable with such notice.

Application No. 3450.—HENRY RENNER CASSELL, of 9 and 11 Worship Street, London, England, Chemist, "*A Process and Apparatus for the Extraction of Precious Metals from Ores, and Compounds containing them.*"—Dated 3rd July, 1901.

Claims:—

1. A process for oxidising tellurides and other refractory ores and so rendering the precious metals contained therein easily soluble, which process consists in converting the ore into a pulp containing one or more salts capable of yielding by electrolysis oxidising and dissolving agents, then agitating and electrolysing the pulp to oxidise the refractory compounds, and to dissolve and precipitate the gold in the form of a black precipitate, and finally adding a solvent to re-dissolve such precipitate, substantially as described.
2. In the process claimed in the preceding claiming clause, the combined action of agitation and reversing the electric current from time to time, for the purpose of retaining the gold in the pulp and keeping the electrodes clean, as described.
3. The combination of a vessel having a lining composed of carbon plates, grooves in said plates, electric conductors in said grooves, and cement for protecting the conductors, substantially as and for the purpose described.
4. The combination with the parts claimed in the third claiming clause of a backing of cement between the vessel and lining, substantially as described.
5. The rotary insulated shaft furnished with radial metal arms in combination with carbon plates attached to said metal arms, and cement for covering and protecting the metal from electrolytic action, substantially as described and shown.
6. The complete apparatus constructed substantially as described with reference to Figures 1, 2, and 3, or to Figures 4 and 5, for the purpose specified.

Specifications, 8s. 6d. Drawings on application.

R. G. FERGUSON,
Registrar of Patents.



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