

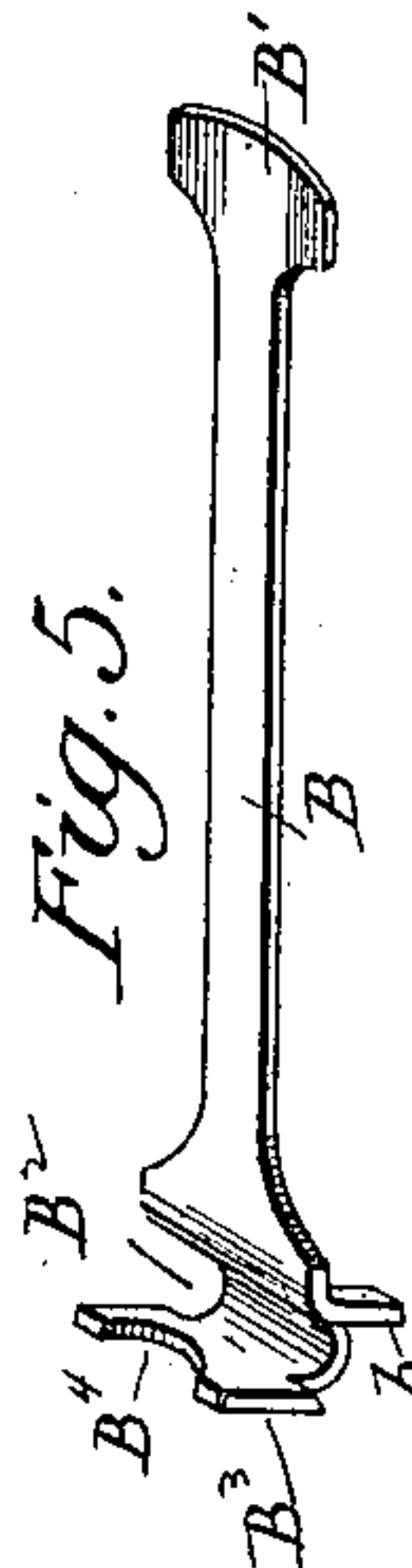
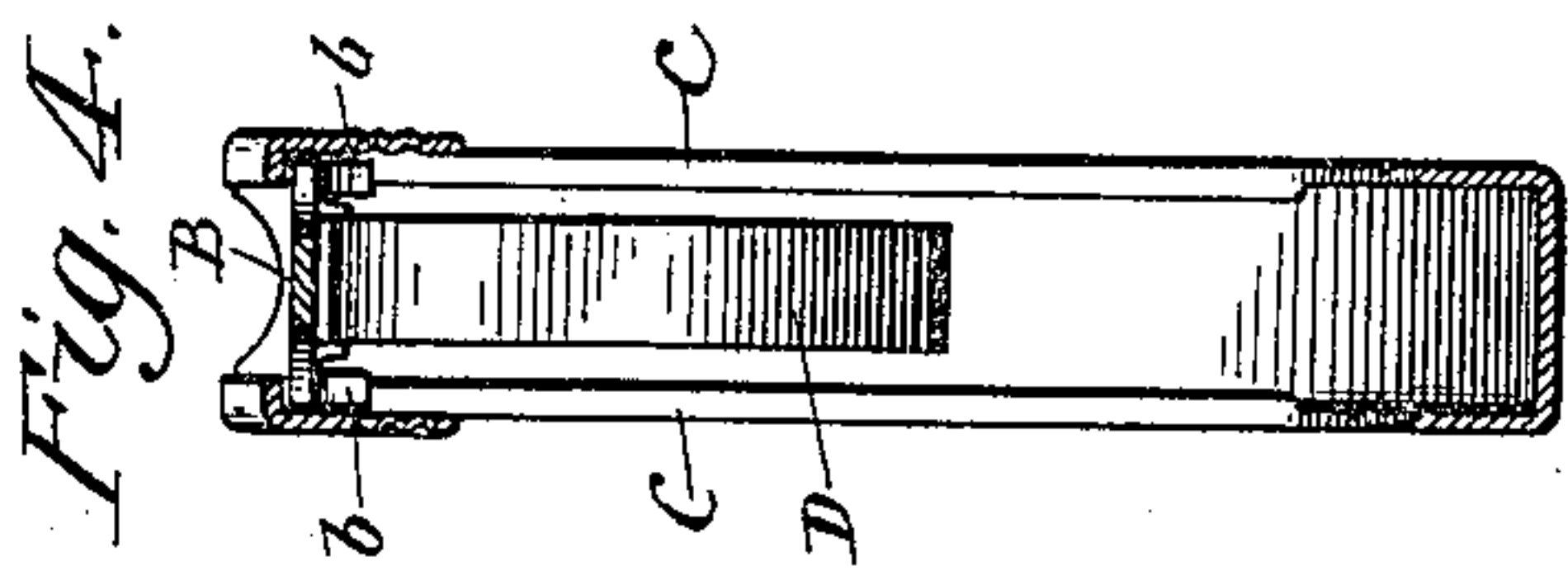
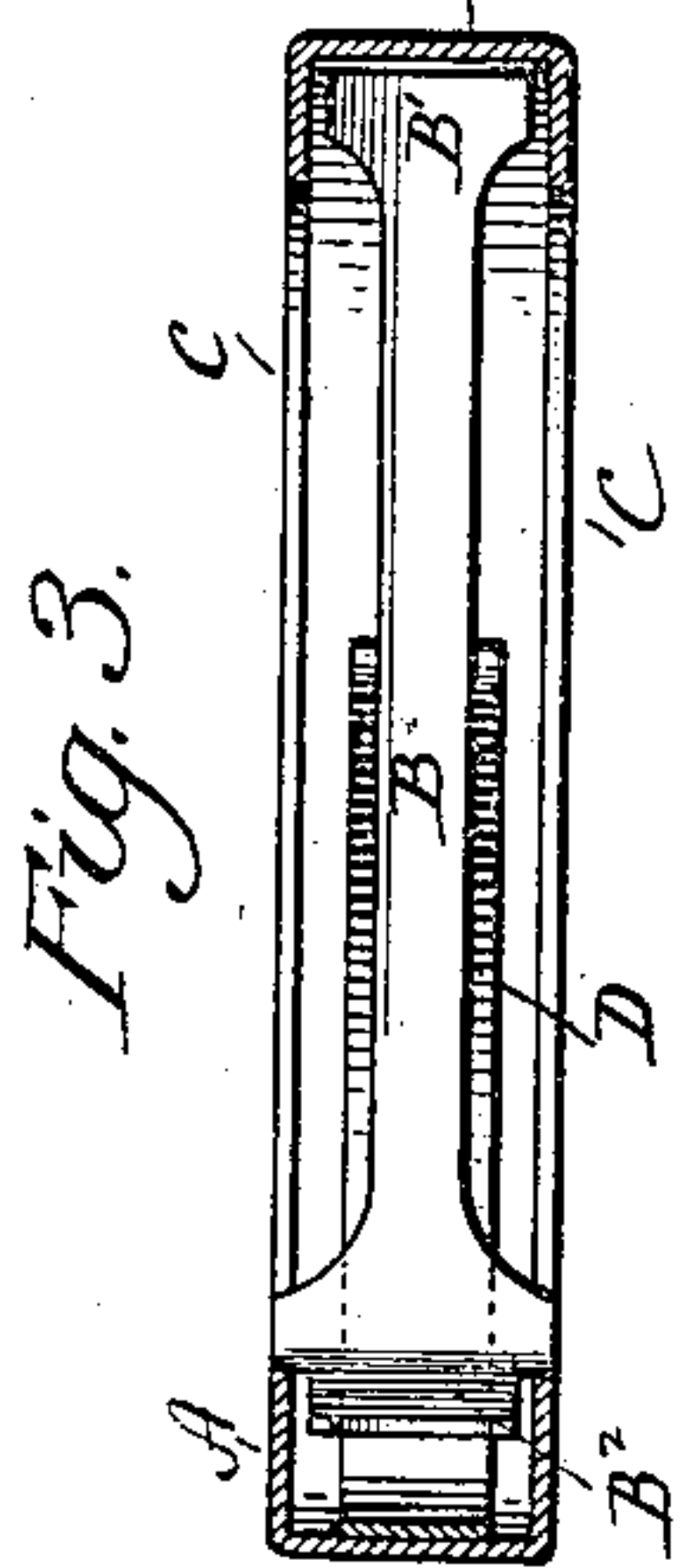
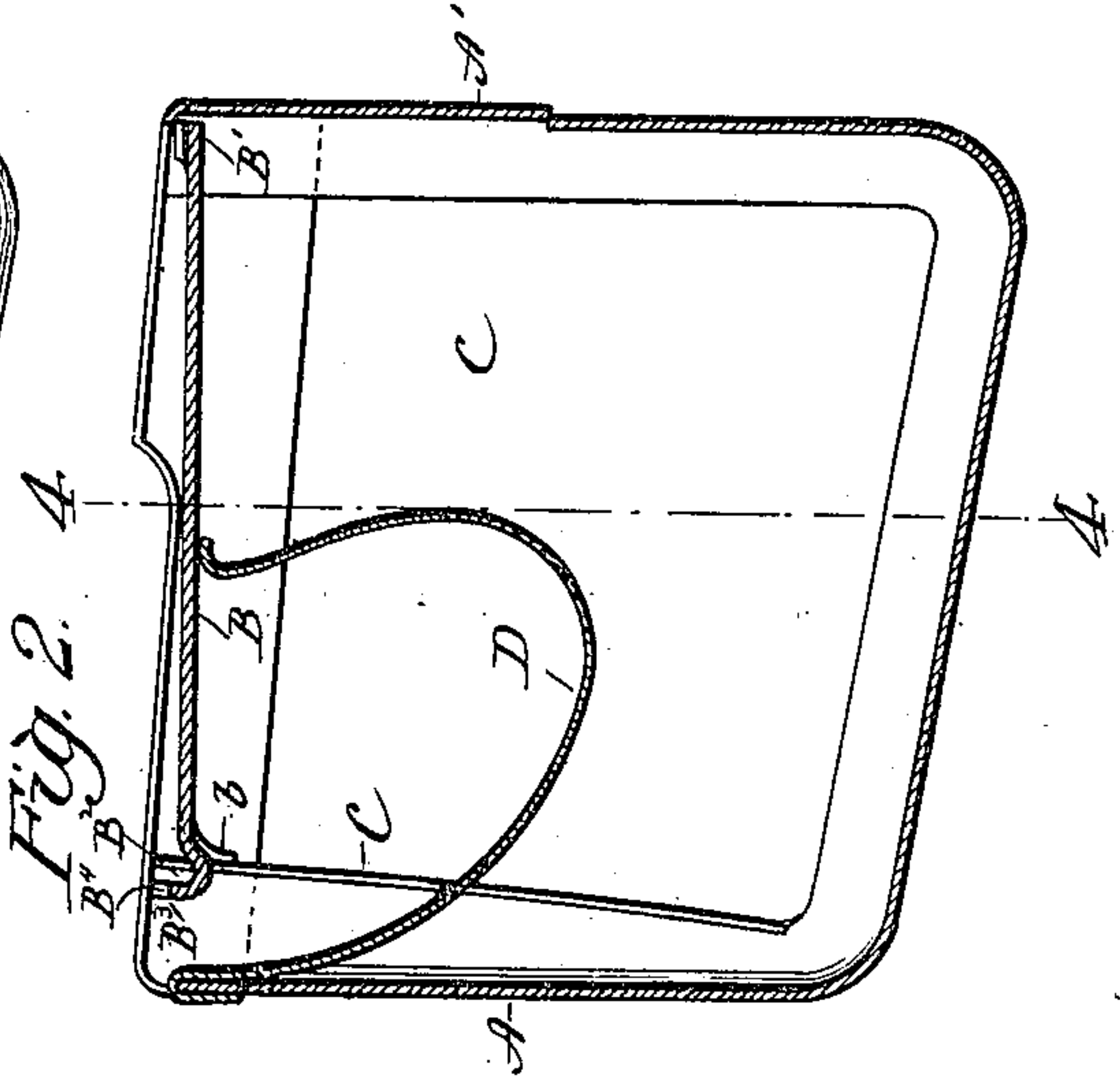
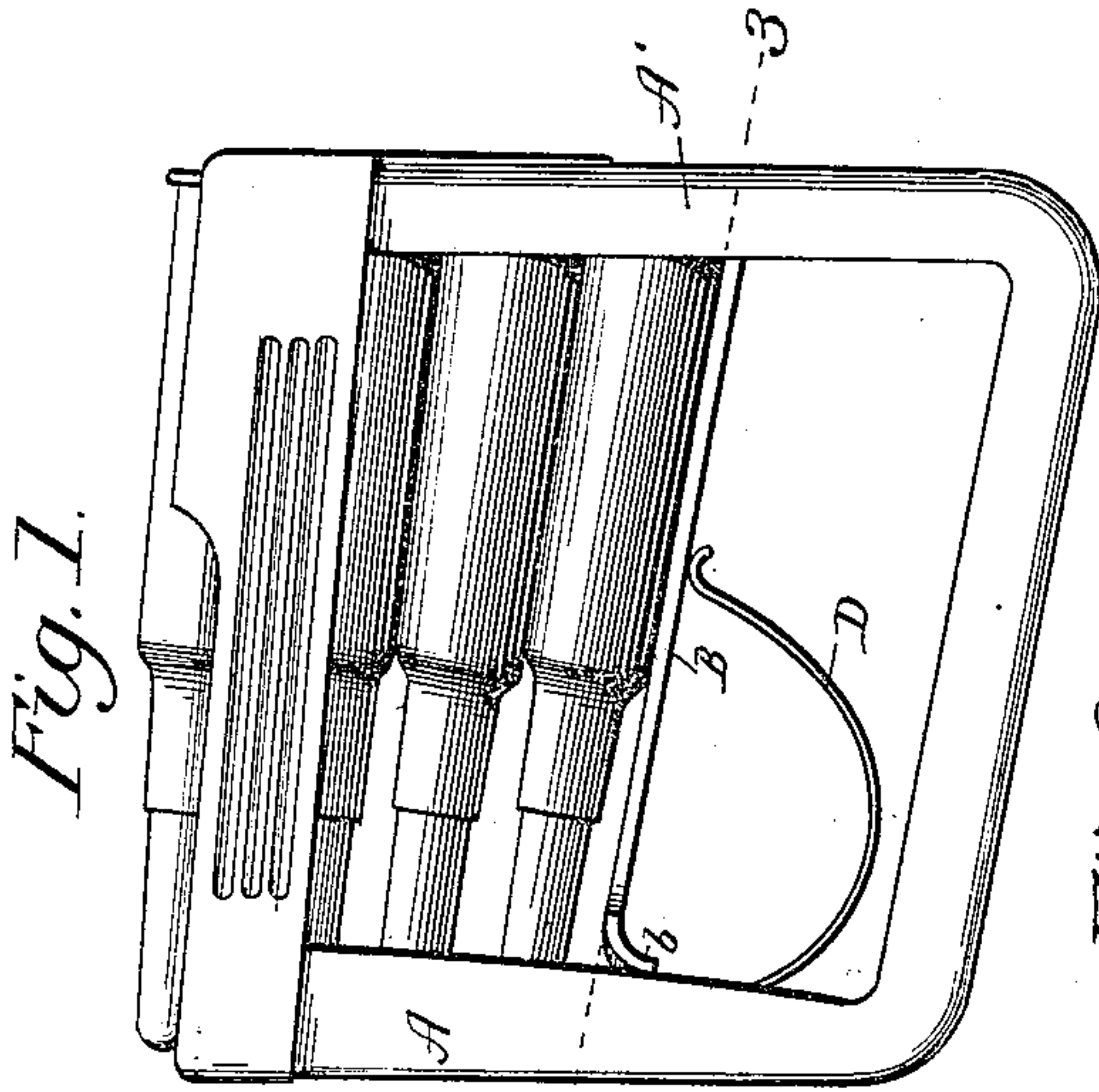
No. 627,824.

Patented June 27, 1899.

J. P. LEE.
GUN MAGAZINE.

(Application filed Oct. 18, 1897.)

(No Model.)



Witnesses.

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UNITED STATES PATENT OFFICE.

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GUN-MAGAZINE.

SPECIFICATION forming part of Letters Patent No. 627,824, dated June 27, 1899.

Application filed October 18, 1897. Serial No. 655,503. (No model.)

To all whom it may concern:

Be it known that I, JAMES PARIS LEE, of Hartford, in the county of Hartford and State of Connecticut, have invented a new Improve-
5 ment in Cartridge-Packets; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same,
10 and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in side elevation of a cartridge-packet constructed in accordance with my invention; Fig. 2, a view thereof in vertical longitudinal section; Fig. 3, a view of the packet in horizontal section on the line 3 3 of Fig. 1; Fig. 4, a view of the packet in vertical section on the line 4 4 of Fig. 2; Fig. 5, a detached perspective view of the carrier.

20 My invention relates to an improvement in cartridge-packets for firearms of the box-magazine type, in which charges of cartridges are superposed one above the other instead of being arranged in line or end to end, the
25 object being to produce a simple and effective packet constructed with particular reference to feeding the cartridges in right position from the packet.

30 With these ends in view my invention consists in a cartridge-packet having certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claim.

In carrying out my invention as herein
35 shown I employ a packet open at the top, closed at the bottom and at its rear and forward ends, and having its sides cut away so as to virtually form at the forward end of the packet a bullet-hold A and at the rear end of the packet a cartridge-head hold A'. With-
40 in the packet I locate a follower-like carrier B, provided at its rear end with a T-shaped slightly-concaved enlarged guide B', which extends rearward into the cartridge-head
45 hold A' of the packet, and at its forward end with a guide B², which extends forward into the bullet-hold A of the packet, the said guide B² being shaped to form two depending equalizing-fingers b b, constructed
50 and arranged to trail over slightly-curved

cam-surfaces C C formed upon the rear edges of the bullet-hold A of the packet, as well shown in the drawings. The extreme forward end of the guide B² consists of an arm B³, the upper end of which is arranged vertically and shaped to form a bullet-rest B⁴, which is about in the plane of the upper surface of the carrier itself. It will be understood that the arm B³ extends between and forward of the cam-surfaces C C, upon which
60 the fingers b b trail. The said carrier, with its guide B inserted into the cartridge-head hold A' of the packet and with its forward guide B² entered into the bullet-hold A of the packet, is raised in the packet for lifting the
65 cartridges therein by means of a spring D, which is engaged with its lower face about midway the length thereof, the spring being secured by its forward end to the upper end of the bullet-hold of the packet, as seen in
70 Fig. 4.

It will be understood that as the carrier is pushed upward by means of the spring its fingers b b travel over the cam-surfaces C C, whereby it is maintained in right position
75 throughout the length of its upward excursion, so that as the cartridges are lifted they are brought into right position one by one for being fed out of the open upper end of the packet. Furthermore, if the rear end of
80 the carrier is pressed down either directly or through the medium of cartridges resting upon it, its downward movement will be blocked by the cramping of its fingers b b upon the cam-surfaces C C. On the other
85 hand, if the forward end of the carrier is pressed downward either directly or through the medium of interposed cartridges the said fingers will not be clamped, but permit the downward movement of the carrier.
90

It is apparent that in carrying out my invention some changes from the construction herein shown and described may be made, and I would therefore have it understood that I do not limit myself to such construction,
95 but hold myself at liberty to make such alterations therefrom as fairly fall within the spirit and scope of my invention.

I am aware, however, that it is old to provide a cartridge-packet with cam-surfaces for
100

the equalizing of the upward movement of a spring-lifted carrier formed with fingers which coact with the said surfaces as the carrier is lifted by the spring. I am also aware
5 that it is old to form a cartridge-pocket with a bullet-hold at its forward end and a head-hold at its rear end and so as to be open or partially open between the rear edges of the bullet-hold and the forward edges of the
10 head-hold. I do not therefore claim either of these constructions broadly.

I am further aware that it is old to form the forward end of a spring-lifted carrier with a bullet-rest and do not claim such a construction
15 broadly.

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

The combination with a skeleton cartridge-
20 packet formed at its rear end with a cartridge-head hold, and at its forward end with a cartridge-bullet hold the rear edges of which are

formed with long cam-surfaces, of a carrier located within the said packet, and provided at its rear end with a T-shaped guide which
25 extends into the said cartridge-head hold, and at its forward end with a guide which extends forward into the cartridge-bullet hold and which is furnished with two depending equalizing-fingers constructed and arranged
30 to trail over the said cam-surfaces, and the said carrier being also formed with a forwardly-projecting arm extending between said cam-surfaces into the bullet-hold and constituting a bullet-rest; and a spring coacting with the
35 said carrier to lift it within the said packet.

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

JAMES PARIS LEE.

Witnesses:

GEORGE M. LEE,

JOHN T. ROBINSON.