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Note. - Throughout this Gazetic the names in Italics within parentheses are those of Communicators of Inventions.

Complete Specifications.

Patent Office, Perth, 24th 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

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. 3923.—Flameless Gas Light Company, Limited, of 32 Great St. Helens, London, England (assignee of William Hooker), "Improvements in Methods and Apparatus for Incandescence Gas or Vapour Lighting." -Dated 2nd July, 1902.

- 1. The manufacture and use for the purpose of burning weakly carburetted air of a burner having a head filled as hereinbefore described with small metal tubes or their equivalent of the dimensions approximately hereinbefore specified, substantially as hereinbefore described.
- 2. A burner for incandescence gas or vapour lighting comprising a hollow head and a hollow stem attached to the lower end thereof, the said head, and if necessary the stem, contaming tubes or the equivalent of approximately the diameter specified, substantially as hereinbefore described.
- 3. In a burner of the kind hereinbefore described the employment, in lieu of tubes, of corrugated metal arranged between metal cylinders, substantially as described and illustrated.
- $4.\,$ In candescence gas or vapour burners constructed substantially as here inbefore described and illustrated in the accompanying drawing.

Specification, 3s. Drawings on application.

Application No. 3943.—Flameless Gas Light Company LIMITED, of 32 Great St. Helens, London, England (William Hooker), "Improvements in and relating to Incandescent Gas and Vapour Burners."—Dated 11th July, 1902.

Claims:

1. A platinum thimble for an incaudescent gas burner, the said platinum thimble being provided with perforations, substantially of the size and number hereinbefore described.

2. The combination of a thimble of the kind referred to in the preceding claiming clause, and a burner constructed in the manner hereinbefore described with reference to figures 2 and 3 of the accompanying drawings.

Specification, 3s.

Application No. 4065.—Robert McKnight, of 2837 Bondinot Street, in the City of Philadelphia, County of Philadelphia and State of Pennsylvania, in the United States of America. Chemist and Metallurgist, "Improvements in art of treating Refractory Ores of Precious Metals."—Dated 30th September, 1902.

The art of recovering metal values from ores containing the precious metals and carbonates of other metals, which consists in heating the pulverized ore mixed with a material containing sulphur or arsenic, until the carbonic acid radical is replaced by sulphur and oxygen and the carbonic acid radical driven off from the ore, and then roasting the ore with free access of air and axiation mixed with a haloid salt of an alkaline or alkaline earth metal until there is produced a haloid sait of the precious metal, and an oxysalt of the alkaline or alkaline earth metal and the sulphur or arsenic substantially as described.

Specification 2s

Specification, 2s.

Application No. 4066.—Stedd Electric and Manu-FACTURING COMPANY, of 136 Liberty Street, New York City, New York, United States of America (Thomas Romer Weyant), "Improvements in Ventilators."—Dated 30th September, 1902.

Claims, numbering 26, can be inspected at the Patent Office. Specification, 18s. Drawings on application.

Application No. 4077 .- George Westinghouse, of Westppincation No. 4017.—George Westinghouse, of Westinghouse Building, Pittsburg, Pennsylvania, United States of America, Manufacturer (William John Know), "Improvements relating to the linings of vessels for metallurgical work."—Dated 7th October, 1902.

- A process for lining vessels, which consists in packing against the wall thereof a plastic mass consisting of soluble glass and a basic refractory oxide of such a nature or so treated that it will not become hydrated by water, and afterwards impregnating the same with calcie chloride.
- 2. The modification of the process, in which exysulphate of ifon is mixed with the basic refractory oxide before mixing the same with the
- anxed with the basic refractory oxace before mixing the same with the soluble glass.

 3. A material for l'ning vessels, consisting of a mixture of basic refractory oxide, of such a nature or so treated that it will not become hydrated by water, and calcic silicate either with or without oxysulphide of iron.
- 4. The process of lining vessels for metallurgical purposes with a basic lining containing only a small percentage of silica substantially as described.
- A vessel for metallurgical purposes having a lining containing only a small percentage of silica and constructed substantially as described.

Specification, 6s. Drawings on application.

Application No. 4081.—Louis Bochet, of 38 Rue des Ecluses, Saint Martin, Paris, France, Civil Engineer, "Improvements in the construction of the Metal Radiators of Temperature Exchangers."—Dated 9th October, 1902.

- 1. In radiators the distributing thimbles or short tubes D provided with one or several holes as d as and for the purpose described and substantially as shown in the drawings.

 2. In combination in radiators as herein specified spacing rings as G, designed to hold the walls thereof at the requisite distance apart and to form a passage way through the space between walls, substantially as described and shown.
- 3. In radiators, the passage way there-through constructed of wall plates A and B having their bulged or stamped portions provided with an annular rib al and an internal annular groove 51 respectively, combined with the holed ring E, and with or without the distributing thimble or short tube D all assembled and secured as herein described and substantially as shown in Figs. 1 to 4.
- thimble or short tube D all assembled and secured as herein described and substantially as shown in Figs. I to 4.

 4. In radiators the passage way there-through constructed of the wall plates A and B having an inwardly projecting rib al and an internal annular groove bl respectively, combined with the rings E and with or without the distributing thimbles or short tubes D and with the spacing or distance ring G all assembled and secured as herein described and substantially as shown in Fig. 5.

 5. In radiators the passage way there-through constructed, and the wall plates A and B thereof held apart, by the plain holed rings E fitting upon the internal ribs al and said rings E being held in position by the curled in edges at of plates A and either with or without the thimbles D combined with the spacing or distance rings G which fit in the annular grooves in the wall plates all assembled and secured as herein described and substantially as shown in Fig. 6.

 6. In radiators the passage way there-through constructed with the plain holed rings E fitting in annular grooves bl formed in the bulged out portion of wall plates A and B and either with or without the thimbles D and the grooved edge spacing ring G all assembled and secured as herein described and substantially as shown in Fig. 7.

 7. The radiators having its walls A and B constructed by the bulged out portions a and b being secured to the plain portion by a circular joint as at a⁵ and b⁵ Fig. 8, the passage way through the walls being built up by combining with them the ring E and either with or without the thimble 10 all secured and assembled, substantially as herein described and shown.

 8. The radiators constructed of plain or flat wall plates A and B baying annular rib al and groove bl formed respectively in them. com-

- 8. The radiators constructed of plain or flat wall plates A and B having annular rib a^1 and groove b^1 formed respectively in them, combined with the ring E and either with or without the thimble or short tube D, and with the spacing ring C all secured and assembled as herein described and substantially as shown in Fig. 9.

Specification, 6s. Drawings on application.

Application No. 4082.—Toledo Glass Company, of 734 ppincation No. 4082.—Tolebo Glass Company, of 758 Spitzer Building, in the City of Toledo, State of Ohio, United States of America, Glass Manufacturers (assignee of Michael Joseph Owens) "Improvement in machine for and method of gathering and shaping Glass."—Dated 9th October, 1902.

Claims :

- Claims:—

 1. The process of producing glass articles which consists in sucking the molten glass into a mold or cup, cutting off the glass in the cup from that in the tank, bringing the gathered glass into operative relation to a shaping mold, and then shaping the gathered glass to its final form in said shaping mold.

 2. The process of producing glass articles which consists in forming a blowing blank by sucking up the molten glass from a pool into a blank-forming mold, enclosing the blank thus formed in a blowing mold of the shape of the article to be formed and then expanding the blank in the blowing mold.

 3. A movable suction mold and a cut-off for severing the class in
- 3. A movable suction mold and a cut-off for severing the glass in the mold from that in the tank or pool.
- 4. A movable mold, means for dipping the mold into the molten glass, for exhausting the air therefrom, and a core or plunger for forming a blowing cavity in the upper end of the blank.

- 5. A movable suction mold for forming a blank, having a withdraw-able core for forming a blowing cavity, a cut-off for the lower end of the suction mold and means for expanding the blank after it is gathered
- mto the suction mold.

 6. A movable suction mold for forming a blank of a length substantially equal to the length of the article to be blown and a core for forming a blow opening in the upper end of the blank.

 7. In a glass forming machine a movable support, a suction mold thereon adapted to be lowered into the molten glass and be raised therefrom, a cut-off for the lower end of the suction mold and a shaping mold, to which the suction mold may be moved and in which the blank is blown.

 8. In a class forming machine a suction.
- 8. In a glass forming machine, a suction head, a blank forming mold supported below the same, comprising a partible blank mold and a cut-off.
- 9. In a glass forming machine, a suction head, a suction mold depending therefrom, and a movable core projecting into the upper end of the suction mold to form an initial blow opening.
- 10. In a glass forming machine, the suction mold having an upper and lower section, devices for clamping these sections together during the sucking period, a cut-off operated across the lower end of the suction mold and a core for forming an initial blow opening at the upper end of the suction mold.
- 11. In a glass forming machine, a suction mold for sucking a blank directly from the molten mass, means for suspending the gathered blank when formed therein and for blowing the blank to the initial form while thus suspended.

- 12. In a glass forming machine a partible suction mold depending from a suction head, and suction channels such as 20, in the meeting edges of such molds, connected with the suction head to prevent leakage of air into the suction mold during the filling thereof.

 13. In a glass forming machine having a suction mold adapted to be dipped into the glass, of a cut-off for the lower edge thereof comprising the apertured plate 17 and means for operating said plate across the lower end of the suction mold.

 14. In a glass forming machine, a suction mold, means for dipping it into the molten glass, means for exhausting the air from the suction mold, means for cutting off the glass in the mold from the glass in the pool, for raising the mold from out the pool, for moving the suction mold into registration with the finishing mold, for opening the blank mold and for cutting off the suction and for admitting air under pressure to expand the blank.

 Specification, £1 10s. Drawings on application.

Specification, £1 10s. Drawings on application.

Application No. 4087. Thaddeus Sobieski Constantine Lowe, of Los Angeles, County of Los Angeles, State of California, United States of America, Civil Engineer, "Process of and Apparatus for the manufacture of Coke." -Dated 14th October, 1902.

Claims, numbering 56, can be inspected at Patent Office. Specification, £2 5s. Drawings on application.

R. G. FERGUSON,

Registrar of Patents.

Subsequent Proprietors of Patents registered from 11th to 18th October, 1902.

[Note.-The names in brackets are those of former proprietors.]

No. 3211.—The Royal Bank of Australia, Limited [Merton, T. D.].

No. 3702.—H. C. W. Gibson [McLear, B. F.].

Provisional Specifications.

Patent Office, Perth, 24th October, 1902.

PPLICATIONS for Letters Patent, accompanied by Provisional Specifications, which have been accepted from 11th October to the 18th October, 1902.

- Application 4024.—LANCELOT ELDIN DE MOLE, of "Ellesmere," Brighton, near Melbourne, in the State of Victoria, Australia, Draughtsman, "An improved method of and Apparatus for Automatically Operating Telephone Exchanges." -Dated 2nd September, 1902.
- Application No. 4068.—Hugo Salomo, of 78 Little Lonsdale Street, Melbourne, in the State of Victoria, Mechanical Engineer, "Improvements in Adjustable Seats or Supports for Chairs and Other Structures."—Dated 30th September, 1902.
- Application No. 4070.—James Healy, of 121 Newcastle Street, in the City of Perth, West Australia, Agent, "Improvements in Beds."—Dated 1st October, 1902.
- Application No. 4079.—OLE MIKAEL JOHAN OLSEN, of Toongabbie, in the State of New South Wales, Builder, "Improvements in the construction of Nails, Spikes, Bolts, and the like."—Dated 9th October, 1902.

Applications for Patents.

OCTOBER 11TH—18TH.

[Where Provisional Specification accompanies Application an asterisk is affixed.]

No.	Date.	Name.		Address.	Title.
*4083 *4084 *4085 *4086 4087	14th Oct., 1902 14th Oct., 1902 14th Oct., 1902		 	Adelaide, S.A Adelaide, S.A	given off from locomotive and other boilers.

Index of Applicants for Patents.

OCTOBER 11TH-18TH.

	Name.			Title.	No.	Date.
Barrett, R. Haines, C. W.		***	***	 Improvements in Venetian blinds Improved means for extinguishing the sparks given off from locomotive and other boilers	4085 4086	14th Oct., 1902 14th Oct., 1902
Lowe, T. S. C. McMichen, R. Taylor, E. H.	•••	•••		 Process of and apparatus for the manufacture of coke An improved tap	4087 4084 4083	14th Oct., 1902 14th Oct., 1902 13th Oct., 1902

Index of Subjects of Patents Applications.

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Title.	Name,						No.	Date.	
Blinds (Venetian)	Barrett, R Lowe, T. S. C Vide Spark-extinguisher Haines, C. W Taylor, E. H McMichen, R Vide Blinds (Venetian)						4085 4087 4086 4086 4083 4084 4085	14th Oct., 1902 14th Oct., 1902 14th Oct., 1902 14th Oct., 1902 13th Oct., 1902 14th Oct., 1902 14th Oct., 1902	

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Auldjo, L. C	Improvements in steam boilers	3937	8th July, 1902	8th Aug., 1902	32	3328
Cowan, J	Improvements in water tube boilers	3945	15th July, 1902	8th Aug., 1902	32	3328
Herbert, T., and Jagger, F.	An improvement in ping pong bats	3968	29th July, 1902	8th Aug., 1902	32	3328
Hicks, T. H	Vide Turri, G. G	3932	8th July, 1902	8th Aug., 1902	32	3327
Hicks, T. H	Vide Turri, G. G	3933	8th July, 1902	8th Aug., 1902	32	3327
Hicks, T. H	Vide Turri, G. G	3934	8th July, 1902	8th Aug., 1902	32	3327
Hicks, T. H	Vide Turri, G. G	3935	8th July, 1902	8th Aug., 1902	32	3328
Hicks, T. H	Vide Turri, G. G	3936	8th July, 1902	8th Aug., 1902	32	3328
Jagger, F	Vide Herbert, T., and Jagger, F	3968	29th July, 1902	8th Aug., 1902	32	3328
Merton, T. D	Improved rotary rabbling apparatus for	3931	8th July, 1902	8th Aug., 1902	32	3327
	ore roasters					
Purvis, J., and Rouse, T	Improvements in the manufacture of artificial stone	3916	1st July, 1902	25th July, 1902	30	3122
Rouse, T	Vide Purvis, J., and Rouse, T	3916	1st July, 1902	25th July, 1902	30	3122
Turri G. G. (Hicks, T. H.)	Improvements in apparatus for separa-					
	ting mercury and amalgam from ore	3932	8th July, 1902	8th Aug., 1902	32	3327
Turri, G. G. (Hicks, T. H.)	Improvements in processes for recovering gold from refractory ores in the form of amalgam	3933	8th July, 1902	8th Aug., 1902	32	3327
Turri, G. G. (<i>Hicks, T. H.</i>)	Improvements in apparatus for separating mercury from amalgam	3934	8th July, 1902	8th Aug., 1902	32	3327
Turri, G. G. (Hicks, T. H.)	Improvements in ore concentrators	3935	8th July, 1902	8th Aug., 1902	32	3328
Turri, G. G. (Hicks, T. H.)	Improvements in rotatable single-ball ore-pulverising apparatus	3936	8th July, 1902	8th Aug., 1902	32	3328

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Title.	Name.	No.	Date.	Gazette.				
ritie.	name.	No.	Date.	Date.	No.	Page.		
Bats	Herbert, T., and Jagger, F	3968	29th July, 1902	8th Aug., 1902	32	3328		
Boilers	Auldjo, L. C	3937	8th July, 1902	8th Aug., 1902	32	3328		
Boilers	Vide Water-tube Boilers	3945	15th July, 1902	8th Aug., 1902	32	3328		
Concentrator	Turri, G. G. (Hicks, T. H.)	3935	8th July, 1902	8th Aug., 1902	32	3328		
Gold recovery from refractory	Turri, G. G. (Hicks, T. H.)	3933	8th July, 1902	8th Aug., 1902	32	3328		
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Mercury Separation from Amalgam	Turri, G. G. (Hicks, T. H.)	3934	8th July, 1902	8th Aug., 1902	32	3328		
Ore Concentrator	Vide Concentrator	3935	8th July, 1902	8th Aug., 1902	32	3328		
Ore Pulp (separation of mercury and amalgam from)	Turri, G. G. (Hicks, T. H.)	3932	8th July, 1902	8th Aug., 1902	32	3327		
Ore Pulveriser	Vide Pulveriser	3936	8th July, 1902	8th Aug., 1902	32	3328		
Ore Roasters	Merton, T. D	3931	8th July, 1902	8th Aug., 1902	32	3327		
Ores	Vide Gold recovery from re- fractory ores	3933	8th July, 1902	8th Aug., 1902	32	3328		
Ping Pong Bats	Vide Bats	3968	29th July, 1902	8th Aug., 1902	32	3328		
Pulveriser	Turri, G. G. (Hicks, T. H.)	3936	8th July, 1902	8th Aug., 1902	32	3328		
Silver, recovery from refractory ores	Vide Gold	3933	8th July, 1902	8th Aug., 1902	32	3328		
Steam Boilers	Vide Boilers	3937	8th July, 1902	8th Aug., 1902	32	3328		
Stove (manufacture of)	Purvis, J., and Rouse, T	3916	1st July, 1902	25th July, 1902	30	3122		
Water-tube Boilers	Cowan, J	3945	15th July, 1902	8th Aug., 1902	32	3328		

Applications Abandoned.

Остовек 11тн то 18тн.

Application No. 3678.—Gotthardt Ernest Levitzke, of Jamieson's Consols, Mertondale, Western Australia, Prospector, "An improved Windmill, principally adapted for driving a rotary Pulveriser and Crusher."—Dated 12th December, 1901.

Application No. 3679.—Henry Frederick Hansen, of Hampton Plains, Western Australia, Mine Foreman, "Improved Overhead Conveyor and Elevator for ores and such like material."—Dated 12th December, 1901.

Application No. 3684.—Fred. Walsh, of International Patents, Trade Marks, Designs, and Copyrights Bureaux, 23 Elizabeth Street, Sydney, in the State of New South Wales and Commonwealth of Australia, Engineer and Patent Agent, "Improvements in Refuse Destructors."—Dated 18th December, 1901.

Application No. 3687.—Paul Hallor, of 79 Rue de Fontenay in Vincennes, Department of the Seine, France, Engineer, "Improvements in Railway Brakes."—Dated 18th December, 1901.

Application No. 3688.—Paul Hallot, of 79 Rue de Fontenay, in Vincennes, Department of the Seine, France, Engineer, "Improvements in Railway Brakes."—Dated 18th December, 1901.

Application No. 3689.—PAUL HALLOT, of 79 Rue de Fontenay in Vincennes, Department of the Seine, France, Engineer, "Improvements in Railway Brakes."—Dated 18th December, 1901.

Trade Marks.

Patent Office, Trade Marks Branch, Perth, 24th October, 1902.

TT is hereby notified that I have received the undermentioned Applications for the Registration of Trade Marks.

Any person or persons intending to oppose such applications must leave particulars in writing, in duplicate (on Form F), of his or their objections thereto, within two calendar months from the date of this *Gazette*.

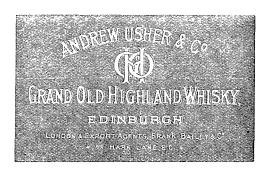
A fee of £1 is payable with such notice.

In the case of an Application in which have been inserted a statement and disclaimer (or a disclaimer only), a copy of the same is printed in *italics* in connection with the advertisement.

R. G. FERGUSON,

Registrar of Designs and Trade Marks.

Application No. 2603, dated 14th October, 1902.—Andrew Usher & Company, of West Nicholson Street, Edinburgh, in North Britain, Distillers, to register in Class 43, in respect of Whisky, a Trade Mark, of which the following is a representation:—



The essential particular of the Trade Mark is the distinctive label.

Application No. 2604, dated 14th October, 1902.—LUTHER ROBERT SCAMMELL, of 54 King William Street, Adelaide, State of South Australia, Commonwealth of Australia, Manufacturing Chemist, to register in Class 3, in respect of Chemical Substances prepared for use in Medicine and Pharmacy, a Trade Mark, of which the following is a representation:—

Vimilk

Application No. 2605, dated 15th October, 1902.—Gracie and Walkley, Castlemaine Brewery, East Fremantle, Western Australia, to register in Class 43, in respect of Fermented Liquors and Spirits, a Trade Mark, of which the following is a representation:—



PENGUIN.

Application No. 2606, dated 17th October, 1902.—John Wesley Bateman, trading as J. and W. Bateman, Merchants, Fremantle, in the State of Western Australia, to register in Class 42, in respect of all foods prepared wholly or in part from cereals, a Trade Mark, of which the following is a representation:—

CERENA.

Application No. 2607, dated 17th October, 1902.—UNITED STATES RUBBER COMPANY, of No. 47 Farringdon Street, London, in England, Manufacturers, to register in Class 38, in respect of Boots and Shoes made of Rubber, a Trade Mark, of which the following is a representation:—

RED RAVEN.

List of Trade Mark Applications Abandoned.

Остовек 11тн—18тн.

No. 2301.—F. E. Kingdon, Class 42, Cordials (non-alcholic).

Alphabetical List of Registrants of Trade Marks.

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Cascade Brewery Company, Ltd.	Fermented liquors and spirits	43	2527	29th July, 1902	32	8th Aug., 1902	3340		
Cascade Brewery Company, Ltd.	Fermented liquors and spirits	43	2528	29th July, 1902	32	8th Aug., 1902	3340		
Hall, G., & Sons	Fermented liquors and spirits	43	2530	29th July, 1902	32	8th Aug., 1902	3340		
Pretty, W., & Sons, Ltd	Corset busks and metal work of corsets, and other articles of metal or haberdashery	13	2520	17th July, 1902	30	25th July, 1902	3136		
Wills, W. D. and H. O. (Australia), Limited	Tobacco, whether manufactured or unmanufactured (including eigars and eigarettes), and eognate sub-	45	2534	31st July, 1902	32	8th Aug., 1902	3340		
Wormald, J. D. (trading as Wormald Bros.)	stances and goods Fire extinguishing appliances	6	2529	29th July, 1902	32	8th Aug., 1902	3340		

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