

No. 884,301.

PATENTED APR. 7, 1908.

S. STEWART.
BOX OPENER.

APPLICATION FILED MAY 16, 1907.

Fig. 1.

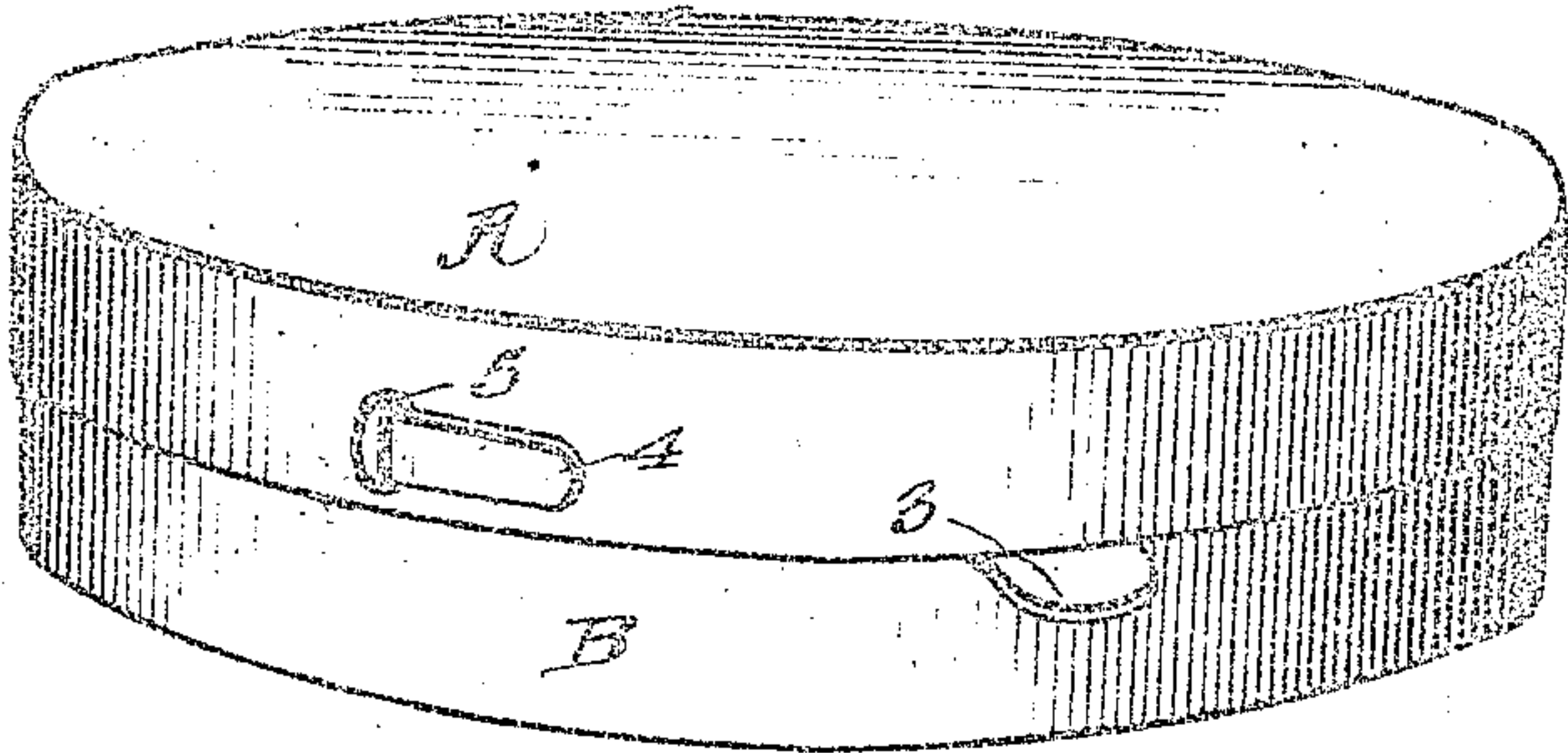


Fig. 2.

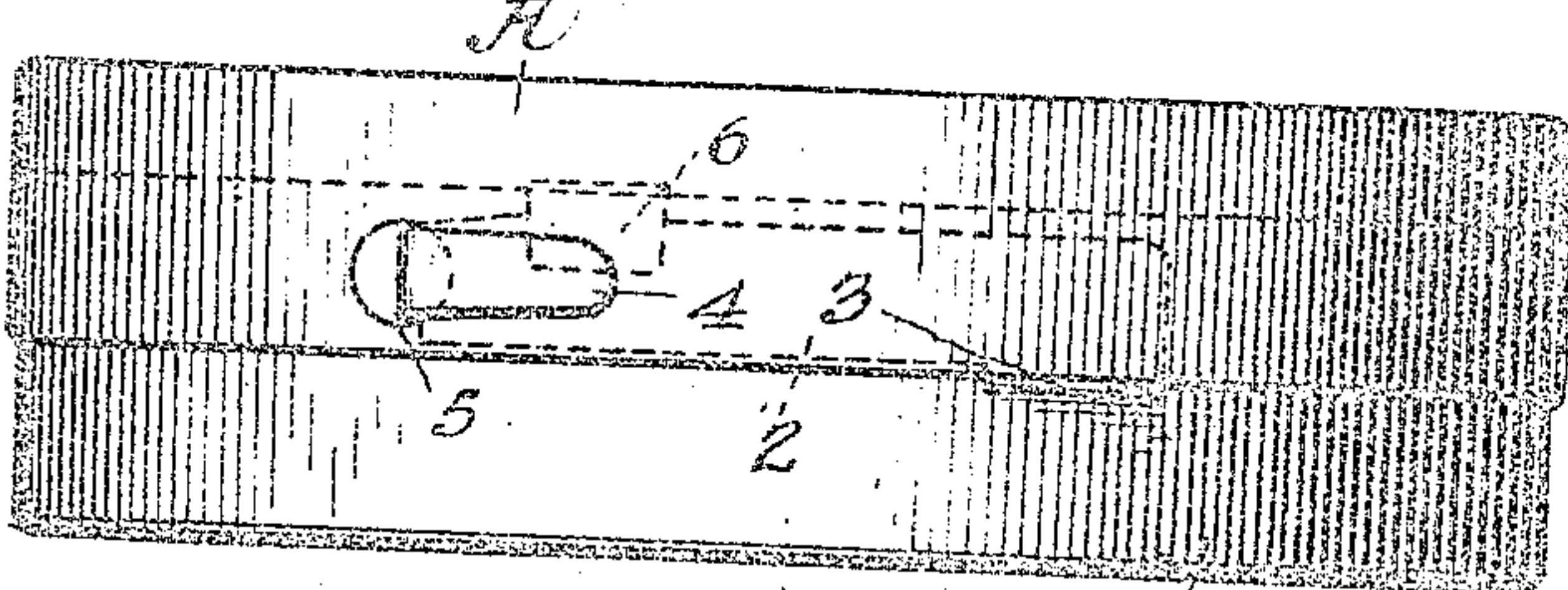


Fig. 3.

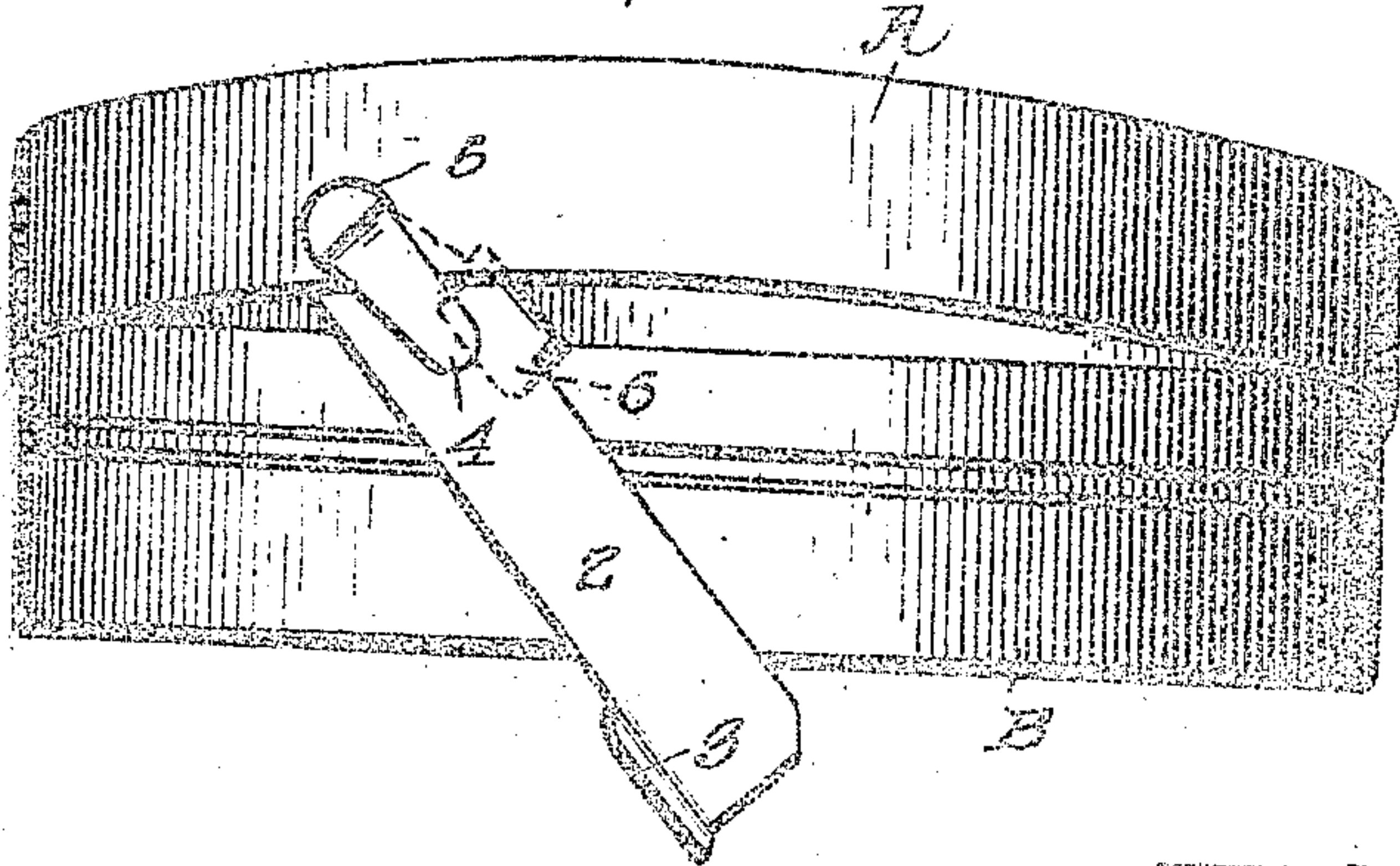
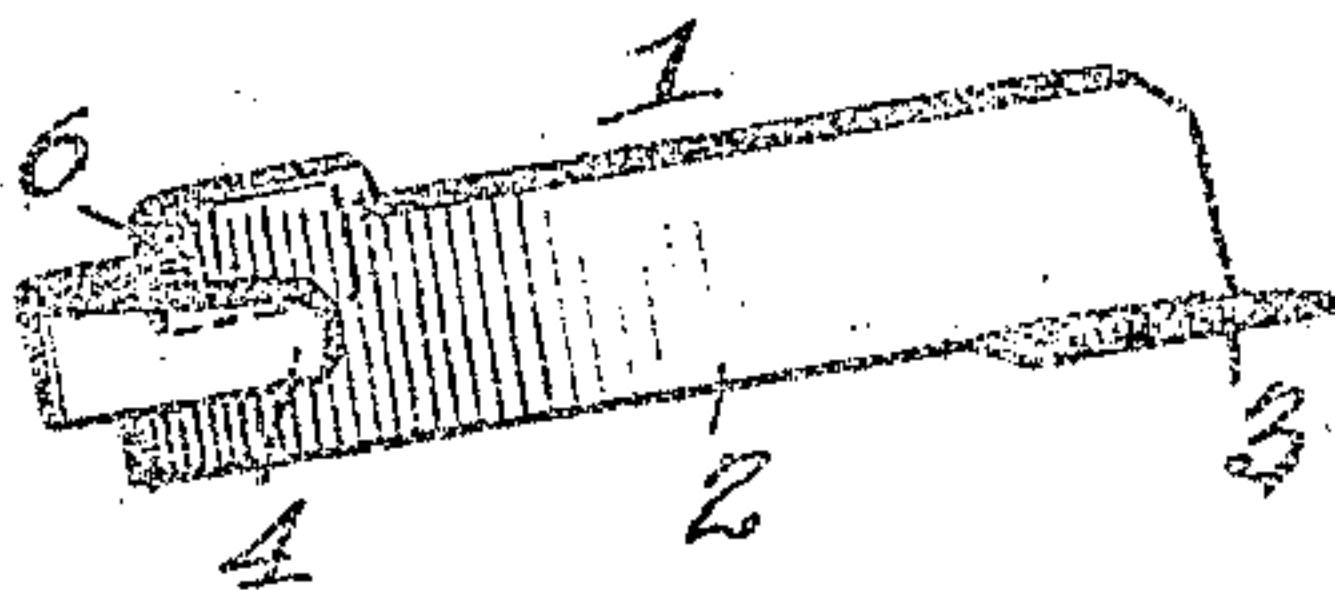


Fig. 4.



WITNESSES.

[Signature]

Myron E. Clear

BY

INVENTOR

Sam Stewart

R. L. Parker

Attorney

UNITED STATES PATENT OFFICE.

SCOTT STEWART, OF FAIRMONT, WEST VIRGINIA, ASSIGNOR TO ELLIS A. BILLINGSLEA,
SCOTT STEWART, ERNEST T. CRISLIP, SAMUEL J. JONES, AND MORRIS J. LANTZ, OF FAIRMONT, WEST VIRGINIA.

BOX-OPENER.

No. 884,301.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed May 16, 1907. Serial No. 373,957.

To all whom it may concern:

Be it known that I, SCOTT STEWART, a citizen of the United States, residing at Fairmont, in the county of Marion and State of West Virginia, have invented certain new and useful Improvements in Box-Openers, of which the following is a specification.

My invention relates to box openers, and particularly contemplates the provision of a simple and inexpensive device to be carried with and form part of a box to be used for raising the lid in case the same becomes stuck.

My invention further resides in the features of construction, arrangement and operation as will be hereinafter described with reference to the accompanying drawings in which like numerals are used to designate like parts throughout the several figures, and in which,

Figure 1 is a perspective view of a box provided with my improvement, Fig. 2 is an elevation of the box in the closed position, illustrating my improvements, Fig. 3 is a similar view showing the box after being opened, and Fig. 4 is a perspective view of my improved box opening lever detached.

Referring to the drawings, B represents the box body, which for convenience of illustration is shown substantially circular, but which may be of any shape, and A represents the lid thereof.

In the practical embodiment of my invention I provide a lever 1, comprising a flattened elongated plate 2, adapted to fit within the lid A of the box and to lie between said lid and the box body B, and provided with an angular handle piece 3 extending at substantially right angles therefrom, and projecting outwardly from beneath said lid A. The plate 2 is attached to and carried by the lid A of the box by means of its tongue 4, folded back thereon, and adapted to be engaged through an opening 5 in said lid A. The lever 1 further comprises an engaging lip 6, folded back upon the plate 2 at the upper edge thereof adjacent the tongue 4,

and on the reverse side of said plate 2 from said tongue. As shown, the lip 6 is adapted to engage the edge of the box body B when the lid is forced thereon.

The operation of my device is as follows, it being supposed that the box and its lid have been assembled as shown in Fig. 2: To open the box, the operator presses downwardly upon the handle piece 3, thus swinging the lever down on its pivot upon the inner face of the box lid A, and slidably pressing the lip 6 downwardly against the edge of the box body B, as an intermediate pivot, thereby forcing the lid upward and away from said body, as shown in Fig. 3.

Having thus fully described my invention I claim:

1. The combination with a box body and its lid, of a lever adapted to be permanently carried therebetween, provided intermediate its ends with a portion extending downwardly over the edge of said box body forming a pivot with said lever, said lever being pivotally secured at one end upon the inner face of said lid, and having a suitable handle piece at its opposite end extending outwardly, beneath and beyond said lid, substantially as described.

2. The combination with a box body and its lid provided with an opening in the flange thereof, of a lever adapted to be permanently carried therebetween, provided intermediate its ends with a portion extending downwardly over the edge of said box body and forming a pivot for said lever, said lever being provided with an extending tongue at one end adapted to be bent rearwardly through said opening in the flange of the lid, and having a suitable handle at its opposite end extending outwardly, beneath and beyond the edge of said lid, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SCOTT STEWART.

Witnesses:

C. R. BURGOYNE,
SAMUEL E. JONES.