

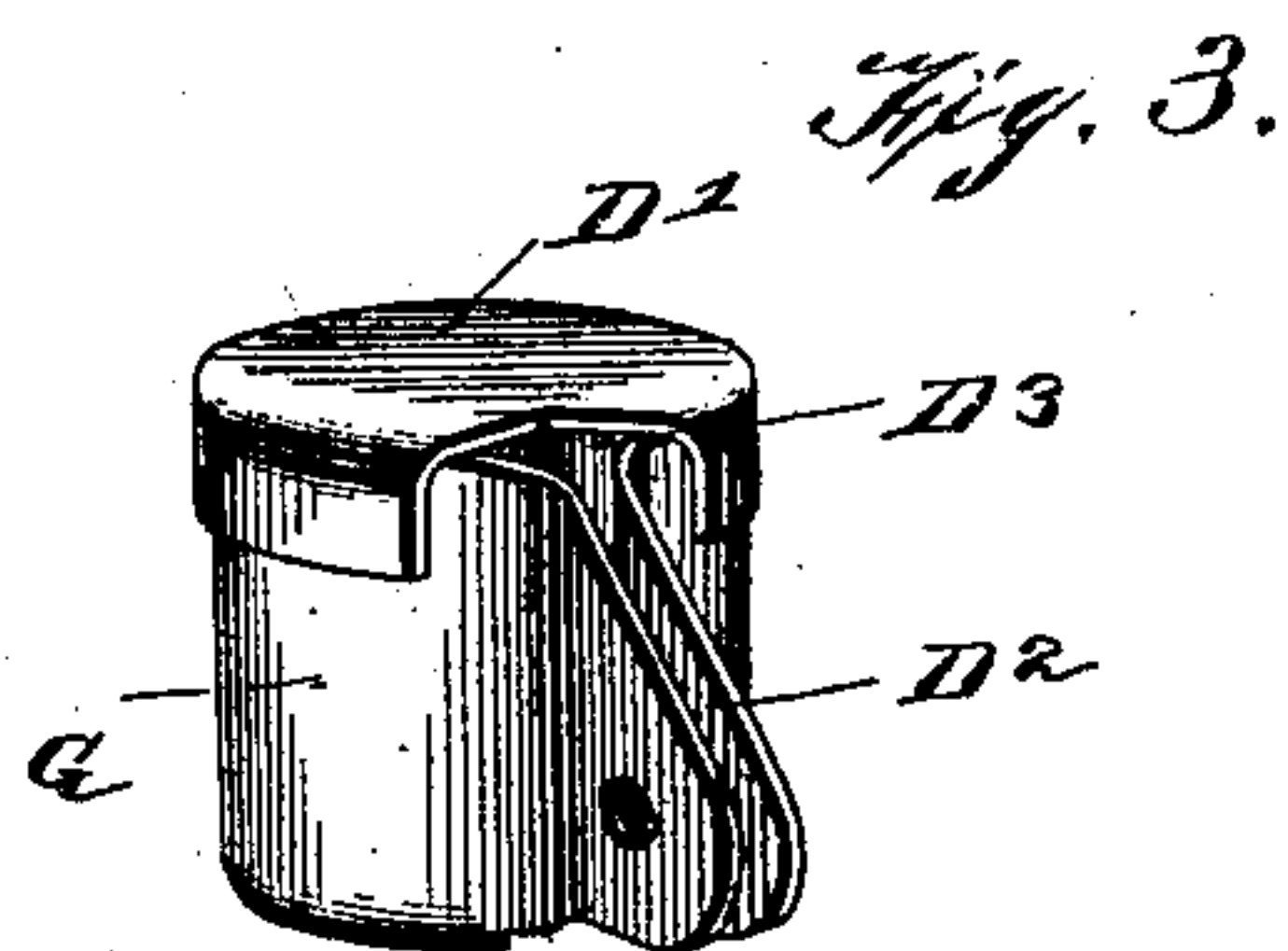
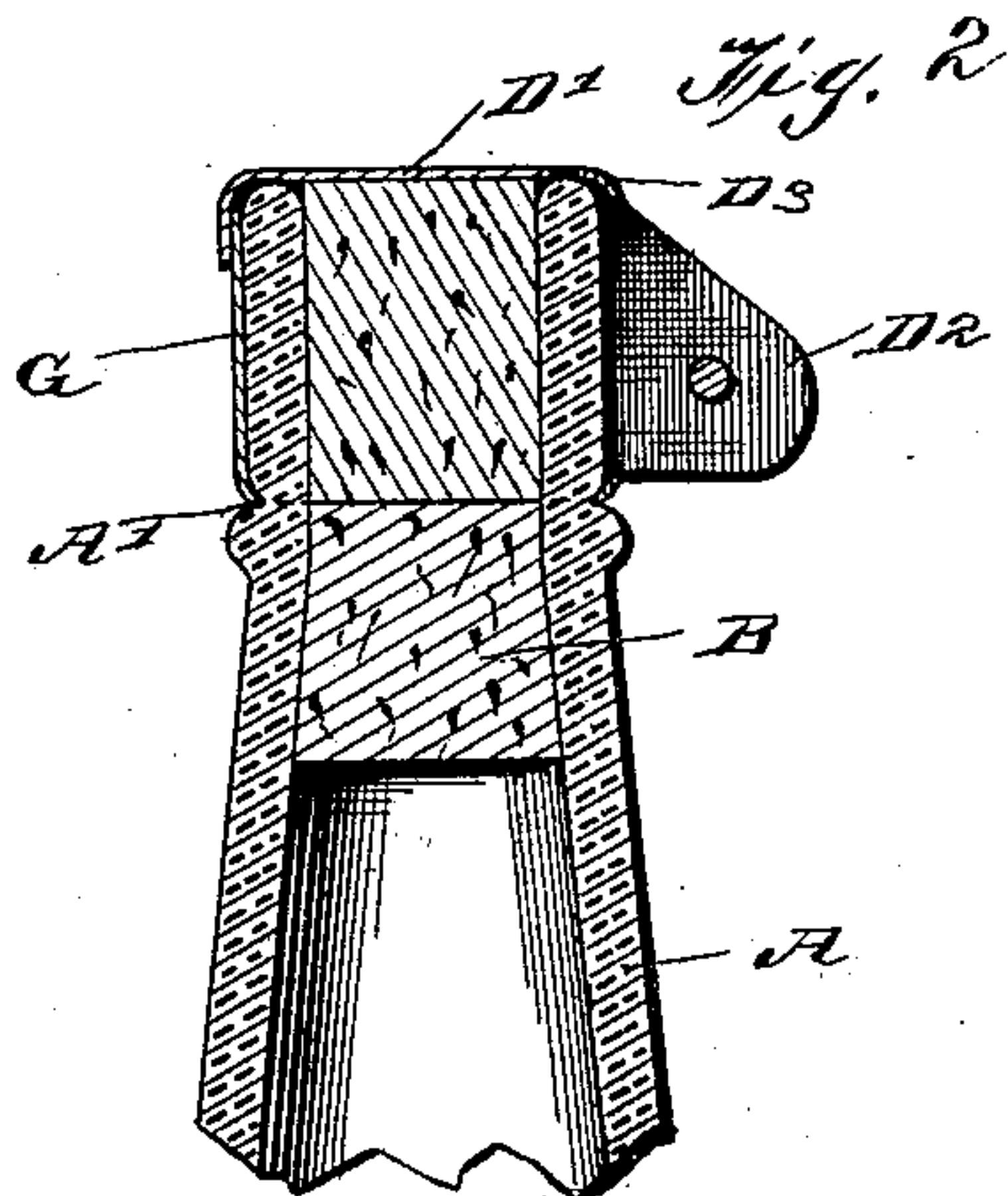
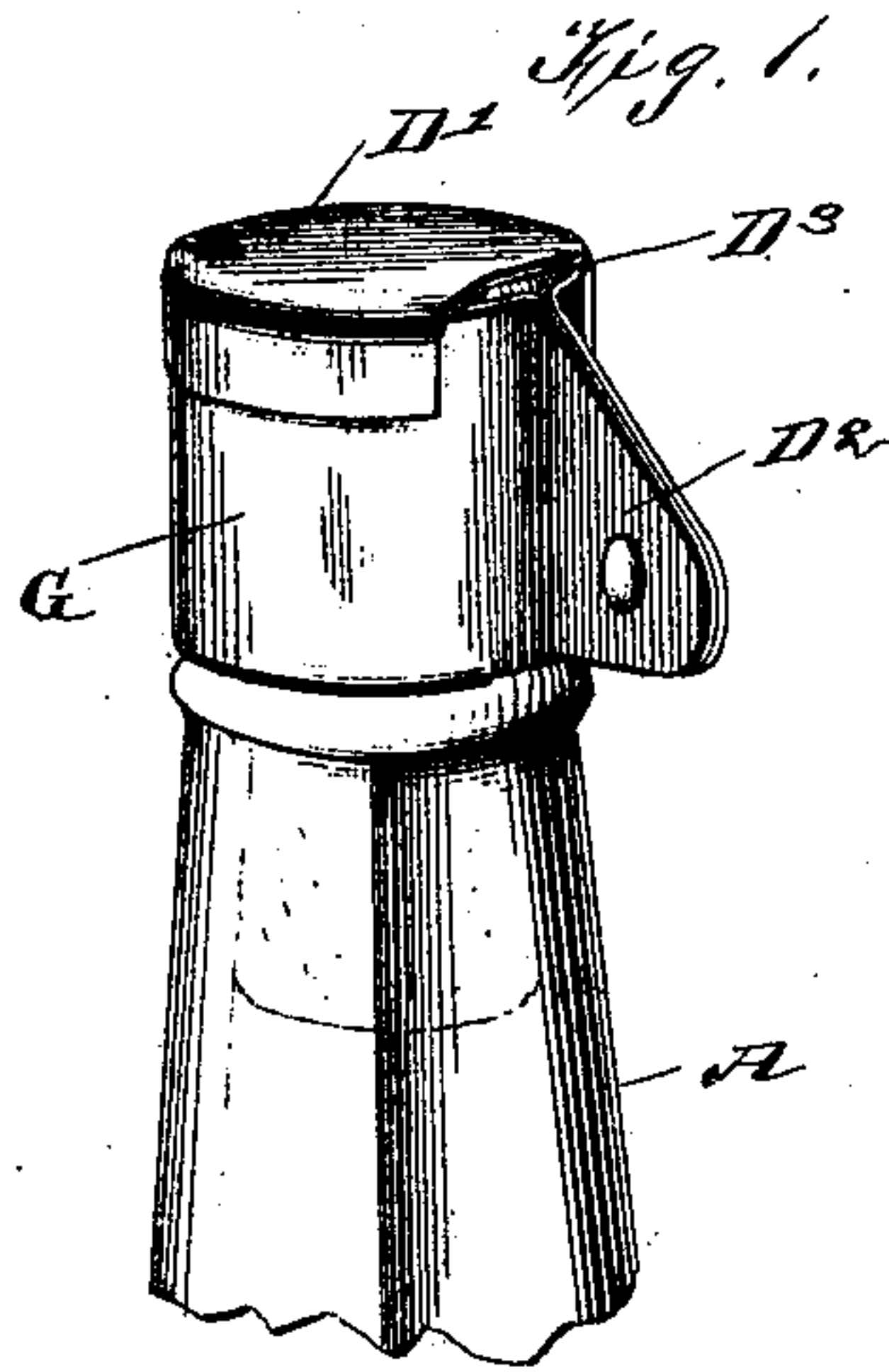
No. 644,056.

Patented Feb. 27, 1900.

T. P. CARAHER.
NON-REFILLABLE BOTTLE.

(Application filed June 29, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS P. CARAHER, OF CAIRO, ILLINOIS.

NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 644,056, dated February 27, 1900.

Application filed June 29, 1899. Serial No. 722,263. (No model.)

To all whom it may concern:

Be it known that I, THOMAS P. CARAHER, a citizen of the United States, residing at Cairo, in the county of Alexander and State of Illinois, have invented a new and useful Non-Refillable Bottle, of which the following is a full, clear, and exact description.

This invention relates generally to non-refillable bottles and is more in the nature of a cap to be fastened upon the neck of a bottle, that portion of the neck contained within the cap being adapted to be broken from the main portion of the neck whenever it is desired to empty the bottle, two corks being employed, one above and the other below the break-line, in order to prevent spilling.

The object of the invention is obviously to prevent the same bottle being used a second time for the same purpose without detection; and this object I accomplish by means of the construction hereinafter fully described, and pointed out in the claim.

In the drawings forming part of this specification, Figure 1 is a perspective view of the neck of the bottle provided with my invention. Fig. 2 is a vertical sectional view, and Fig. 3 is a detail perspective view of the cap.

In carrying out my invention I construct the neck A of the bottle with an exterior groove A', adapted to the upper end, and thereby weakening the neck of the bottle at that point. The lower cork B is inserted in the neck of the bottle and forced down below the groove A', while the upper cork fills the upper portion of the neck. A metallic cap G is adapted to fit upon the top portion of the neck above the groove A', the lower edges of said cap being turned inwardly to fit into the groove A'. The top plate D' may be secured to the body portion of the cap in any desir-

able manner, said body portion being open at one side and provided with outwardly-projecting ears D². The cap being split or divided can be readily sprung over the upper end of the neck of the bottle, and the cap-plate is cut away, as shown at D³, in order to permit a limited expansion of the cap. After the cap has been placed upon the neck of the bottle the ears are securely fastened together by means of a suitable rivet E, thereby securely locking the cap upon the neck of the bottle.

In order to open the bottle, the top portion of the neck is broken off at the line of the groove, and the neck and upper cork will remain within the cap, while the lower cap will remain in the neck of the bottle and will prevent spilling of the liquid, and will also prevent any particle of glass getting into the bottle. This lower cork will of course be extracted by means of an ordinary corkscrew.

It will thus be seen that I provide a simple device that can be quickly and easily adapted to the bottle and which will prevent said bottle being opened and used again for the same purpose.

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

In a non-refillable bottle, the combination with the grooved neck of the upper and lower corks, metallic cap divided or split, and having outwardly-projecting ears, adapted to be fastened together, and the top piece cut away at the division of the body portion, substantially as and for the purpose described.

THOMAS P. CARAHER.

Witnesses:

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