

No. 616,304.

Patented Dec. 20, 1898.

M. FALK.
COVER AND CUTTING TOOL.

(Application filed Jan. 11, 1898.)

(No Model.)

FIG. 1.

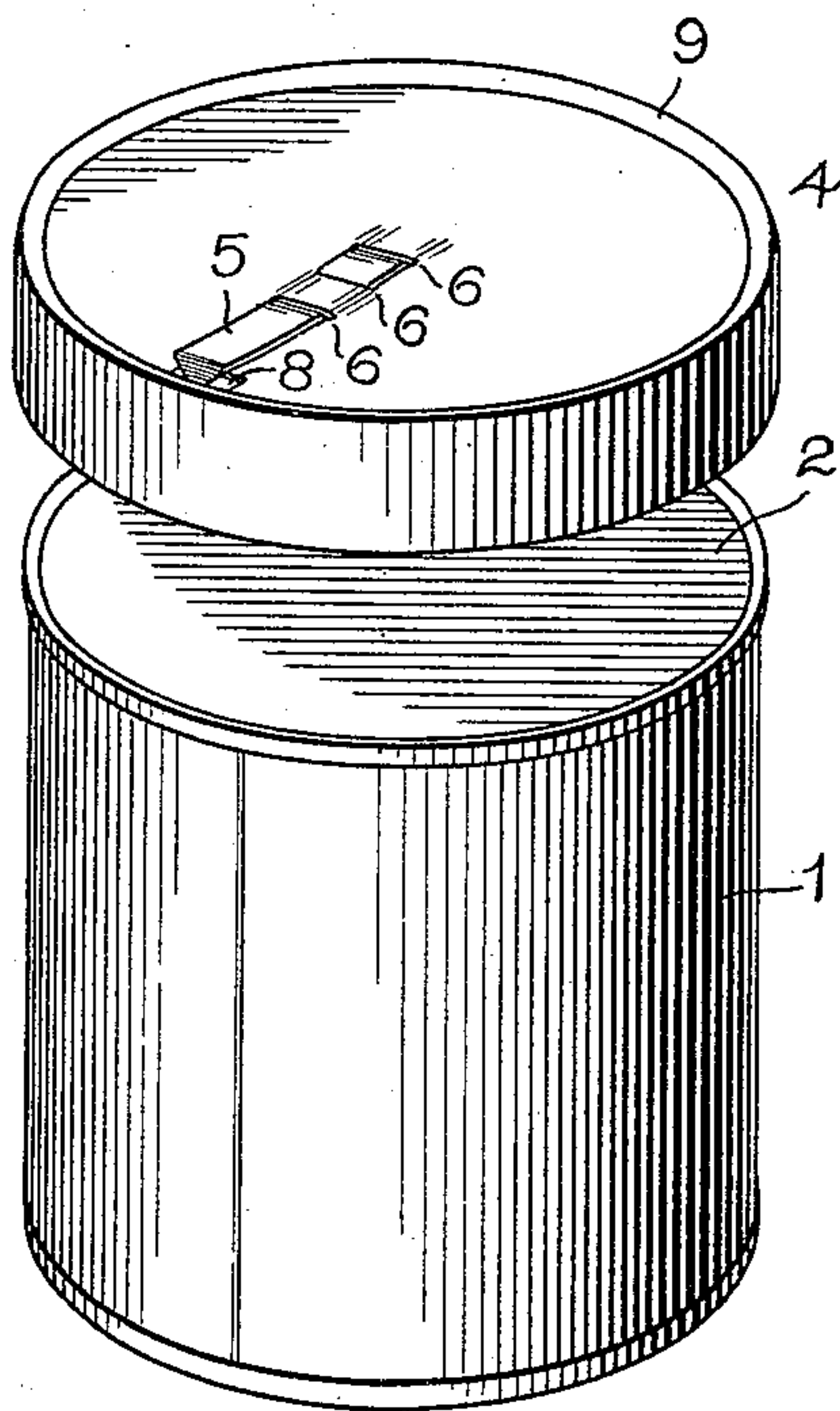


FIG. 2.

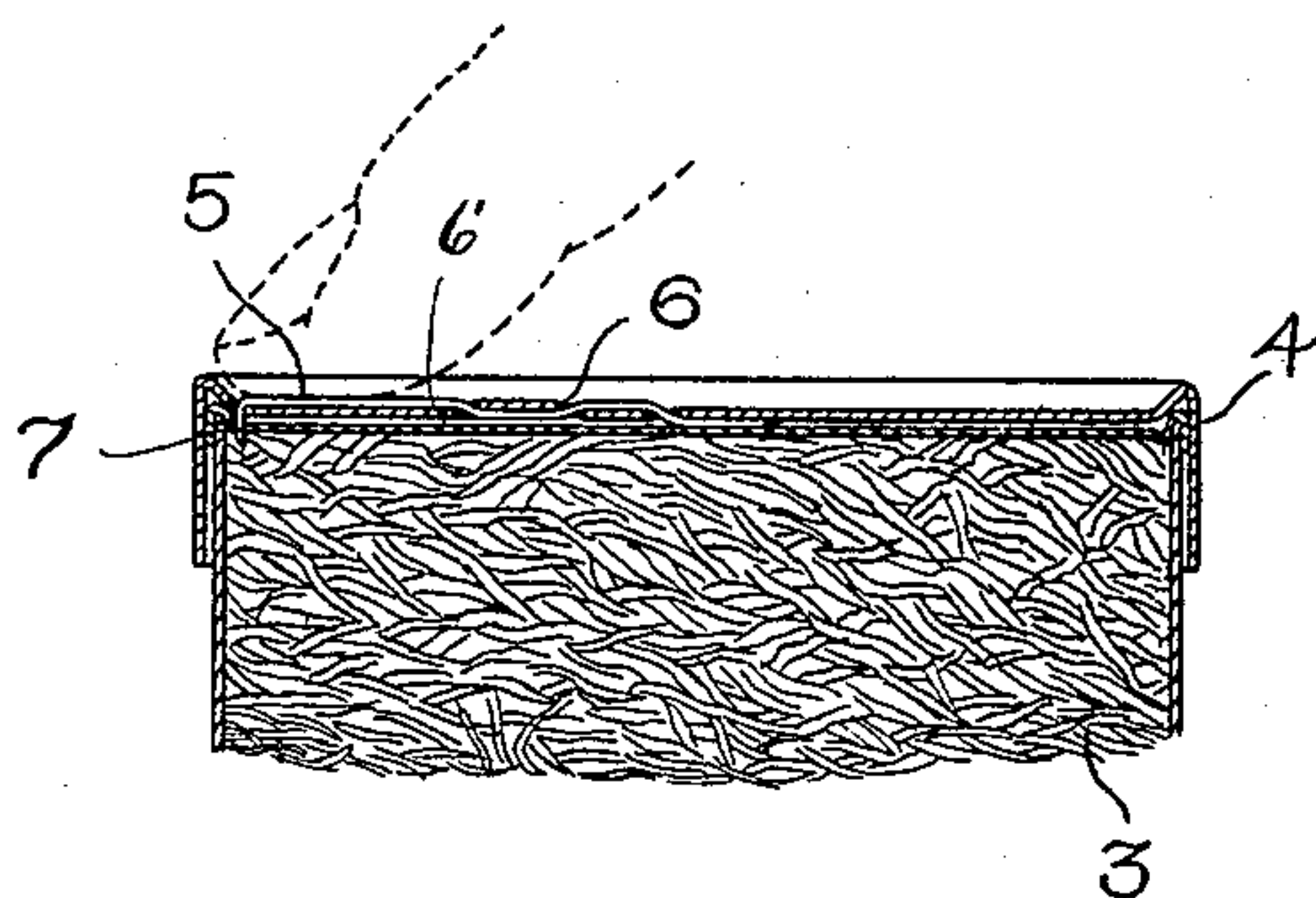


FIG. 3.

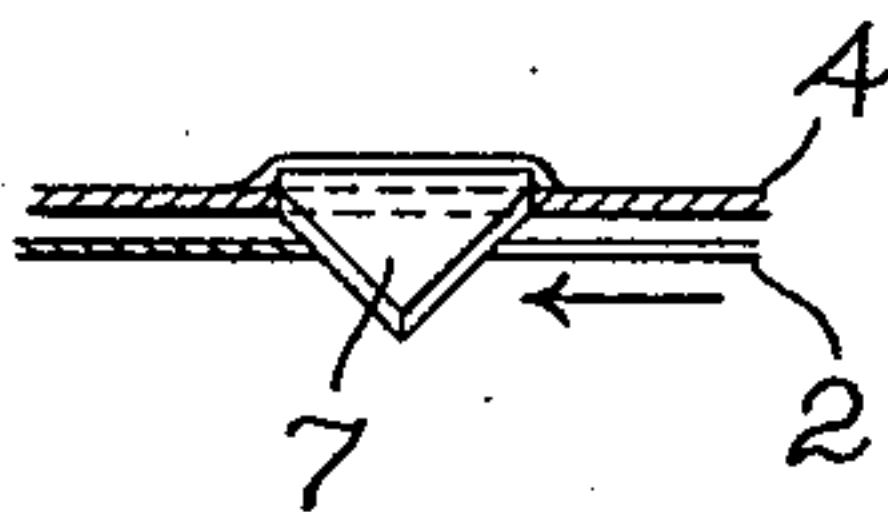
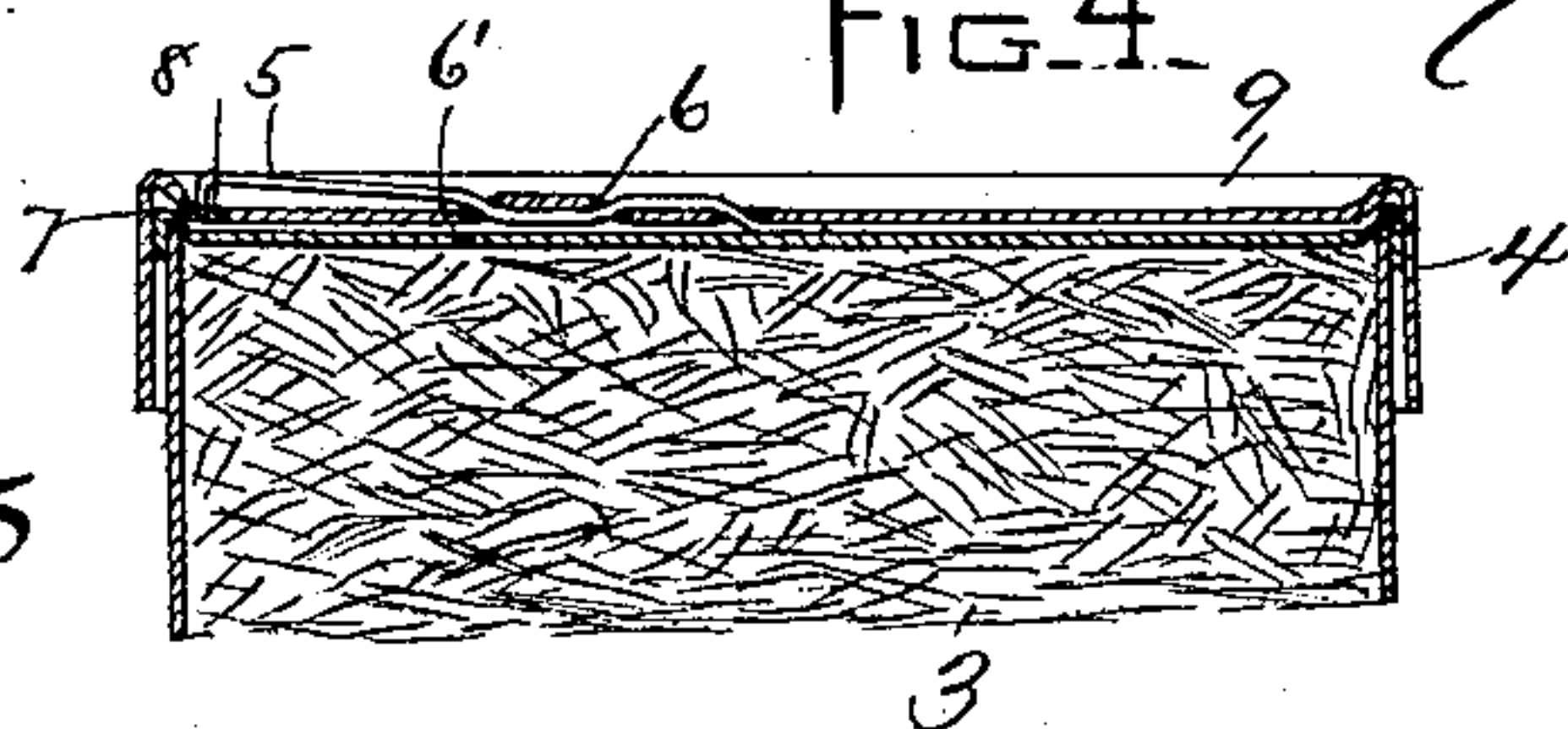


FIG. 4.



WITNESSES.

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COVER AND CUTTING-TOOL.

SPECIFICATION forming part of Letters Patent No. 616,304, dated December 20, 1898.

Application filed January 11, 1898. Serial No. 666,279. (No model.)

To all whom it may concern:

Be it known that I, MOSES FALK, a citizen of the United States, and a resident of the city, county, and State of New York, have invented a certain new and useful Cover and Cutting-Tool, of which the following is a specification.

This invention relates to storage packages or receptacles, such as sealed cans, containing perishable goods, food products, or other goods where the end or head of the receptacle has to be cut open to remove the contents. A tool or knife for this purpose is not always conveniently at hand and where attached to the receptacle, as may be the case, is not usually effective. The receptacle also when once opened is rendered worthless for further use.

The object of this invention is to provide a sealed receptacle with an effective device for cutting open the sealed end of the can and also to enable the receptacle to be of further use after having been opened.

Referring to the accompanying drawings, Figure 1 is a view in perspective of a sealed can or receptacle and an outside cover removed, shown as provided with a cutting-tool. Fig. 2 is a view in vertical section of the top of the receptacle with outside cover applied and showing the manner of using the invention. Fig. 3 is a detail view of the sealed end of the receptacle, the outside cover applied and the cutting-tool in operative position. Fig. 4 is a detail view showing the cutting-tool secured to the removable cover.

In carrying out this invention a receptacle or can 1, having a sealed end 2 and containing some perishable substance 3, is provided with an outside or auxiliary cover 4, adapted to fit over the sealed end of the can 1. The cover 4 is provided with a cutting-tool mounted on the outside of said cover and, as here shown, so arranged as to be pushed through an opening in the cover and so bear and be pressed upon the sealed end 2 of the receptacle 1 that by either turning the cover or receptacle with one hand and holding the other with the other hand the sealed end 2 will be cut open. As shown, the cutting-tool consists of a thin strip of steel 5, secured at one end to the cover by engaging its rear end with said cover as follows: At a suitable distance adjacent to its periphery the cover 4 is provided with a number of slits 6. The strip of

steel 5 is formed with its forward portion at an angle with its rear portion, and the cutting-tool is removably secured to the cover 4 by pushing its rear portion through the slits 6, so that it will be interwoven with the cover 4 and held securely in place. In this position the forward portion of the strip 5 will extend from the slit 6 nearest the periphery of the cover 4, at an angle to the latter, as shown in Fig. 4, and will be sufficiently elastic to have a spring action in being pressed downward. In this movement of the forward part of the strip 5 the fulcrum will be at the point 6' or on the side of the slit 6 nearest the periphery of the cover, and the interwoven connection of the rear end of the strip 5 with the cover 4 will in the spring movement of its forward portion serve to hold the rear end of strip 5 in place. The outer or free end of the strip 5 is slightly bent up from the cover 4, so as to act as a spring, and is bent downward at its end, forming the knife or cutting portion 7, as shown in Fig. 3. The knife 7 slightly projects through a slit or opening 8 in the cover 4 and is shown as made with two tapering knife-edges, so that it can operate in either direction, though one cutting edge may be employed, if preferred, moving in the direction of the arrow, as shown in Fig. 3.

The invention is operated as follows: When it is desired to open the receptacle 1, the strip 5 is pressed and held down by the finger of one hand, as shown in dotted lines in Fig. 2, the top of the cover being held by the same hand, while the body of the receptacle is grasped in the other hand. As the cutting-tool 8 is pressed down and held against the end 2 of can 1 and the cover 4 is turned while the receptacle 1 is held stationary the knife 8 will cut a slit in the end 2 and sever it from the can.

By means of this invention a ready and effective means is provided for cutting open sealed receptacles, and after the receptacle 1 is opened it can be used further by employing the auxiliary cover. To guard against the knife 8 being pressed against the sealed end 2 by other receptacles in storage or other substances resting in the receptacle, the cover 4 may be formed with the bead 9, which will protect the strip of steel 5 from undue pressure.

By having the strip 5 secured to the cover as set forth the knife may be easily and readily removed from the cover in case it needs sharpening or becomes broken and can readily be put in place or replaced by another.

I claim—

1. A storage package or receptacle, having a sealed end, and a removable cover, the latter being provided with an aperture and slits, 10 and a removable cutting-tool, consisting of a strip of metal, having its forward end bent at a right angle, and serving as the cutter, and adapted to play through the said aperture, and its forward portion extending at an angle 15 to its rear end, and to the cover, and having a spring movement, and fulcrumed on the edge of one of said slits and its rear portion extending through said slits, and forming an interwoven connection with the cover, as set 20 forth.

2. In a storage package, a removable cover, having an aperture and slits adjacent to its periphery, and a removable cutting-tool, consisting of a strip of metal, having its forward portion elastic, and fulcrumed on the edge of 25 one of said slits and extending at an angle to its rear portion and to the cover, and its forward end bent at an angle and forming the cutter, and adapted to play through said aperture, and its rear portion extending through 30 said slits and forming an interwoven connection with the cover as set forth.

Signed at New York city, in the county of New York and State of New York, this 10th day of January, A. D. 1898.

MOSES FALK.

Witnesses:

ARTHUR FALK,
WILLIAM BONDY.