No. 681,666. Patented Aug. 27, 1901.

D. W. CALL.

HUB BAND.

(Application filed Apr. 13, 1901.)

(No Model.)

Fig. 1.

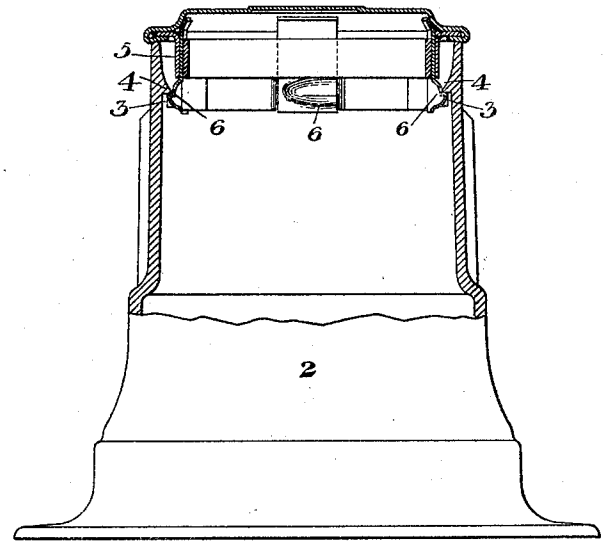


Fig. 2

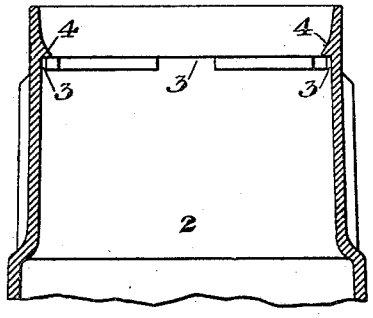
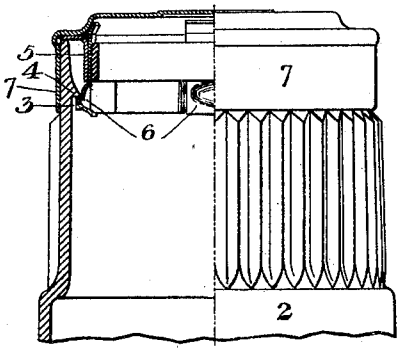


Fig. 3.



WITNESSES

Warren W. Swarty

A. M. Gloninger

INVENTOR

Delmer W. Call

by Baldwin & Hymes

his attys.

UNITED STATES PATENT OFFICE.

DELMER W. CALL, OF CLEVELAND, OHIO, ASSIGNOR TO THE NATIONAL MALLEABLE CASTINGS COMPANY, OF SAME PLACE.

HUB-BAND.

SPECIFICATION forming part of Letters Patent No. 681,666, dated August 27, 1901.

Application filed April 13, 1901. Serial No. 55,675. (No model.)

To all whom it may concern:

Be it known that I, DELMER W. CALL, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Hub-Band, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation, partly in section, showing the cap in place. Fig. 2 is a section of the end portion of the hub-band, the cap being removed; and Fig. 3 is a modification of cap shown in Fig. 1.

In the drawings, 2 represents a hub-band having on its interior surface notches or sockets 3 3, constituting locking portions, which are formed on the hub-band itself, preferably on an annular ridge 4, which is cast thereon and the outer side of which is preferably inclined toward the end, so as to afford an ornamental finish and facilitate the application of the cap. The cap which covers the end of the hub-band has an inwardly-projecting flange 5, which extends within the inner surface of the hub-band, and has lateral spring-actuated catches 6, formed, preferably, with inclined sides and adapted to take into the notches. When the cap is applied, it is thus held directly by the hub-band itself without the intervention of any intermediate collar or ring. The cap can be released for removal by turning it until the catches disengage from the notches.

In Fig. 3 I show a modified construction in which the cap is formed not only with an inner flange 5, but with an outer flange 7, which extends around the exterior surface of the hub-band. The device is simple in construction, it does not interfere with the casting of the hub-band, and it provides a fastening device which is durable and efficient and which has as few parts as possible.

I claim—

1. The combination of a hub-band having on its own interior surface locking portions with recesses therein, and a cap having an inwardly-projecting flange with spring-catches mounted thereon, said spring-catches being adapted to engage the recesses of said locking portions and to be disengaged therefrom by turning, substantially as described.

2. The combination of a hub-band having on its own interior surface a rib constituting a locking-device for a cap, said rib being formed with its outer side inclined toward the end of the hub-band to facilitate the application of the cap; and a cap having spring-catches adapted to engage said rib, substantially as described.

In testimony whereof I have hereunto set my hand.

DELMER W. CALL.

Witnesses:
GEO. B. BLEMING,
L. M. REDMAN.