

(No Model.)

H. C. DORR.
HAND STAMP.

No. 283,583.

Patented Aug. 21, 1883.

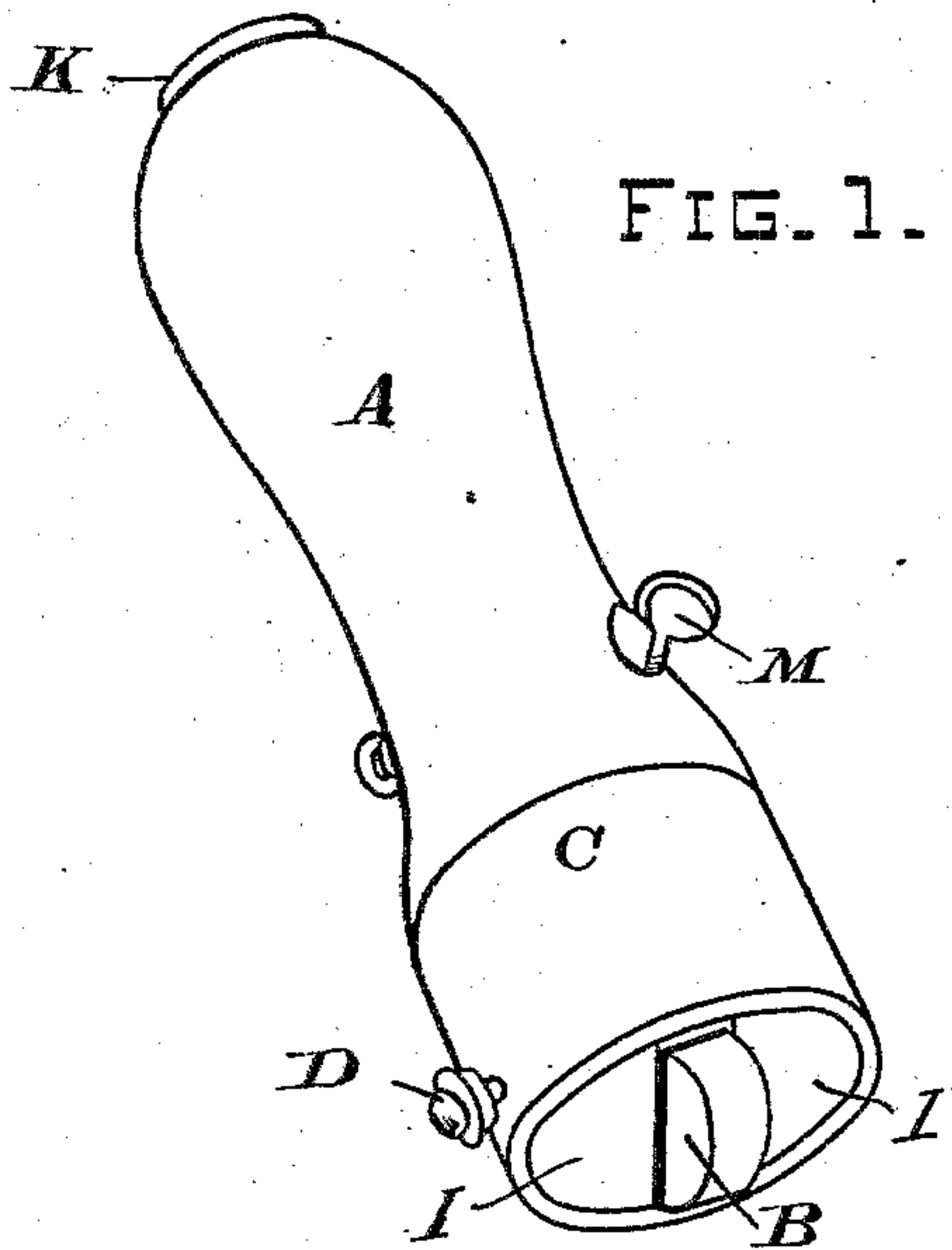


FIG. 1.

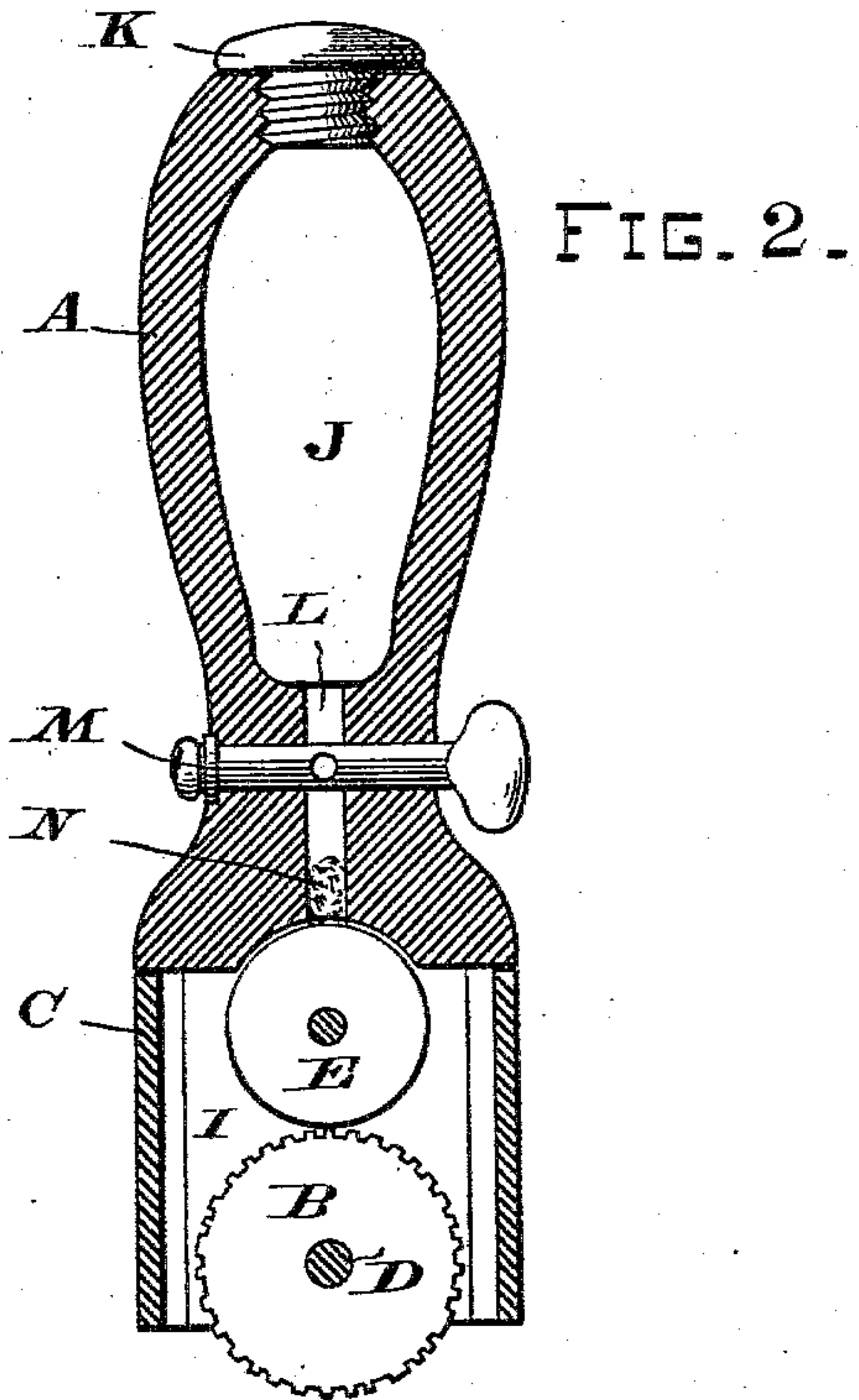


FIG. 2.

FIG. 4.

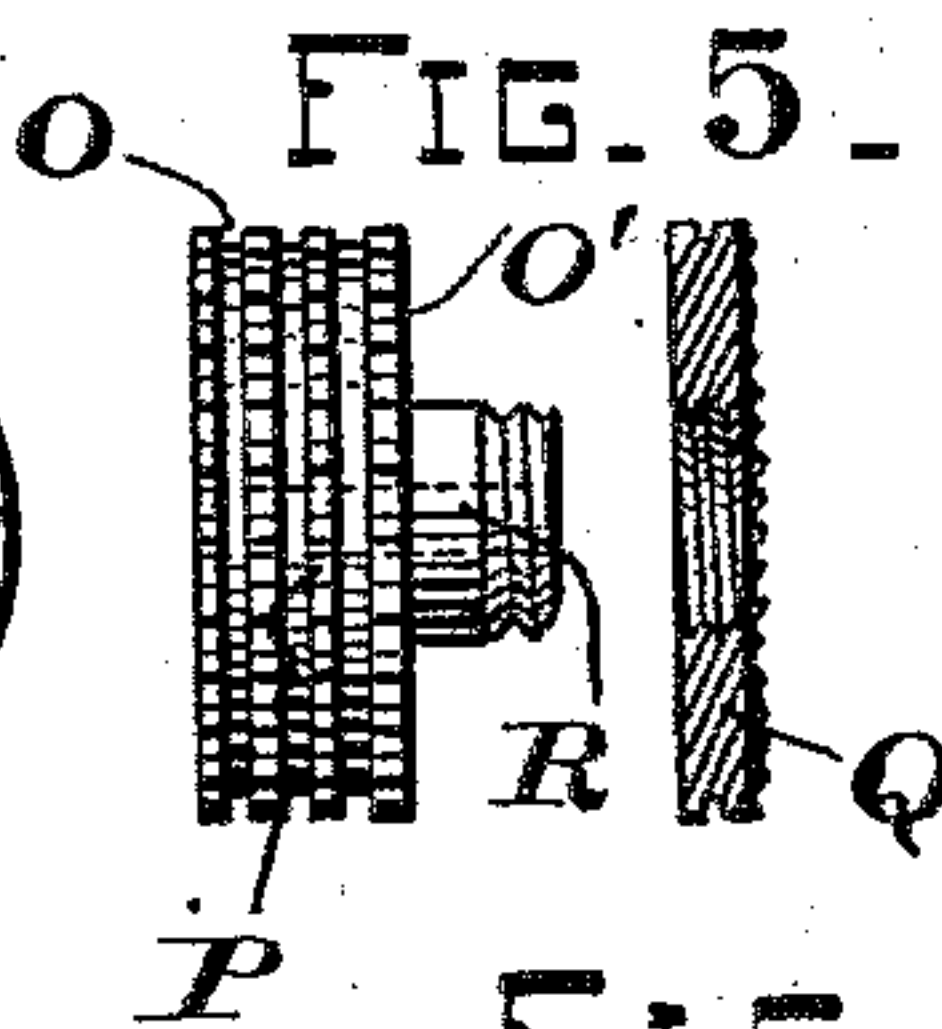
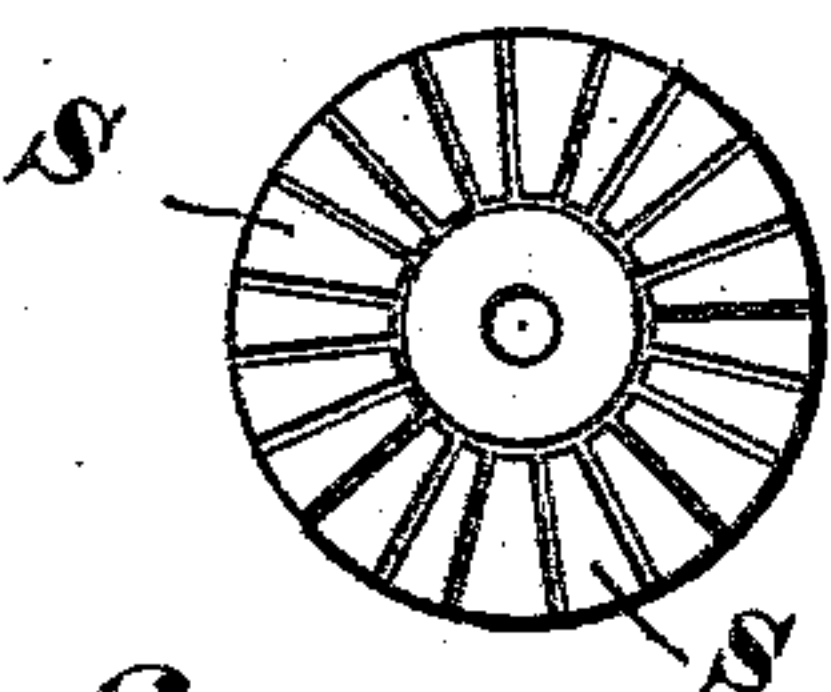


FIG. 5.

FIG. 6.

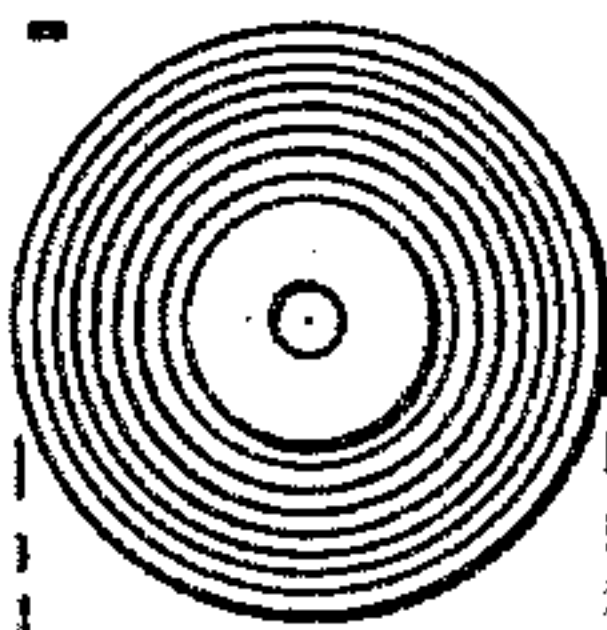


FIG. 7.



FIG. 8.

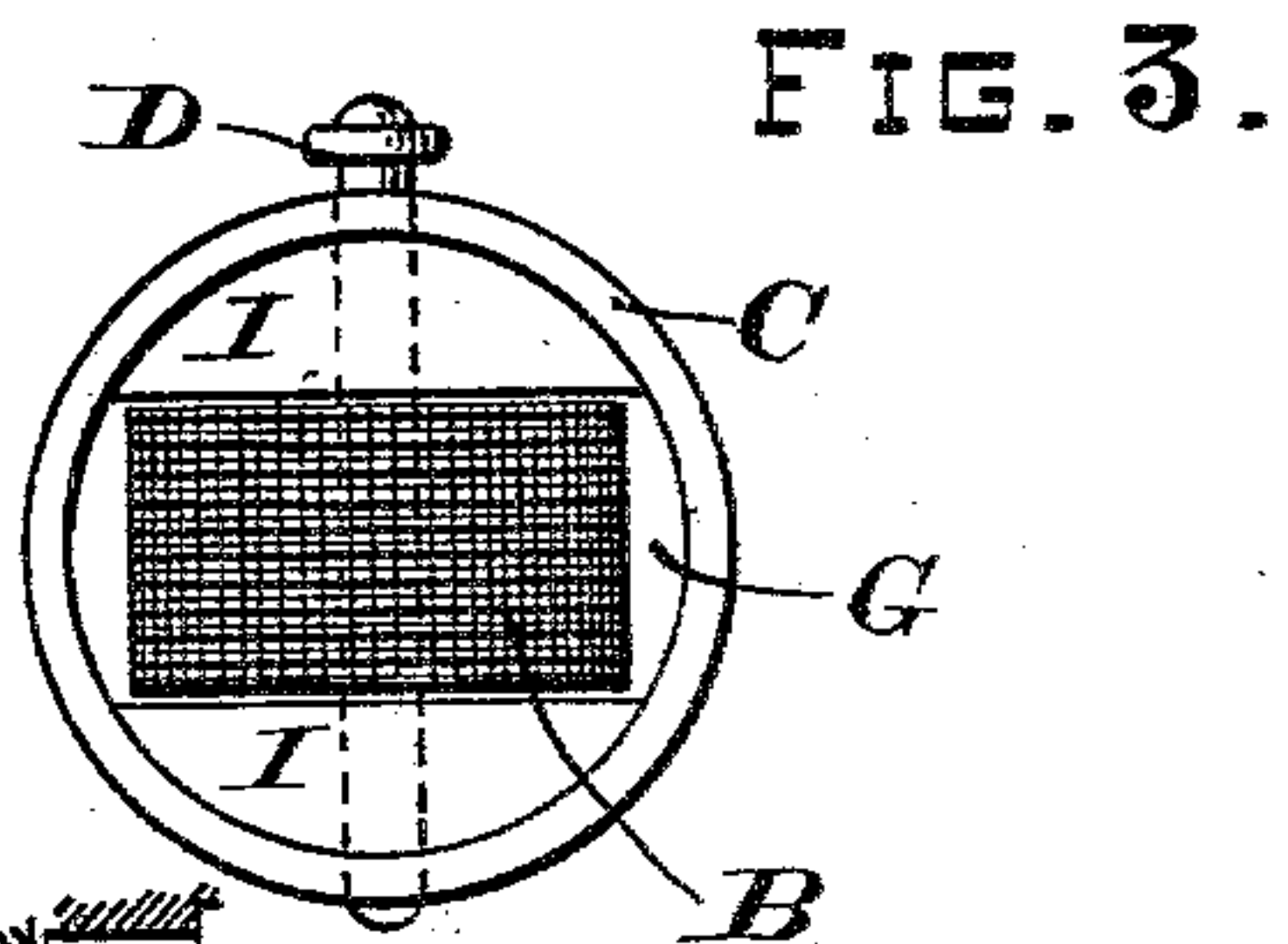
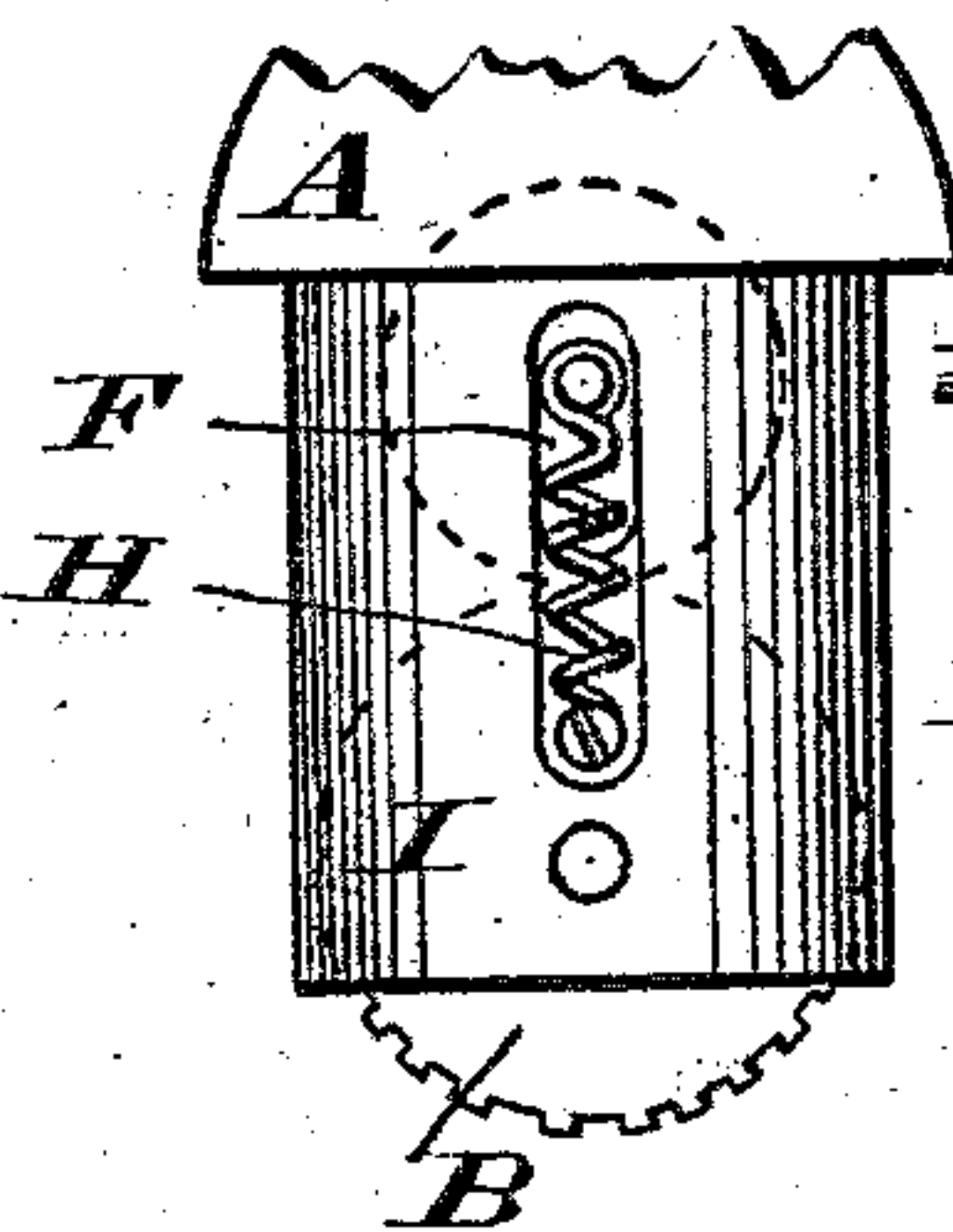


FIG. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

HERBERT C. DORR, OF SAN FRANCISCO, CALIFORNIA.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 283,583, dated August 21, 1883.

Application filed April 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, HERBERT C. DORR, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification, reference being had to the accompanying drawings, in which—

10 Figure 1 is a perspective view of my improved stamp-canceler. Fig. 2 is a central longitudinal section. Fig. 3 is a bottom view. Figs. 4, 5, 6, 7, and 8 are detail views.

15 Similar letters of reference are used to designate like parts throughout the several views.

A represents the handle of my stamp-canceler, having a projecting canceling-wheel, B, and provided with a ferrule, C, which is held in position by the bolt D, which also forms 20 the axle upon which the canceling-wheel revolves.

Immediately above the canceling-wheel is placed the inking-wheel E, whose axle has vertical play within slots F F, cut in the side 25 pieces, I I, on each side of the recess G, in which the wheels B and E are placed. The inking-wheel is kept in constant contact with the canceling-wheel, and with canceling-wheels of different sizes, by means of the spring H, 30 secured within a recess cut in the cheeks or side pieces, I I, below the slots F, and having its upper end attached to or encircling the axis of the inking-wheel, as is seen in Fig. 8, whereby a downward pressure is constantly 35 given to the said inking-wheel.

The upper part of the handle A is made hollow, so as to form an ink well or reservoir, J, into which printer's ink is put through an opening at the top of the handle, ordinarily 40 closed by the screw-plug K.

At the base of the ink-well there is formed the tube or passage L, closed by a stop-cock, M, and having placed within its lower end the distributing-pad N, which may be made 45 of any elastic or semi-elastic substance, and which should always be in contact with the inking-wheel and keep it charged with a sufficient quantity of ink, the flow of which can be regulated by the stop-cock M.

50 The canceling-wheel is formed of a short cylinder of suitable metal, having its rounded

surface scored by a series of parallel grooves, O, which are intersected by parallel transverse grooves O', which give an impression of a series of quadrangular dots or small squares upon 55 the surface of the paper over which the printing-wheel is rolled. The faces of these serrations may be greater or less in size, the object being to indent the paper or stamp and not cut through it, so that should the ink be washed 60 from the stamp and an attempt be made to smooth out or remove the impressions or indentations from the stamp, in order to restore it, that it may be used again in fraud, it will be impossible to do so successfully, as the im- 65 pressions or indentations will still remain.

When it is desirable to print with removable type, I construct the canceling-wheel in the form shown in Figs. 5, 6, and 7. The wheel is made in two parts, P Q, one part, P, having 70 a central projection, R, provided with a few turns of a screw-thread, as seen in Fig. 5. The types S are made with their sides flat and parallel; but their front and rear edges are made beveled, inclined, or wedge-shaped, 75 as is seen in Fig. 4, the apex resting against the smooth side of the projection R. The opposing faces of the two sections P and Q are made with circular serrations, as seen in Figs. 6 and 7, by which construction a better and 80 firmer hold is obtained upon the type when the two sections are screwed together.

It will be seen that by withdrawing the bolt or pin D and removing the ferrule C easy access is had to the inking and canceling wheels 85 when it is necessary to clean or inspect them.

When it is necessary to change the canceling-wheel only, it may be accomplished by simply removing the pin D, when the wheel B may be easily removed from the handle 90 without also removing the ferrule.

By means of this device letters may be post-marked and their stamps canceled in a rapid and effective manner, it being possible with it to cancel several dozen stamps by one mo- 95 tion of the hand.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a hand-stamp, the combination, with 100 the handle A, inclosing an ink-reservoir, J, and provided with vertical passage L, cock

M, and pad N, of the detachable ferrule C, slotted cheek-pieces I I, arranged therein and forming recess G, the inking-wheel E and canceling-wheel B, journaled in said recess, the latter projecting below the ferrule, and the springs H H, for holding said wheels in contact, all substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of 10 April, 1882.

HERBERT C. DORR.

Witnesses:

WILMER BRADFORD,
HOLLAND SMITH.