## [Publinhod by Aubhoriis.]

P.O. No. 12,$\}$

[1903.


Note. -Throughout this Gaze:e the names in lies wimb parentheges are tiose of Comauncators of Inventions.

## Gomplete Specifications.

Patent Offee, Perth, 27 th IVebruary, 1003

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 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, 3859.-Whluam Gratman, of No. 454 Collins Street, Melbourne, in the State of Victoria, Australia, Grazier and Vigneron, "Improvements in Wire Fencing." -Dated 7th May, 1902.
Claims:-

1. Means for keeping fencing wire taut and in moper alignment comprising the emporment in the fencing of a spring to which a wire or wires are to be at ached for the purposes described, and as illustrated on the accompanying drawings.
2. Means for heeping fencing wire tant and in proper aligmont comprising the emplorment in the rencing of spiral spungs as A with bent ends $a 1$ and $\alpha 2$ to which the two ends of the fencing wires threaded throush the springs are secured, for the purposes described, and as illustrated on ligures 2 and 3 of the accompanying drawings.
3. Means for keeping fencing wire taut and in proper alinnment comprising the employment of a flat spring as E secured to fencing post and receiving end of wire for the purposes described, and as illustrated ou Figures 4 and 5 of the accompanying drawings.
Specification, 4s. 6d. Drawings on application.
Application No. 3862--Russmll Sinclatr, of No. 97 Pitt Street, in the City of Sydney, and State of New South Wales, in the Commonwealth of Australia, Consulting Mechanical Engineer, "Improvements in Submarine Vessels or Diving Apparatus."-Dated 10th May, 1902.

Claims:-

1. The comkination with a submarine vessel of grasshopper less or thrust bars jointed to radius lerers adlupted to be operated inside said ressel to travel the same in a series of hops substanitiaty as herein
described and explained.
2 The combination with a submarine vessel adapted to support i'self on a sen bottom of grasshopper legs lavimg thercon feet or euds adapted to hold and be thrust against said sea bottom sulstuntinly is herein described and explained.
2. The combination and arrangement with a hall 3 of a hacket 4 having a stuffing box 5 gland 6 mut 7 ball cuip 8 nut 9 stuffug box 10 gland 11 and nuts 12 and a spindle 13 having a collar 14 as for the purposes set forth substantially as herein described and explained and as illustrated in the drawing.

The combination aud arrangement with a hmil 3 a shaft 13 having collar 14 and a suitable watertieht support and bearing tor such shaft 13 of radius lever 16 knuckle joint 17 and leg 18 having suitable holding and explained and as illustruted in the drawing,
5. The particumr combintion with ewhopher ler 18 of a foot having comb or teoth 19 mat holding boits io substandahy as herein described and exphinel and as illustated in the drawing
Specification, 6 s . Drawings on application.
Application No. 3897 .-Theonore Brrnard Jacobsms, of Auckland, in tie Colony of New Zealand, Architect,
"Improv d means for att iching the handles of dom locks and the like to the same."--Dated 13th May, 1002
Claims:-

1. In means for securing the handes of doors and the like to their spudies, a spindle the enls of which are fomei with ratchets mpon two opposite faces, and a wir of springs secured to the inside of the hamde and whapted to en, ige with the teeth of the zatchets on the
spindle, as herein specified.
2. In means for securing the handles of dooxs and the like to their spindles, a spindle the ends of which ave formed with ratchets upon two opposite faces, and a pair of spiugs secured to the inside of the
hande mal adapted to eugrge with the teeth of the ratchets on the spindie and a removable top unow the hande, is herein set forth.

Specification, 4s. 6a. Drawings on application.
Application No. 3575.-Rdward Thambram Towgood, of Grassmere, Wauganui, in the Colony of New Zealand, Settlor, "An improced Tobacco Pipe""-Dated 27 th May, 1902.

Claim:--
In tobacco pipes, a hollow stem and a hollow removable mouthpicce, in combination with blooks of pumice shapod to tit within the hollows of the stem and mouthpiece and in the botton of the bowi of the pipe, the blocks of punice within the stem nnd mouthpiece being ench pierced longitudinally with a draw hole and provided with means whereby they
may he handled, as herein set forth.

Specification, ड̄s. Drawings on application.
Application No. 3879.-Thomas Oliver Turnbulf, of Kawhia, in the Colony of New Zealand, Settler, "A device for carrying children."- Dated 27 th May, 1902.
Claims:-
]. A device for carrying children, the same consisting of a meck or shonider band, adjustable in length, the botton ends of which are narrowed down and secured tegetier so as to form a frame, and a small bammock of any suitable material susperded upon stch frame, as herein specified.
2. A device for carrying children, the same consisting of a yeck or shoulder buad, adjustable ja length, the bettom ends of which are nawrowed down and secured together so as to form a trame, a smal ends of which are xespectively attached to the two dependent parts of the neek or shoulder band, as herein specified.
Specification, 6s. 6d. Imrwings on application
Application No. 3982.--John Jerger and Adole Rossmow, both of Boulder, Western Australia, Watchmaker and Metallurgist respectively, "Inproved method of ascertaining the money value of bar or bulk gold."-Dated 7th August, 1902.
Clam:-
The method of ascertaining the money value of bulk gold said method consisting of cutting out of the buik the sample or value unit of any


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Applications for the Grant of Letters Patent

