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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, 11th July, 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. 3514.—The London and Hamburg Gold Recovery Company, Limited, of 22 Austin Friars, London E.C., England (Assignee of *Ludwig Diehl* and *George Henry Walkeden*), "*Combined Condensing and Evaporating Appliances for the distillation of Impure Water.*"—Dated 23rd August, 1901.

Claims:—

1. The peculiar construction of a tubular chamber as A having an upper open compartment as B and a lower or sediment compartment as C and said compartments being in communication with each other by tubes or passages as A1, said chamber A having steam, air and water pipe connections as A2, C3, D, and A3, substantially as and for the purposes herein explained and set forth and as illustrated in the attached drawing.

2. The peculiar construction of a cooling tower as J provided with spray nozzle or jets as J1 and with an air inlet pipe as J2 and a vapor outlet pipe as K, substantially as and for the purposes herein explained and set forth and as illustrated in the attached drawing.

3. The peculiar construction and combination of a condenser as A, a heater as E, a vapor condenser as L with a cooling tower as J, all said chambers being in communication with each other and connected with water steam and air supplies, all working in a continuous or fellowship manner substantially as and for the purposes herein explained and set forth and as illustrated in the attached drawing.

Specification, 7s. Drawings on application.

Application No. 3520.—Reuben Sparrow, of Richardson Street, South Melbourne, in the State of Victoria, Commonwealth of Australia, Engineer, and Nicolay Fahrenholtz Jensen, of No. 21 High Street, Malvern, near Melbourne, in the said State of Victoria, Nurseryman, "*An Improved Hub Brake for Cycles, Automobiles, and other road vehicles.*"—Dated 3rd September, 1901.

Claims:—

1. An improved hub brake for cycles, automobiles and other road vehicles characterised by an adjustable grooved brake wheel, a downwardly extending bracket and clip to which the lower end of a spring brake band is clamped, a wire having a short shouldered sleeve fitting between lugs on the upper end of said brake band, said wire having a mushroom-headed stud all combined and arranged substantially as set forth.

2. In a hub brake for cycles automobiles and other road vehicles a grooved friction brake wheel having radially sliding screws or studs fitting into inwardly projecting sockets, said screws having grooved heads, and fitted with rotating nuts bearing against the face of said sockets, substantially as set forth.

3. In a hub brake for cycles automobiles and other road vehicles, a spring brake band secured at its lower end to a bolt passing through and clamped to a downwardly extending bracket or arm and clip, the other end of said bracket or arm fitting over the spindle of the drive wheel, and clamped between the back fork and adjustable cup or cone.

4. In a hub brake for cycles automobiles and other road vehicles, a spring brake band mounted on a bolt, passing through the lower end of a downwardly extending bracket or arm and clip, and secured by a nut, and an idle pulley on said bolt under which the actuating wire passes substantially as set forth.

5. In a hub brake for cycles automobiles and other road vehicles a wire connected to a spring brake band and having short lengths of adjustment chain and a mushroom-headed stud or pin with outwardly bent lugs on the lower end adapted to engage the looped ends of a double link substantially as set forth.

Specification, 4s. Drawings on application.

Application No. 3525.—William George Gibbins, of Argyall House, Kirkdale Road, Leytonstone, in the County of Essex, England, Furrier, "*Improvements in Washing Machines.*"—Dated 4th April, 1901.

Claims:—

1. A washing machine of the kind referred to constructed with a partition which conforms more or less closely to one side of the oscillating vessel in which it is pivoted so that goods placed between the partition and the other side of the vessel are allowed greater freedom whilst being turned by the oscillation of the vessel and the consequent movement of the cleansing liquid, substantially as described.

2. A washing machine of the kind constructed with a partition and means whereby said partition is caused to oscillate with the vessel in which it is mounted during one oscillation, or two or more consecutive oscillations thereof, and is given a tendency to maintain an upright attitude, or to oscillate reversely to the vessel during the next oscillation of the vessel, and so on, so as to squeeze the goods only once during two or other given greater number of complete oscillations of the vessel, substantially as described.

3. A washing machine constructed, arranged and operating substantially as described with reference to and illustrated in the accompanying drawings.

Specification, 8s. Drawings on application.

Application No. 3532.—Richard Buck Arthur, of 39 Armstrong Street, Ballarat, in the County of Grenville, State of Victoria, Commonwealth of Australia, Shopman, "*An improved process for preserving Leather and similar substances from Mineralised Waters.*"—Dated 11th September, 1901.

Claims:—

1. In an improved process for preserving leather and similar substances, tanning the material in an ordinary way then placing it in a rotating chamber with a solution as specified and subsequently with another solution as specified (heated) into the said chamber (also heated) all as and for the purposes hereinbefore described.

2. An improved process for preserving leather and similar substances consisting of tanning the leather or similar substances in the ordinary way and then for the hereinbefore mentioned or other time placing it in a rotating chamber containing a solution of alum, chalk, glue, and water in the approximate proportions specified, then draining and almost drying out, then placing it for the hereinbefore mentioned or other time in a rotating chamber heated to about 130 degrees Fahrenheit with a solution also heated as before described consisting of asphaltum, india-rubber dissolved in turpentine or other solvent to which is added paraffine wax, beeswax and sugar of lead dissolved in oil and of the approximate proportions given, then finishing in the ordinary way all as and for the purposes hereinbefore specified.

Specification, 3s. 6d. Drawings on application.

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