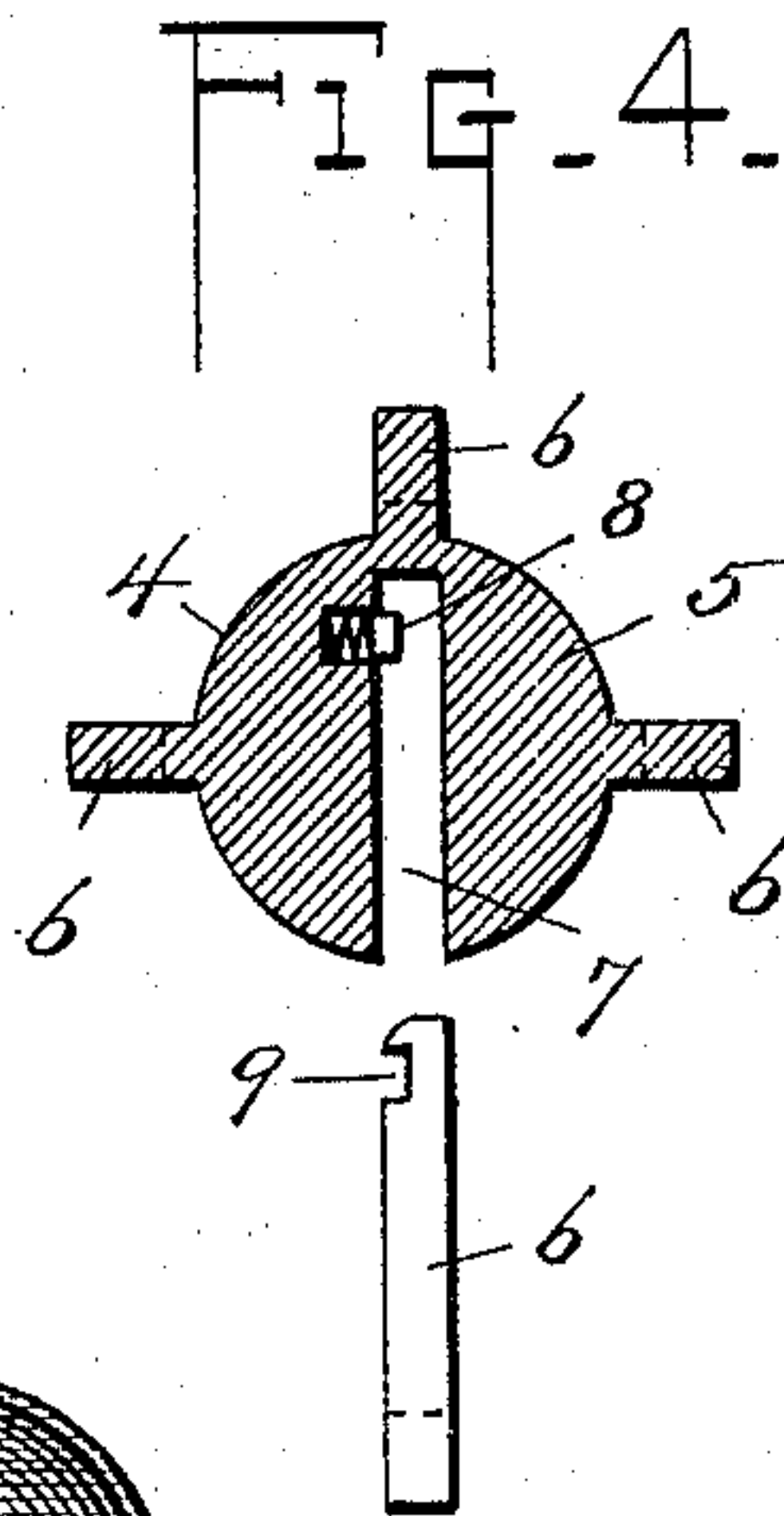
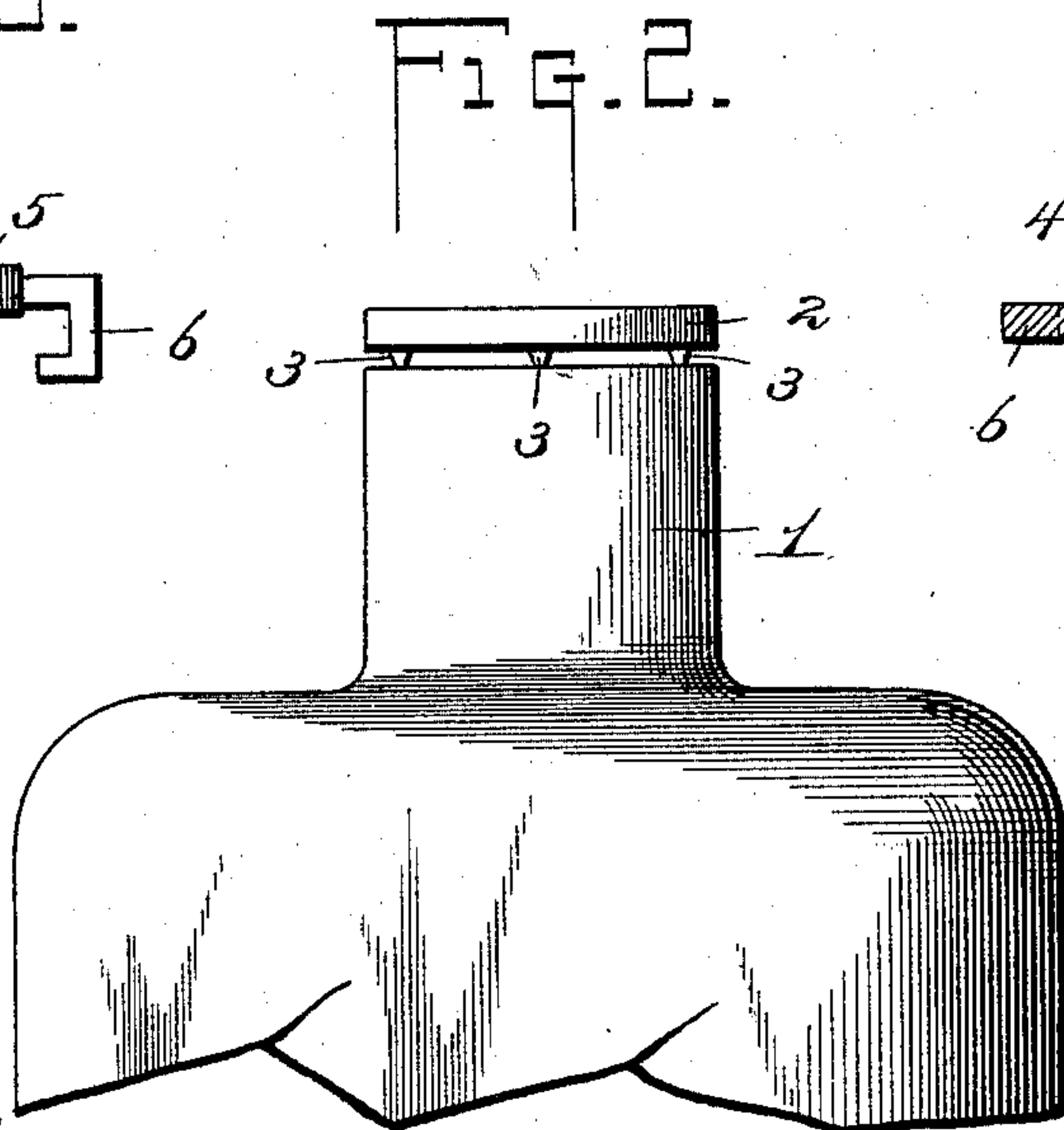
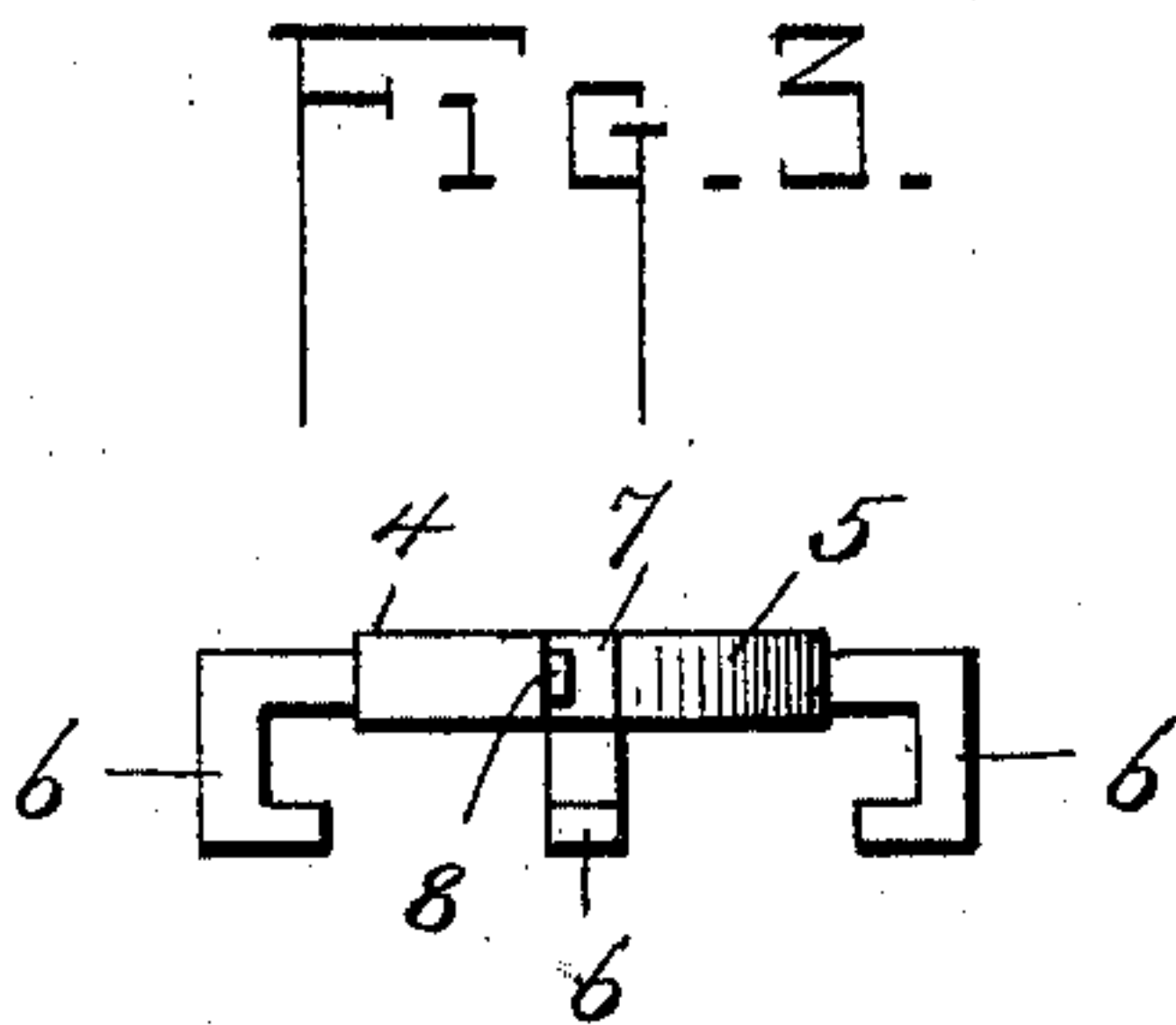
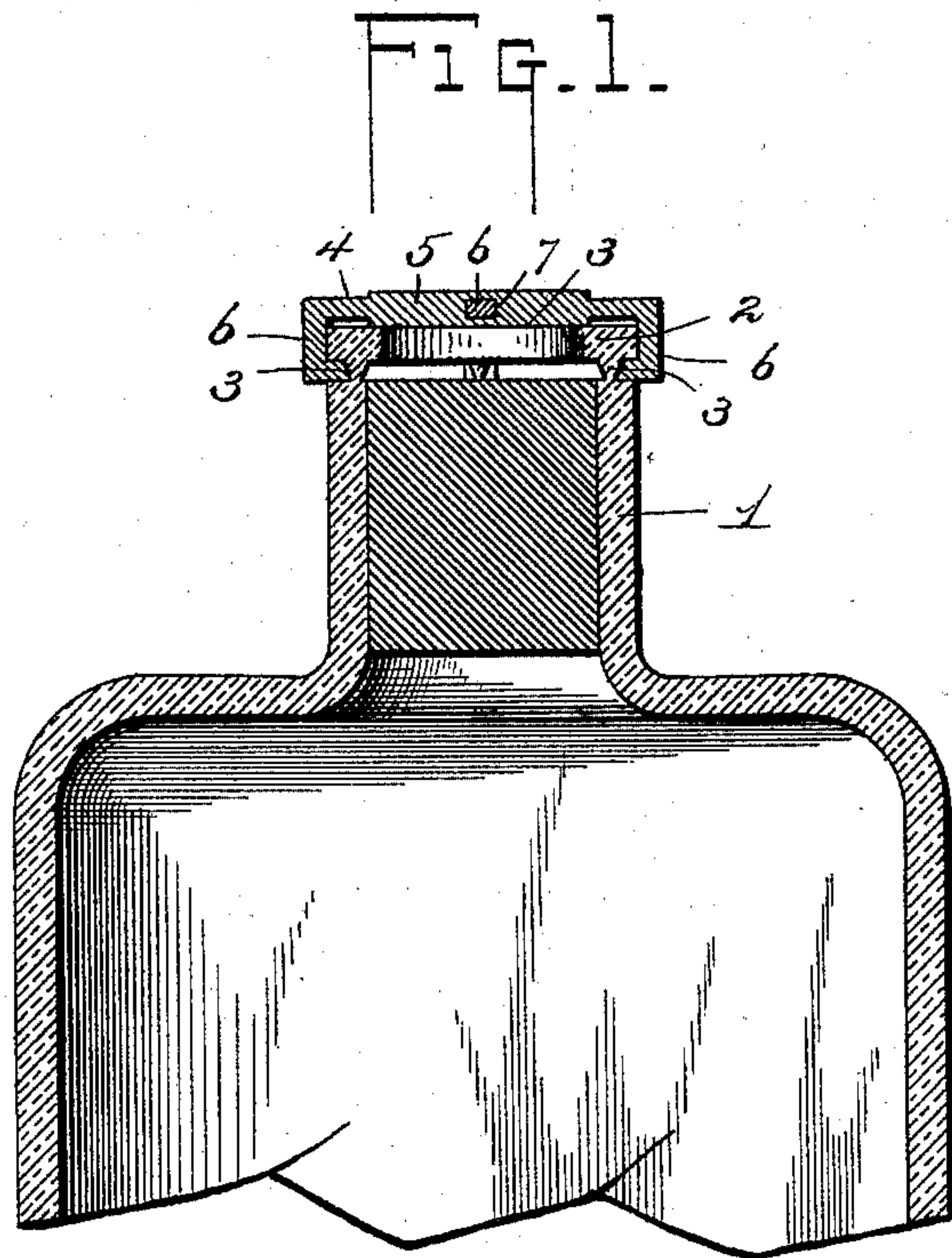


(No Model.)

C. N. WOODLE.
NON-REFILLABLE BOTTLE.

No. 585,807.

Patented July 6, 1897.



WITNESSES

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UNITED STATES PATENT OFFICE.

CARRIE N. WOODLE, OF FORT SCOTT, KANSAS.

NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 585,807, dated July 6, 1897.

Application filed September 23, 1896. Serial No. 606,707. (No model.)

To all whom it may concern:

Be it known that I, CARRIE N. WOODLE, a citizen of the United States, residing at Fort Scott, in the county of Bourbon and State of Kansas, have invented certain new and useful Improvements in Non-Refillable Bottles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has reference to a novel construction in what are termed "non-refillable bottles;" and it consists in the features of construction and combination of parts herein-
after described and specifically claimed.

In the accompanying drawings, illustrating this invention, Figure 1 is a central vertical section of a bottle of this construction. Fig. 2 is a side elevation of the neck of the bottle in detail. Fig. 3 is a detail view of the sealing-cap. Fig. 4 is a horizontal section of the same.

Referring now to said drawings, 1 indicates the neck of the bottle, having at its upper end the ring 2, that is connected to the end of the neck by a plurality of small frangible connecting-pins 3, said ring 2 and neck 1 being made in one piece and at the same time. In this way it will be seen that except where these small connecting-pins 3 are situated there is an open space between the ring 2 and the end of the neck 1. The securing-cap 4 consists, essentially, of a disk 5, which is adapted to lie flat upon the ring 2, and a plurality of hooked arms 6, which are adapted to extend around the end of the ring, as shown. This cap is made of metal, so that it cannot be easily broken, and to permit the cap to be placed upon and around the rim one of the arms 6 is removable and adapted to move within a recess 7 in said cap. Within said recess 7 is a gib 8 to be pressed inwardly by a spring, and it is adapted to engage the notched inner end 9 of this removable arm 6. It will be apparent, therefore, that when placing the cap in position by first removing the arm the cap can be placed upon the ring with its hooked fingers engaging the lower face of the ring and that then by sliding the inner

end of the removable arm into the recess its hook will engage the ring and be locked securely by the spring-gib 8.

In use the bottle is filled and corked in the ordinary manner, and after being thus corked this sealing-cap is applied, so that when it is desired to open the bottle it is necessary to break the ring 2 from the bottle, which can be readily accomplished by the use of any suitable tool or by twisting the cap, where- upon the cork can be removed in the usual manner. It will thus be seen that the bottle as provided will effectually prevent its unlawful use a second time, for, in the first place, the broken neck of the bottle will indicate that it has been used a second time, and, further, a suitable trade-mark could be applied to the ring, which being removed would be a second warning.

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

1. A bottle having a ring secured to the neck thereof by small connecting-pins, and a sealing-cap secured upon said ring by arms having their end portions situated between said ring and end of the neck of the bottle, substantially as described.

2. A bottle having a ring secured to the neck thereof by small connecting-pins, in combination with a cap having a plurality of stationary arms and a removable arm adapted to be securely locked to said cap, said arms and end portions being situated between said ring and the end of the neck of the bottle, substantially as described.

3. The combination with a bottle having a ring secured thereto by small connecting-pins, of a cap having a plurality of hooked arms, a recess in said cap, a locking device within said recess, and an arm having an engaged end portion adapted to enter said recess, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CARRIE N. WOODLE.

Witnesses:

E. J. CHAPIN,
J. M. HUMPHREY.