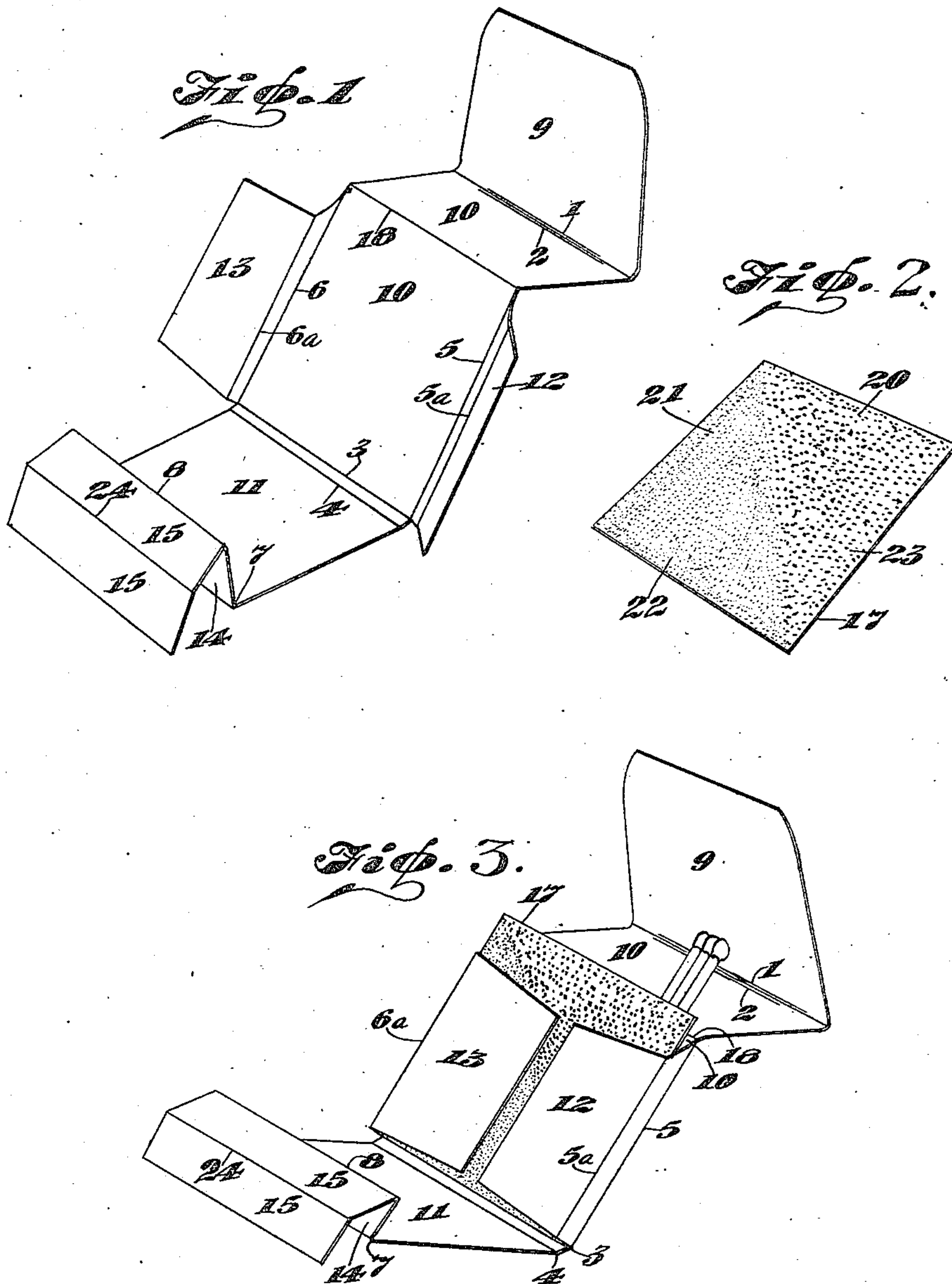


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RECEPTACLE.
APPLICATION FILED FEB. 23, 1909.

993,312.

Patented May 23, 1911.

4 SHEETS—SHEET 1.



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4 SHEETS—SHEET 2.

Fig. 4.

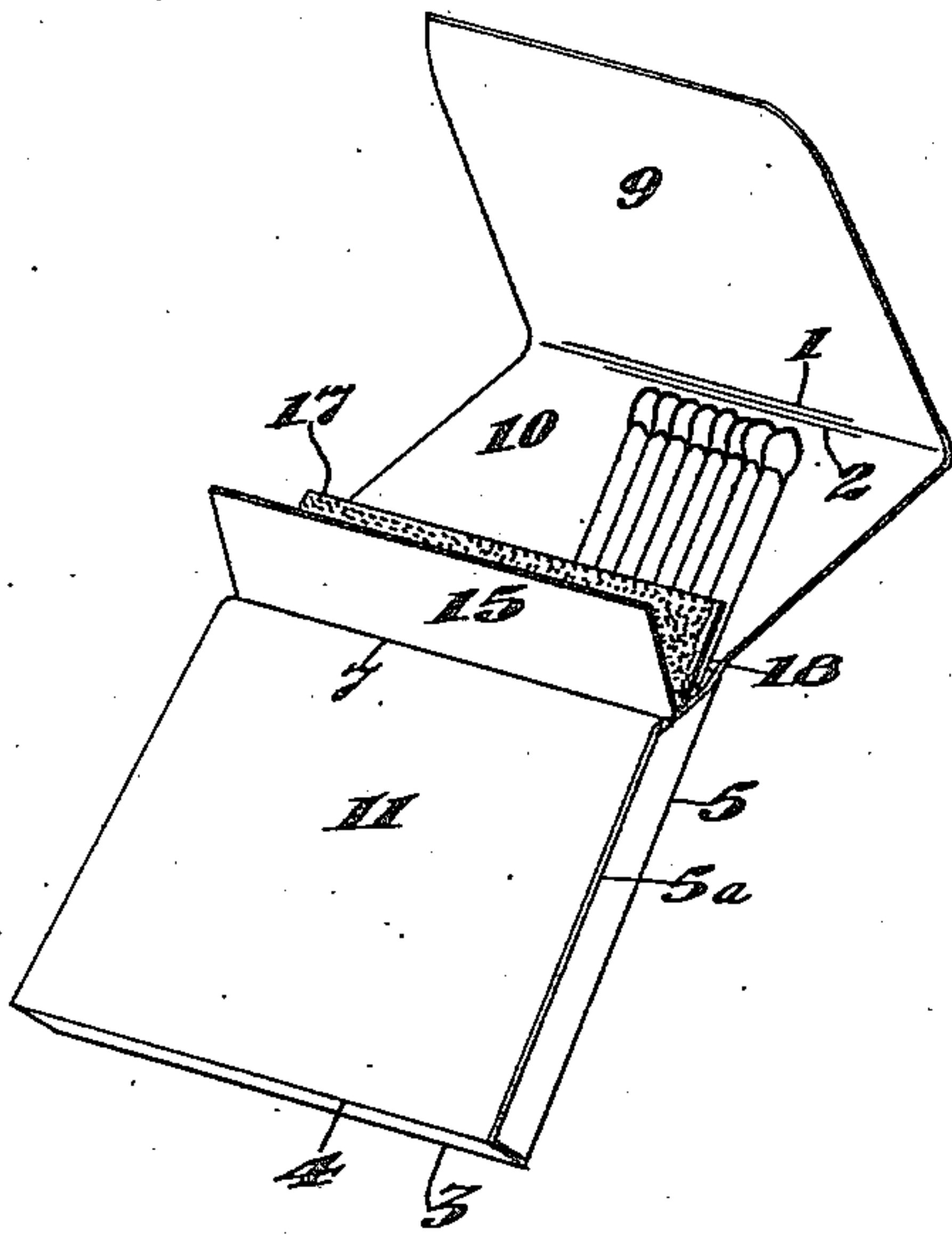
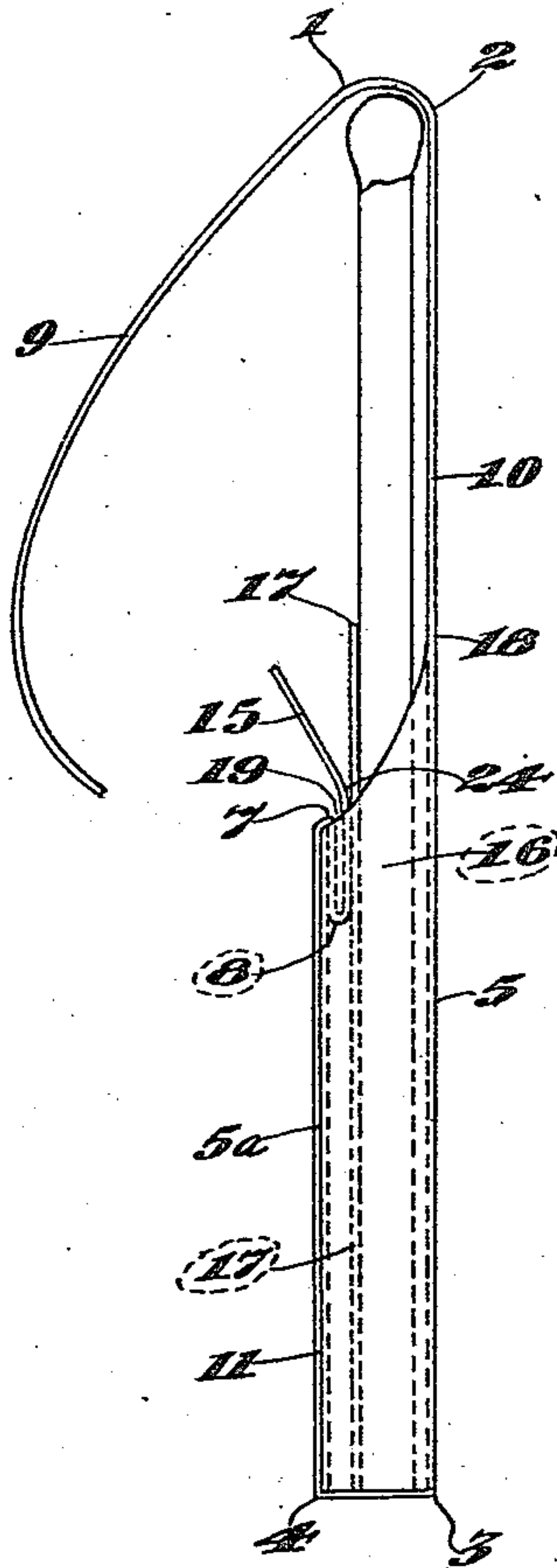


Fig. 5.



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4 SHEETS—SHEET 3.

Fig. 6.

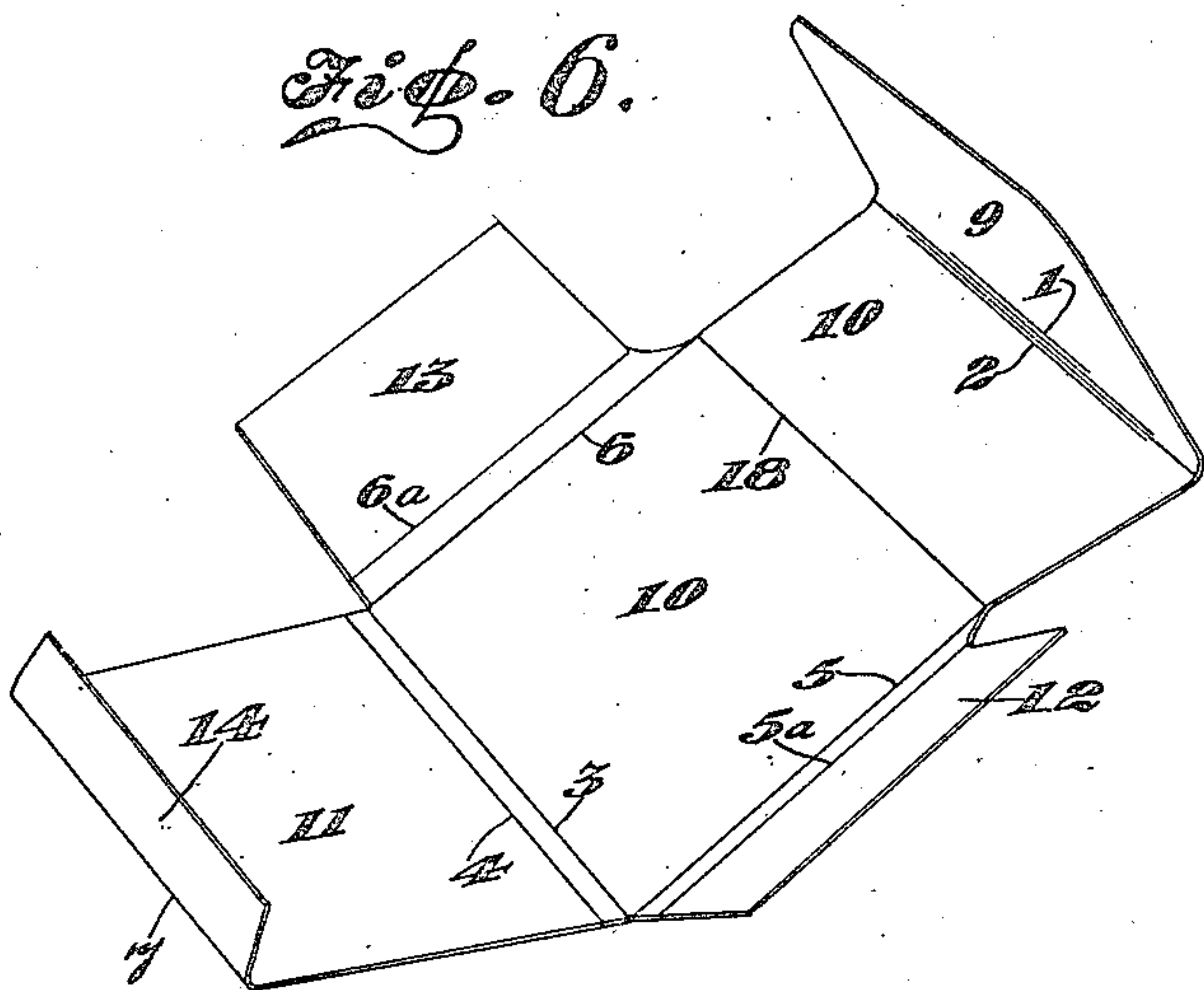


Fig. 7.

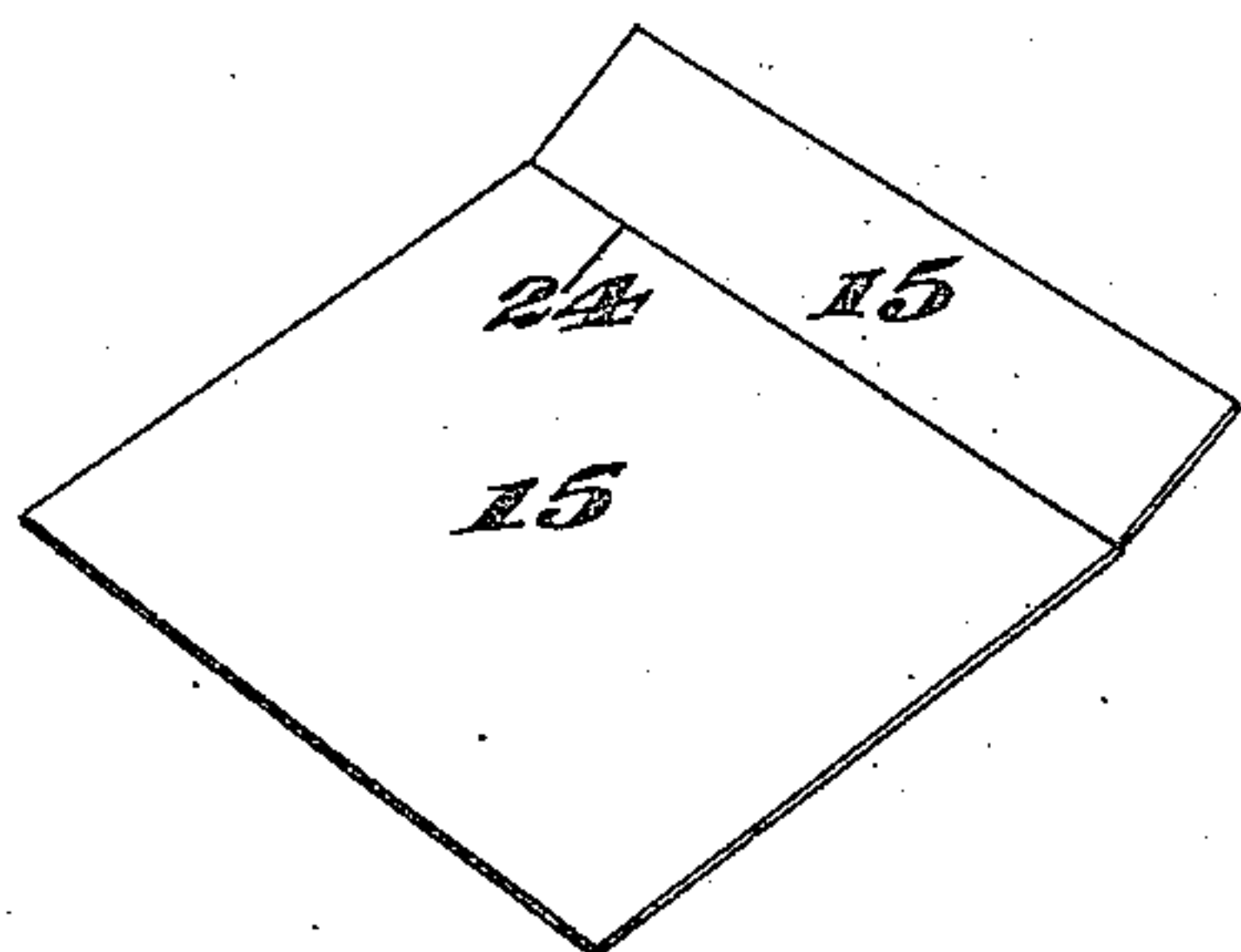
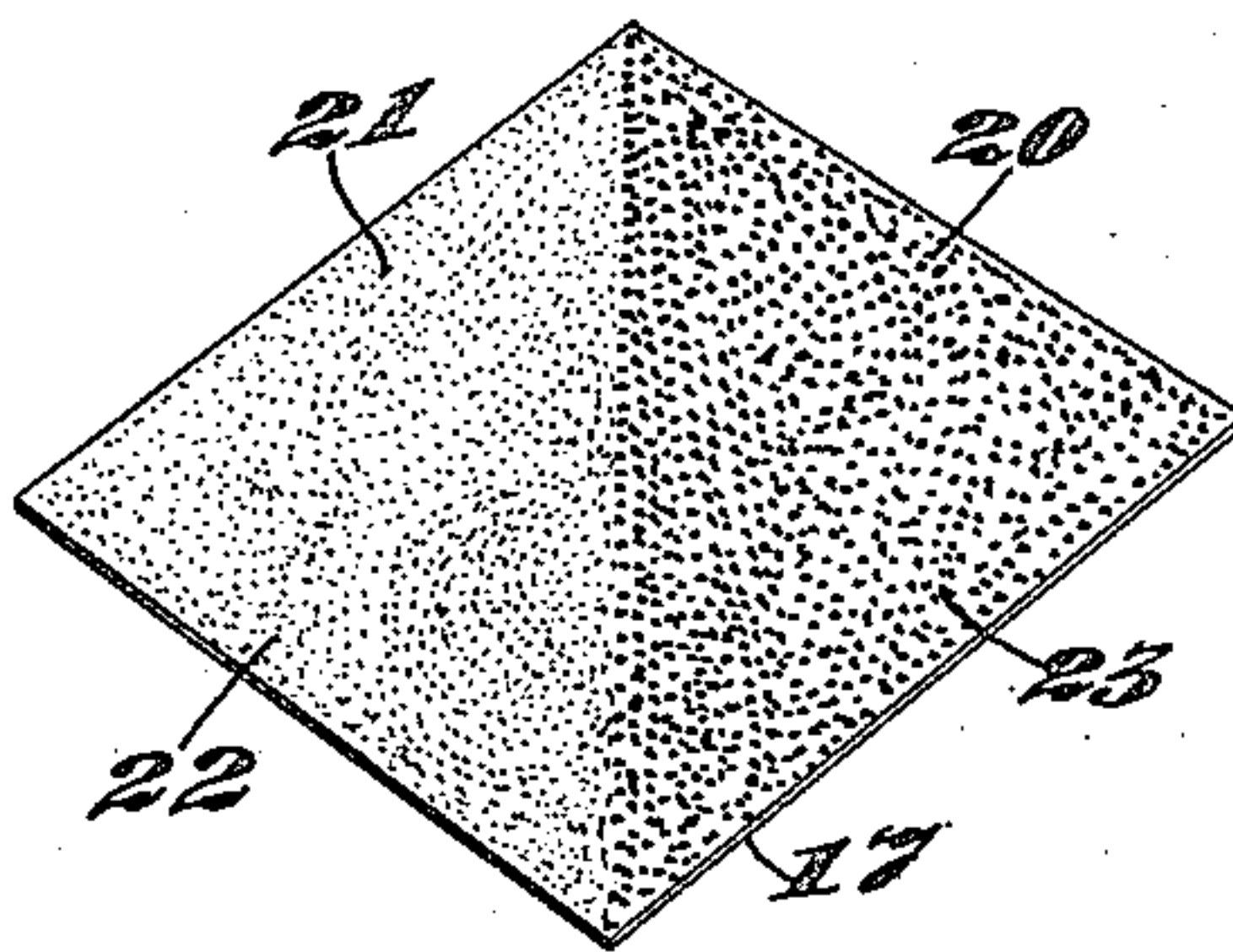


Fig. 8.



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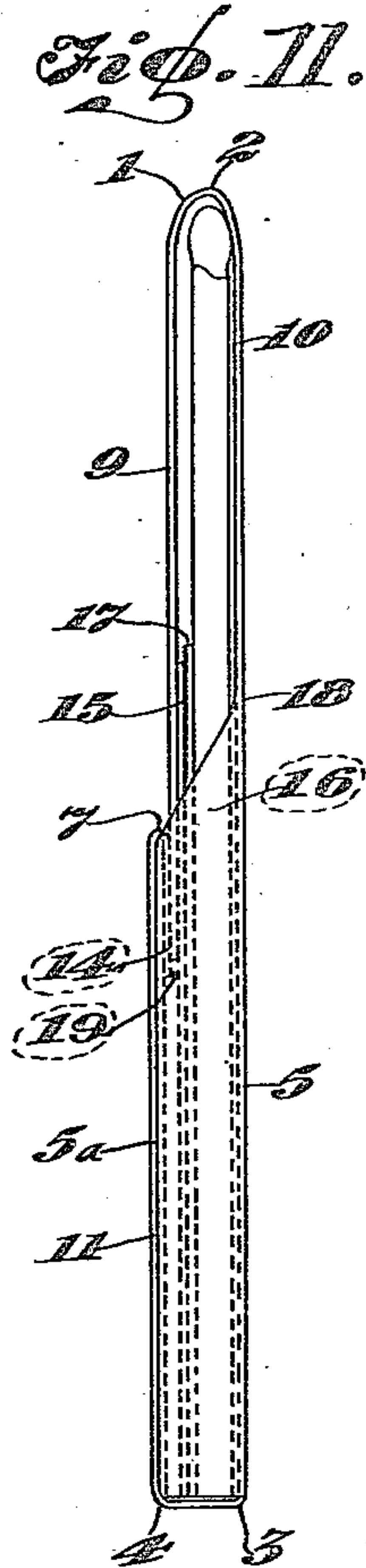
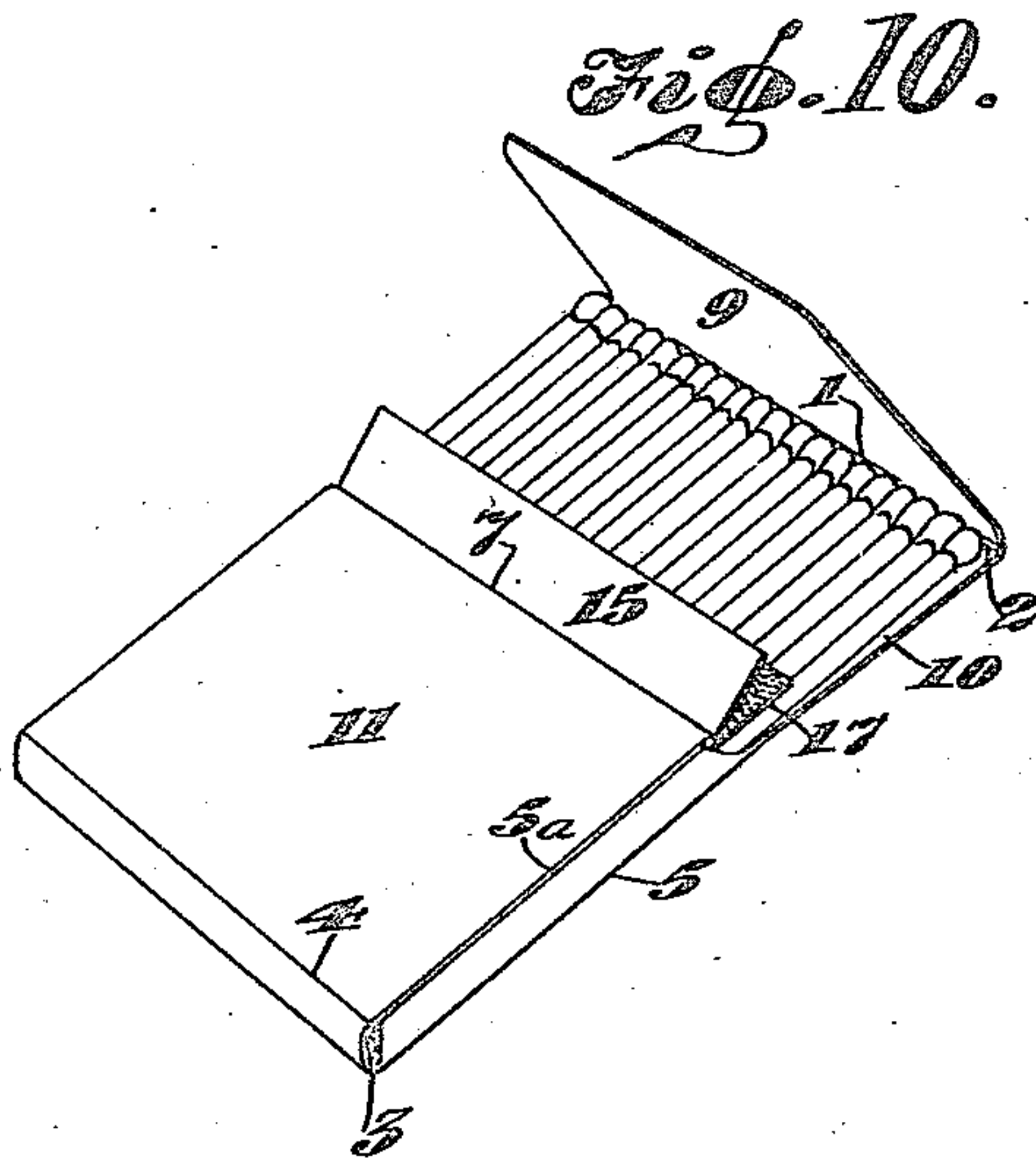
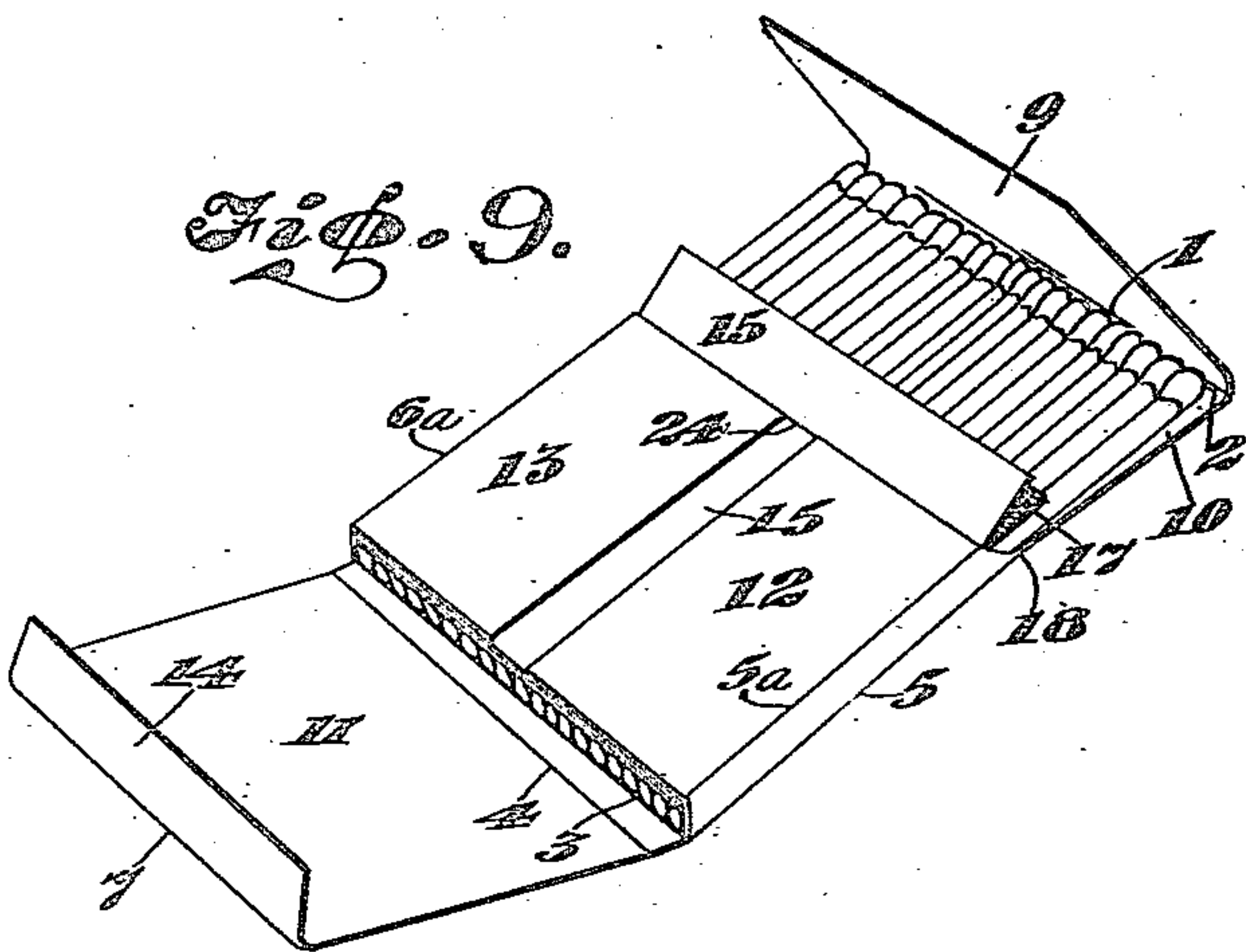
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4 SHEETS—SHEET 4.



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UNITED STATES PATENT OFFICE.

WILLIAM T. McDOWELL, OF ST. LOUIS, MISSOURI.

RECEPTACLE.

993,312.

Specification of Letters Patent.

Patented May 23, 1911.

Application filed February 23, 1909. Serial No. 479,543.

To all whom it may concern:

Be it known that I, WILLIAM T. McDOWELL, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Receptacles, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention consists in a match receptacle which is particularly well adapted to hold matches in small quantities and which is of such size as to be conveniently carried in one of the clothes pockets of the user or dispensed from a coin-controlled device or distributed gratuitously for advertising purposes.

A simple and efficient means is provided to lock the parts in position for use, and, also, simple and very effective means of ignition for either a "safety" or the ordinary type of match, thus obviating care in selecting matches to be placed in the receptacle.

In some forms of this invention, the use of glue or a staple or both is necessary, while other forms are self-locking and the use of glue or a staple rendered unnecessary. It is also to be noted that the present invention is as well adapted to be used as a receptacle for various other articles such as tickets, stamps, etc., and that its use for the purposes of this invention need not be restricted to the carriage of matches. As a result, it is evident that the igniting element need not always be necessarily an adjunct of a match carrying receptacle but may be supplied in any other connections, where a combined receptacle and igniting device may be desirable.

In the drawings forming part of this specification, in which like numbers of reference denote like parts wherever they occur, Figure 1 is a perspective view of the blank used in the preferred form of the invention; Fig. 2 shows the abrasive card; Fig. 3 shows the card in position and the side extensions folded thereupon; Fig. 4 illustrates the completed receptacle; Fig. 5 is a side elevation, on enlarged scale, of Fig. 4; Fig. 6 shows a blank used in a form somewhat similar to the form shown in Fig. 1, the position and extent of the side extensions being different and the shoulder 14 forming a locking means in conjunction with said side extensions; Figs. 7 and 8 illustrate the separable and adjustable bearing surface

and abrasive card; Fig. 9 shows the bearing surface and card in position and the side extensions folded thereupon; Fig. 10 shows the completed modification; Fig. 11 shows a side elevation, on enlarged scale, of Fig. 10.

This match receptacle is formed out of a blank that is cut by a die, preferably at a single operation, from any suitable material such as cardboard, fairly stiff paper, celluloid, etc. In conjunction with the receptacle there is used a rectangular piece of sand paper or other abrasive material, which is freely removable from the pocket in said receptacle. The surface of the abrasive card may be partly covered with one material and partly with another material, in order to be capable of igniting any and all kinds of match-heads.

In the preferred embodiment of this invention, as shown in Figs. 1 to 5, the blank is scored or creased at 1, 2, 3, 4, 5, 6, 7, 8, and 24 in order to facilitate the folding operations. In said form, the blank consists of a tongue extension or flap 9, a back or body portion 10, a front portion extension 11, ears or side extensions 12 and 13 and bearing surface 15 having a distinct portion or shoulder 14. In forming the receptacle the blank is bent at the creases or scorings in the following order 7, 8, 5, 6, 5^a, 6^a, 3, 4, 1, and 2. In this manner shoulder 14 will be brought to lie adjacent the portion 11, bearing or friction surface 15 is then bent back and lies partly upon said shoulder and forms with said shoulder a two-fold intermediate locking means, and ears 12 and 13 when folded into position are spaced from the back portion 10 and form the front wall of the match holding pocket 16, while front portion 11 lies against said ears 12 and 13 to reinforce and strengthen the match pocket 16. When the ears or side extensions 12 and 13 are brought to lie in position to form the front wall of the match holding pocket, and the front extension 11 is brought into position against said ears 12 and 13, the intermediate double fold offset or extension formed by the members 14 and 15 is brought into locking engagement with said ears 12 and 13 by being downwardly projected behind the latter.

Pocket 16 holds the matches, and in front of them is inserted into said pocket a card of sand-paper 17 or other abrasive substance, forming an ignition surface, said surface

then lying between the matches and the bearing or friction surface 15 of the front wall 11. Recess 19 is formed by shoulder 14 for the reception of tongue or cover extension 9. Thus the article is ready for use, and upon withdrawing a match from pocket 16 it is placed lengthwise between said bearing surface 15 and said abrasive substance 17, the fingers press said parts together, and the match is then pulled lengthwise through the clamp thus formed, with the inevitable result that the head is ignited. The distinctive and valuable feature of the invention here becomes apparent, for, while match holders may be found having an abrasive surface of various sizes and in various locations relative to the matches, yet in most cases, the match must be drawn across the necessarily small abrasive surface several times before ignition is secured, while in this invention the pull of the match across the long transverse ignition surface coupled with the fact that the match-head is held in a grip and tightly pressed between the bearing surface 15 and the abrasive surface 17 renders ignition almost inevitable upon the first trial. Another distinctive feature lies in the fact that the abrasive card 17 may be covered with two or more abrasive substances whereby it may ignite any kind of match and because of the fact that said card is freely removable from the match pocket it can be turned about so as to present successively four different surfaces, as indicated at 20, 21, 22, and 23. In order to facilitate the withdrawal of a match, back portion 10 may be creased as at 18, and in such case that portion above said crease is allowed to swing back and away from the matches so that they may be more easily grasped by the fingers.

It will be understood that this invention is not limited to the precise construction described as the preferred embodiment, as many modifications may be made therein without departing from the spirit of this invention or sacrificing its principal advantages.

In the modification shown in Figs. 6 to 11 the blank is cut as in Figs. 1 to 5 with the exception of the elimination of the bearing or friction surface 15, which is inserted into the match pocket as a separate and adjustable part as is the abrasive card 17.

It will be understood that the matches may be placed head-down within the pocket 16 or in the reverse position, and that from the snug fit of said pocket or by reason of the flap 9 held in recess 19 or by reason of said flap 9 being folded down behind the matches thereby forcing them more tightly against the walls of said pocket 16 the matches will not fall out in any position in which the device may be placed. It will be further noted that there is no danger of accidental

ignition of the matches, as the abrasive card 17 is not in contact with the match-heads as they lie within the pocket 16; that said abrasive card may have the abrasive substance upon only one or upon both its surfaces; and that the bearing or friction surface 15 may also be treated with an abrasive substance should it be found desirable to have a more positive ignition means.

Having thus described my said invention, what I claim and desire to secure by Letters-Patent is:

1. A receptacle comprising a back or body portion having extending therefrom arms constituting a cover or tongue extension, a front extension and side extensions, said front extension terminating in a two-part member which constitutes a downwardly projecting two-fold locking means, a retaining recess for said tongue extension, and a bearing surface, and a separable and adjustable abrasive member adapted to cooperate with said bearing surface.

2. A match receptacle comprising, in combination, a continuous formation consisting of a body, tongue and front extensions, a locking device formed intermediate the length of said front extension and ears formed at each side of said continuous formation to interlock with said interlocking device and to form with said continuous formation a plurality of pockets, and a removable igniting strip located in one of said pockets, and cooperating with one of said extensions to form a gripping device.

3. A receptacle, comprising a body portion a plurality of extensions therefrom, one of said extensions forming a locking device and projecting lip, and an abrasive surface constituting with said extended lip an ignition device which extends transversely across the top of the receptacle.

4. A match igniting receptacle, comprising, in combination, a continuous body, tongue and front extensions, ears formed on each side of said body and an abrasive surface, said front extension having an intermediate locking device interlocking with said ears to form a pocket and having an extension flap to form a gripping igniter.

5. A match receptacle, comprising, in combination, a continuous body, tongue and front extension, and ears formed on said body, and an abrasive surface, said front extension being scored and folded to form a downwardly extended projection adapted to lock behind said ears, and to have an upwardly extended leaf adapted to form a gripping member with said abrasive surface.

6. A match receptacle, comprising, in combination, a continuous body, tongue and front extension, and ears formed on said body, and an abrasive surface, said front extension being formed with an intermediate double fold offset which is adapted to lock

over the top of said ears to form a pocket and to cooperate with said abrasive surface to form a gripping igniter.

5 7. A match receptacle, and a gripping striking device in combination, consisting of a body portion, double fold extension portions interlocking with said body portion to form said receptacle, a friction member retained by said extensions, and an extension forming with said friction member said gripping striking device transversely across the receptacle.

10 8. A receptacle comprising in combina-

tion a body portion, a plurality of interlocking extensions, a friction member and a bearing member associated with said friction member, said bearing member being provided with a projecting lip cooperating with said friction member to constitute a transverse gripping igniter for matches. 15 20

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

WILLIAM T. McDOWELL.

Witnesses:

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