

W. H. HEILIGER.  
SAFETY ENVELOP.  
APPLICATION FILED MAR. 13, 1908.

901,001.

Patented Oct. 13, 1908.

Fig. 1.

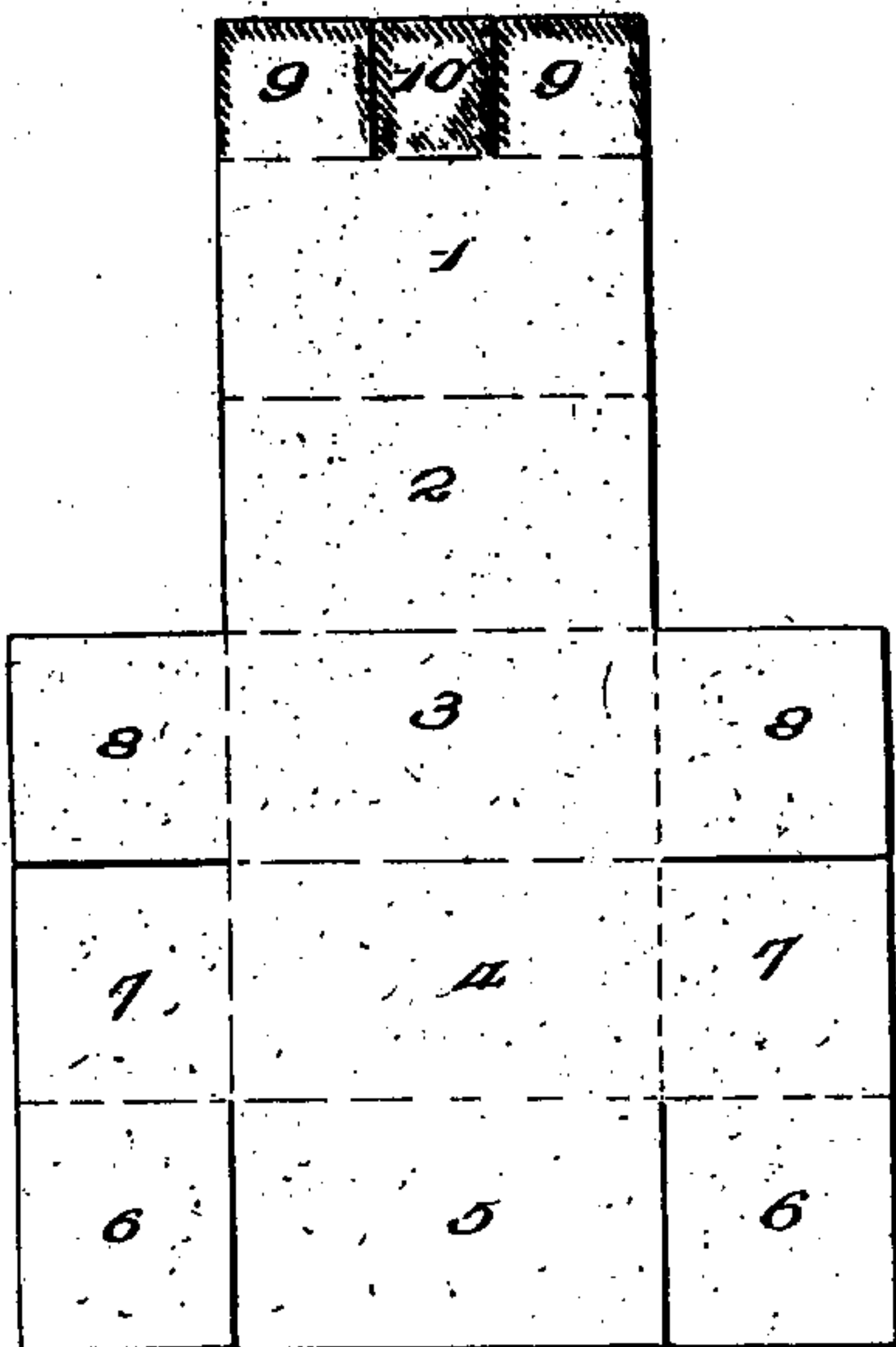


Fig. 2.

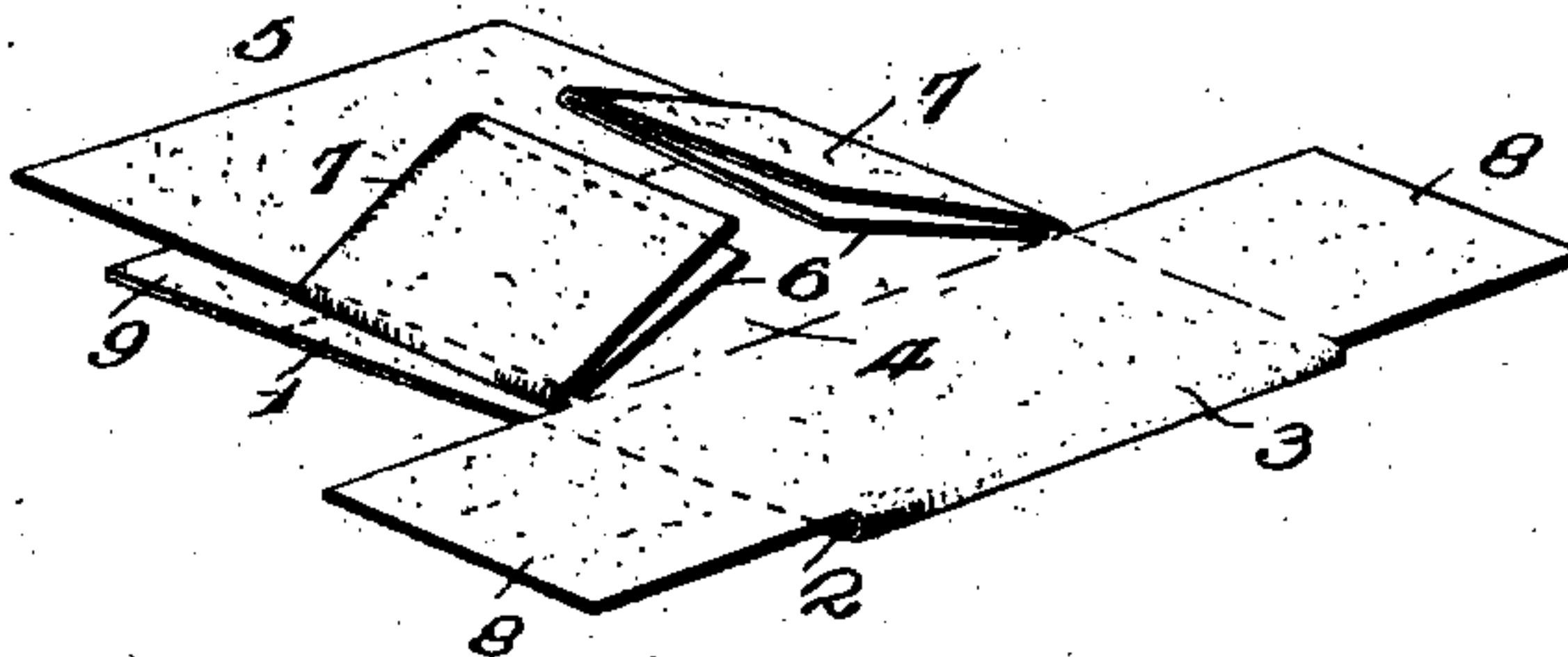


Fig. 3.

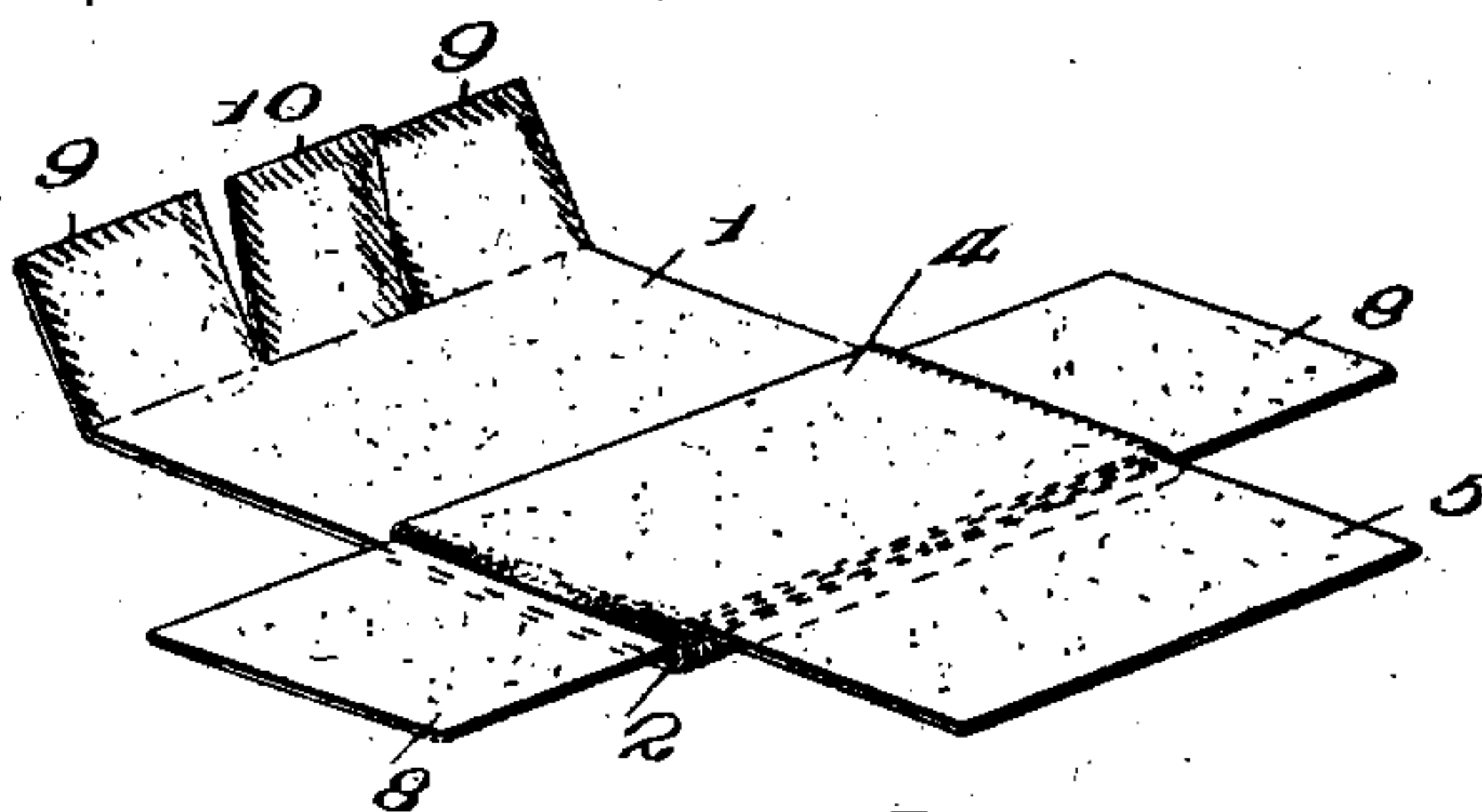


Fig. 4.

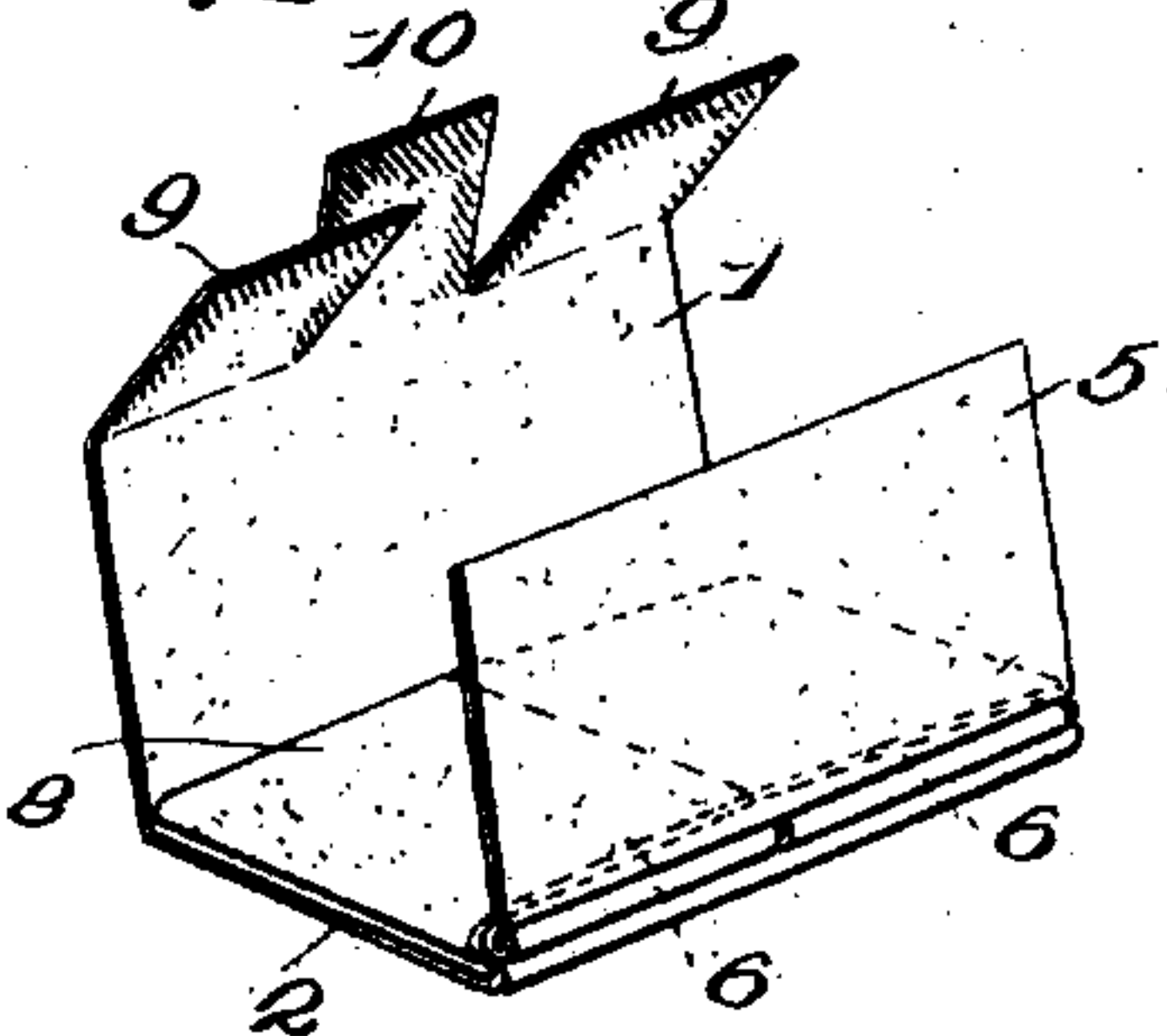


Fig. 5.

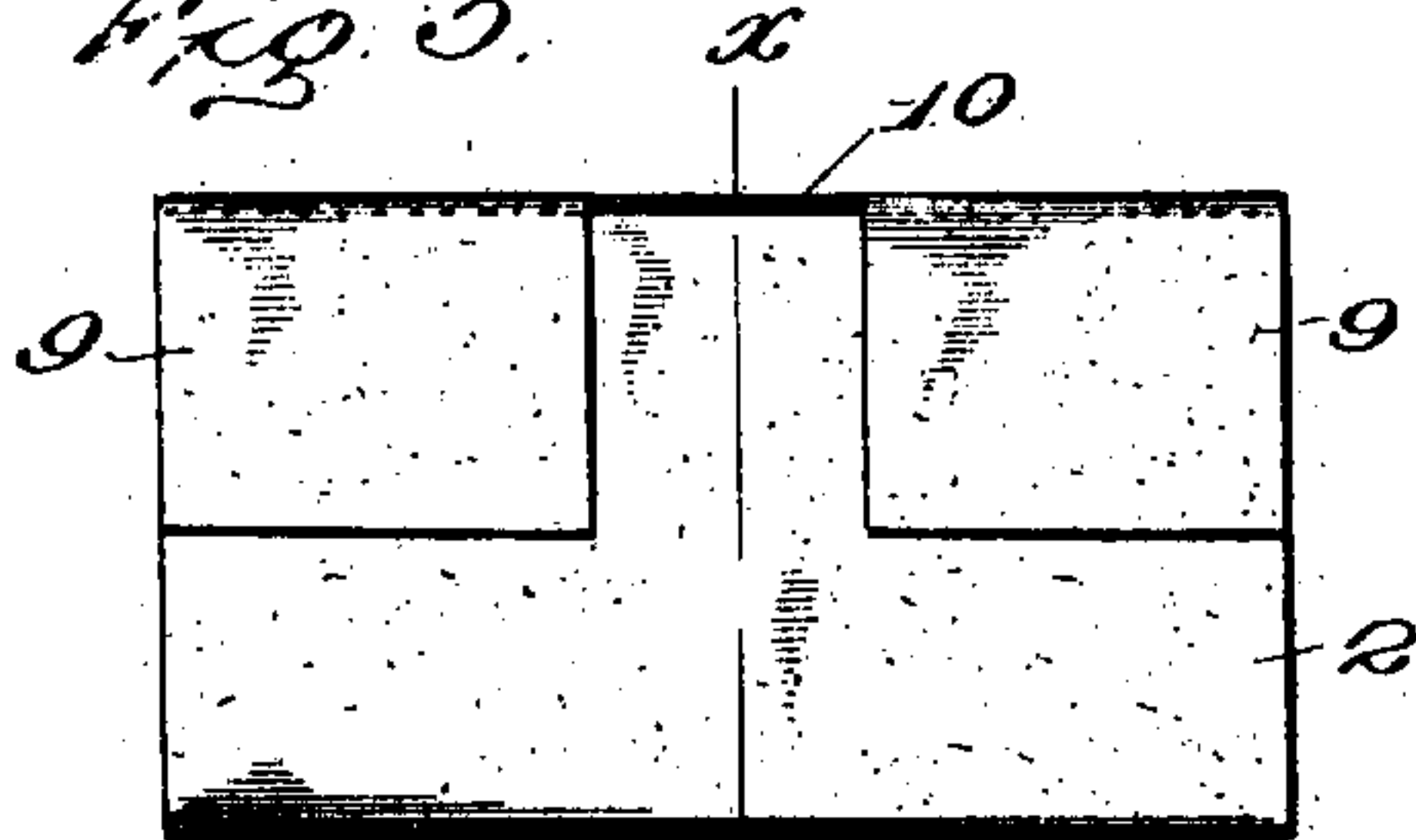
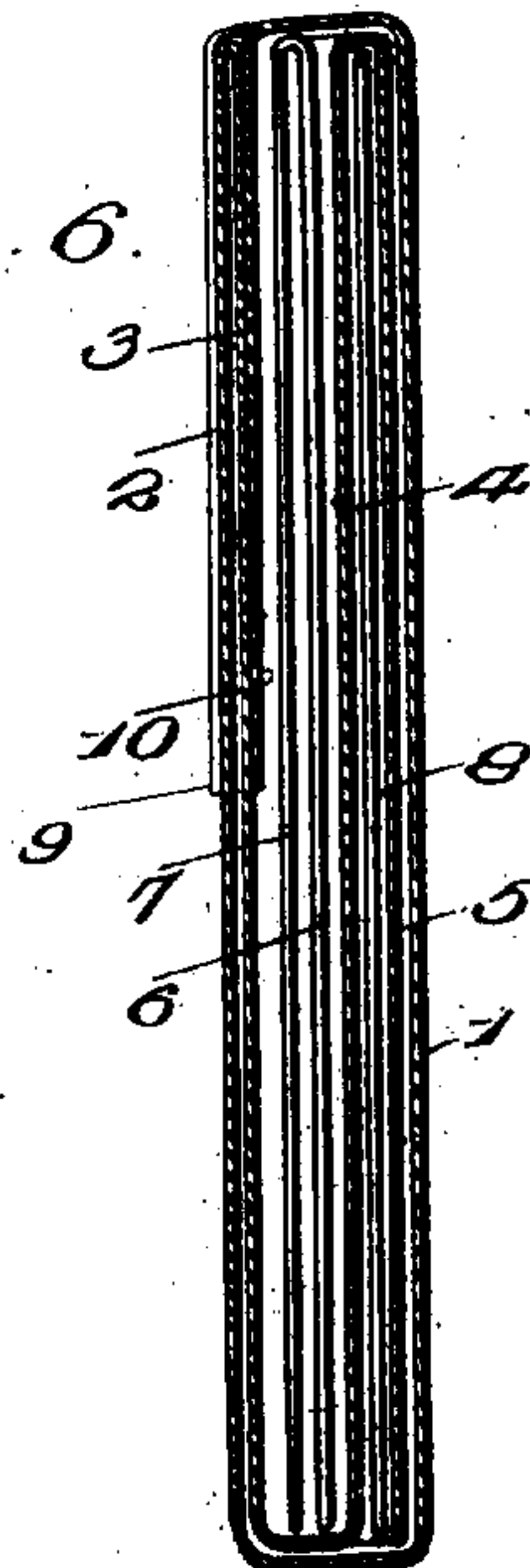


Fig. 6.



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## SAFETY-ENVELOP.

No. 901,001.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed March 13, 1908. Serial No. 420,846.

*To all whom it may concern:*

Be it known that I, WILLIAM H. HEILIGER, citizen of the United States, residing at Brazil, in the county of Clay and State of Indiana, have invented certain new and useful Improvements in Safety-Envelops, of which the following is a specification.

This invention provides an envelop of novel construction which when sealed, cannot be opened without rendering detection possible.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment is shown in the accompanying drawings, in which:

Figure 1 is a detail view of the blank from which the envelop is formed. Fig. 2 is a perspective view of the blank doubled upon itself and having the end flaps forming the letter pocket folded. Fig. 3 is a perspective view showing an end portion of the blank refolded. Fig. 4 is a perspective view of the blank after the middle flaps have been folded and the end sections bent up prior to sealing the envelop. Fig. 5 is a rear view of the envelop when sealed. Fig. 6 is a transverse section on the line  $x-x$  of Fig. 5 on a larger scale.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The blank from which the envelop is formed is a single piece of paper having the outline substantially as shown in Fig. 1, and comprising a plurality of sections and flaps, which are adapted to fold upon the dotted lines in the manner herein indicated. The blank comprises the front 1, back 2, and sections 3, 4 and 5 having dimensions equal to the dimensions of the front and back so as to fold between the same and have their edges about flush. Flaps 7 are provided at opposite ends of the section 4 and in turn are provided with flaps 6 at one side so as to appear at the ends of the section 5 when the blank is flattened out. Other flaps 8 are

provided at opposite ends of the section 3. Tabs 9 are provided at the outer edge of the front 1 and are spaced apart. A tongue 10 is also provided at the outer edge of the front 1 and occupies the space formed between the tabs 9.

For convenience of description in forming the blank into an envelop, the several views illustrated have been selected and the steps may be set forth as follows: The blank is doubled upon itself to cause the sections 3, 4 and 5 to overlie the sections 2 and 1 and the parts 9 and 10, as indicated in Fig. 2, after which the flaps 6 are folded upon the flaps 7 and the latter folded upon the section 4. The space between the flaps 6 and 7 constitutes the pocket into which the letter, mis-sive or the like is inserted. The flaps 6 are pasted to the section 4. The section 4, with the letter pocket attached, is now folded back upon the section 3, as indicated in Fig. 3, thereby bringing the pocket between the sections 3 and 4, after which the flaps 8 are folded over the section 4 and pasted thereto. This prevents separation of the sections 3 and 4 at their ends. The end section 5 is folded over the flaps 8 and the section 1 folded upon the section 5, thereby confining all the parts of the envelop between the front section 1 and the back section 2. The tongue 10 is supplied with paste upon both sides and is inserted into the space formed between the section 3 and the flaps 7 and pasted to each. The tabs 9 are folded over the back 2 and pasted thereto, thereby completing the sealing of the envelop, which is addressed upon the outer side of the front section 1 and is then adapted to be mailed or transmitted to its destination in any accustomed way.

It will be understood from the foregoing in connection with the accompanying drawing, that the blank, when folded and secured in the manner stated, provides an envelop or package which may not be opened or tampered with without the same being made known because of the peculiar folds and the manner of sealing the tabs, flaps and tongue.

Having thus described the invention, what is claimed as new is:

The herein described safety envelops formed from a single blank of sheet material embodying a connected series of sections 1, 2, 3, 4 and 5, a tongue 10 and tabs 9 at the outer edge of the section 1, flaps 7 at opposite ends of the section 4, flaps 6 at one edge



of the flaps 7, and other flaps 8 at opposite ends of the section 3, the flaps 6 being folded upon the flap 7 and the latter in turn folded upon and pasted to the section 4 providing a letter receiving pocket, said section 4 folding upon the section 3 and having the flaps 8 folded thereover and pasted thereto, the section 5 being folded upon the flaps 8 and the section 1 folded thereon and having the tabs 9 pasted to the outer side of the section 2,

and the tongue 10 being inserted in the space between the section 3 and the flaps 7 and pasted to each.

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

WILLIAM H. HEILIGER. [L. s.]

Witnesses:

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