

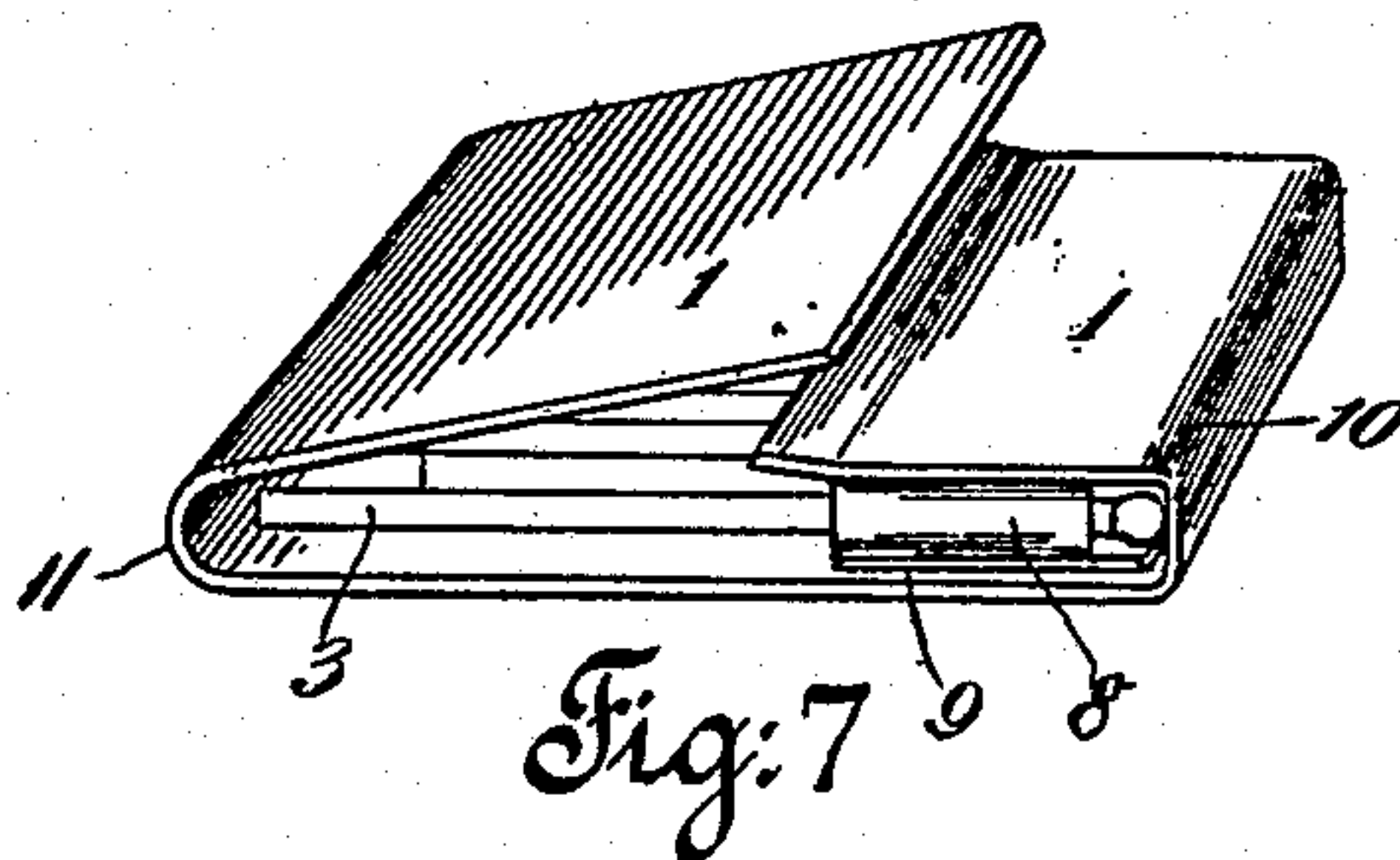
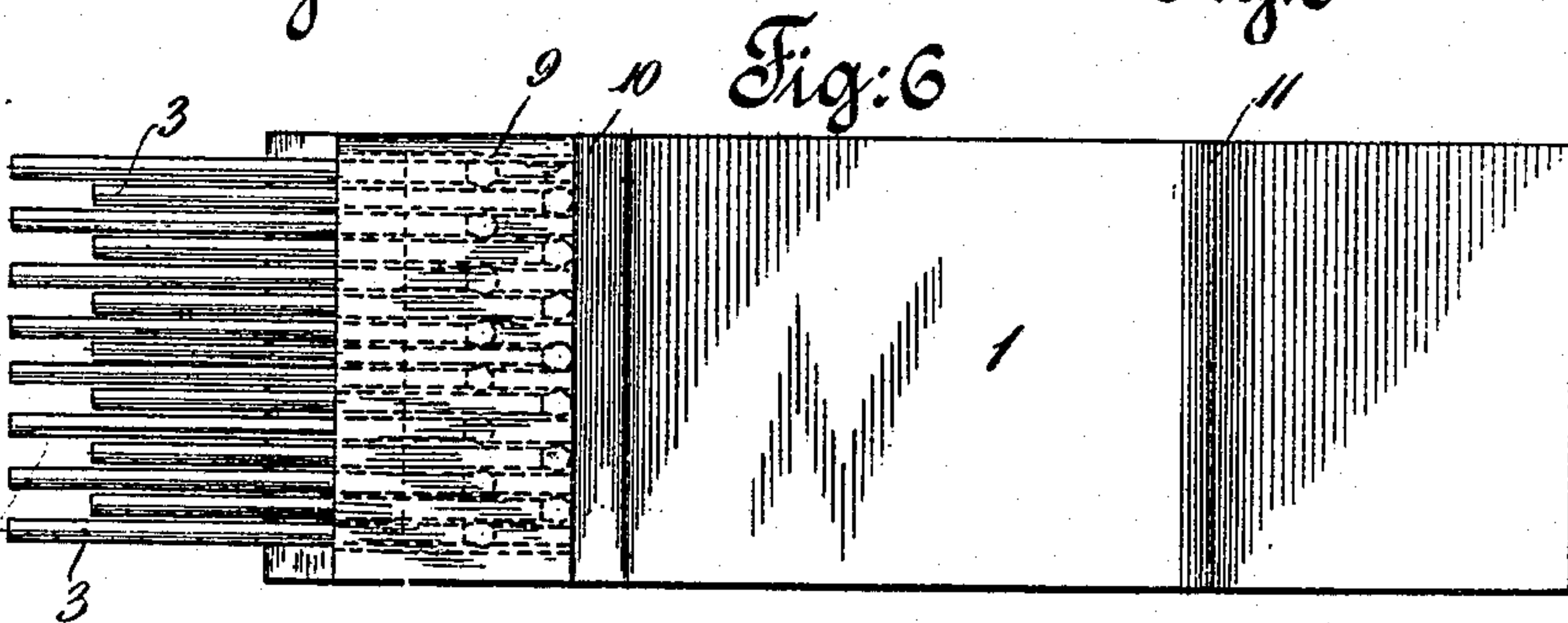
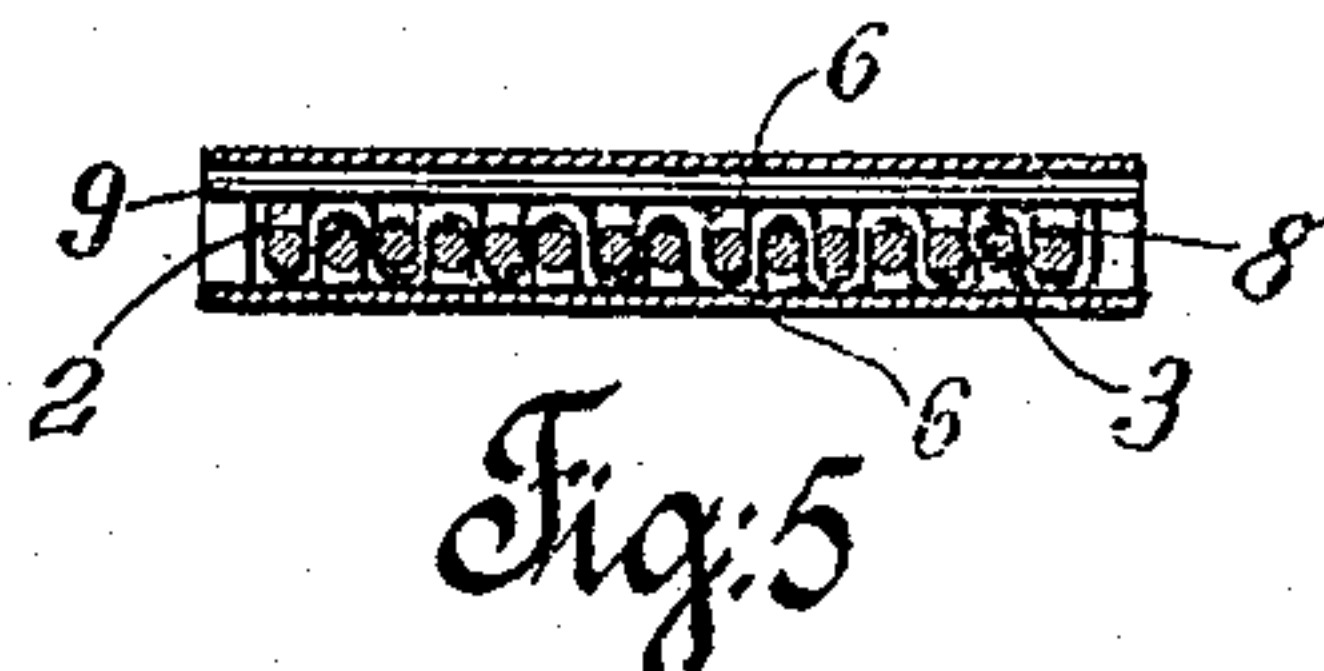
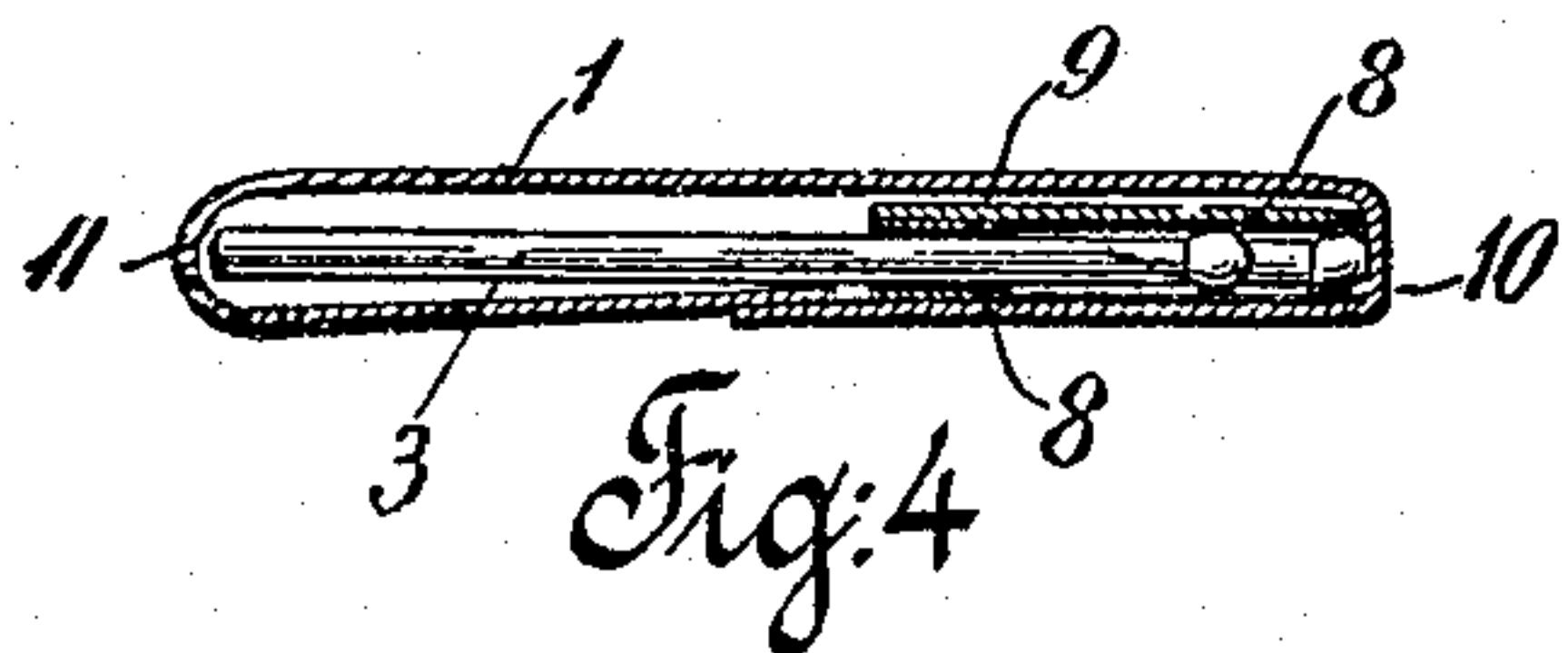
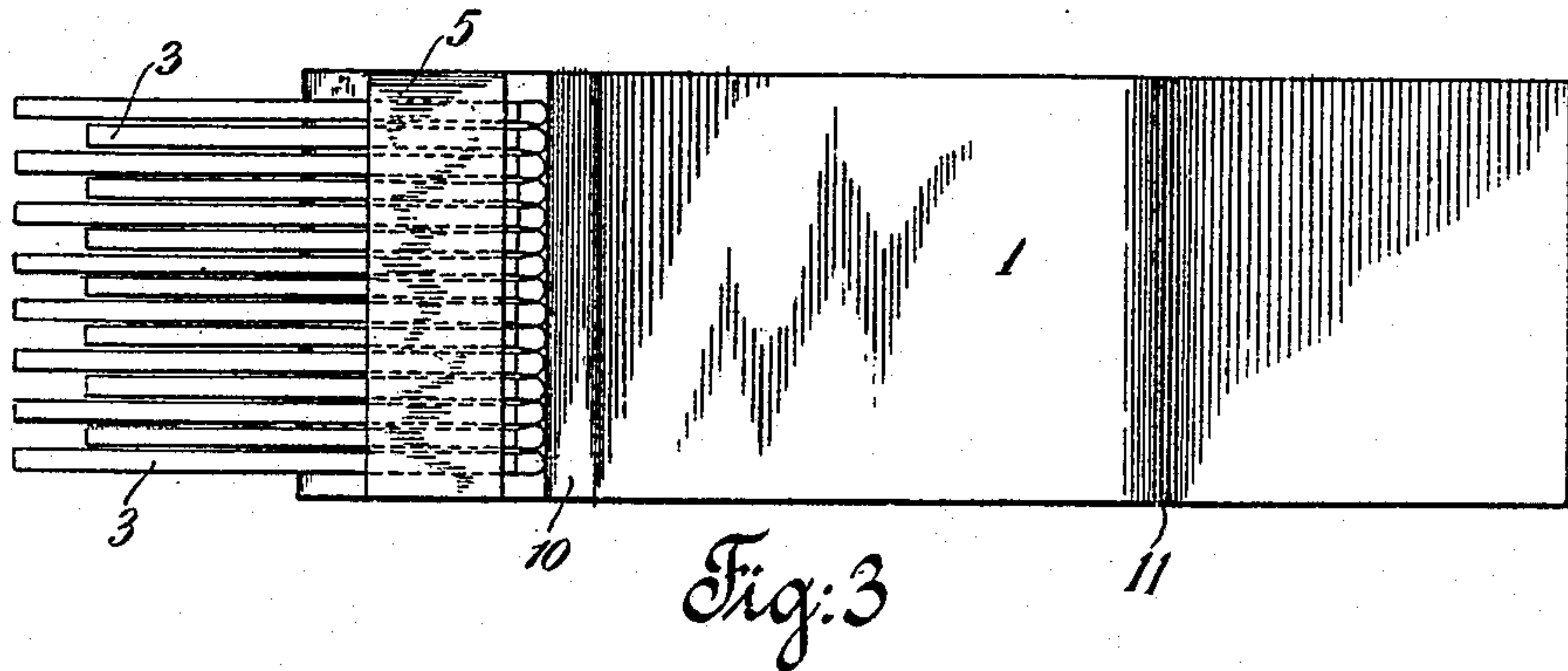
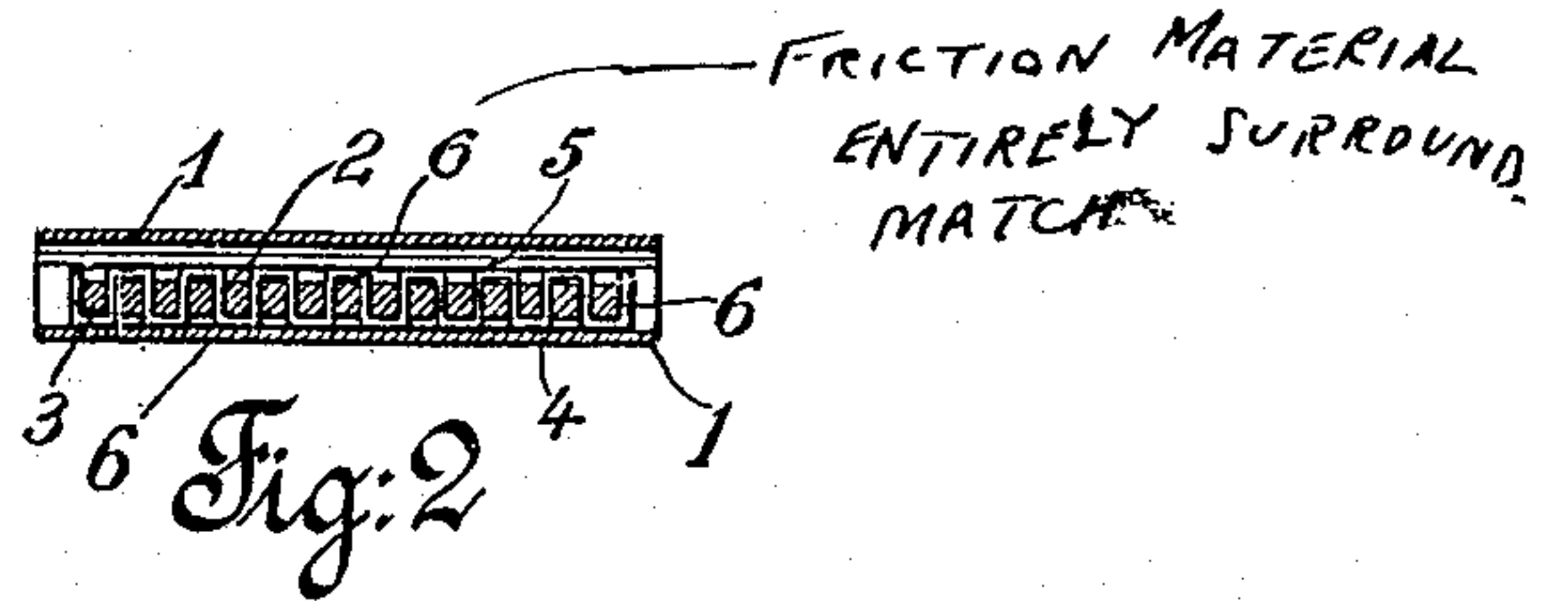
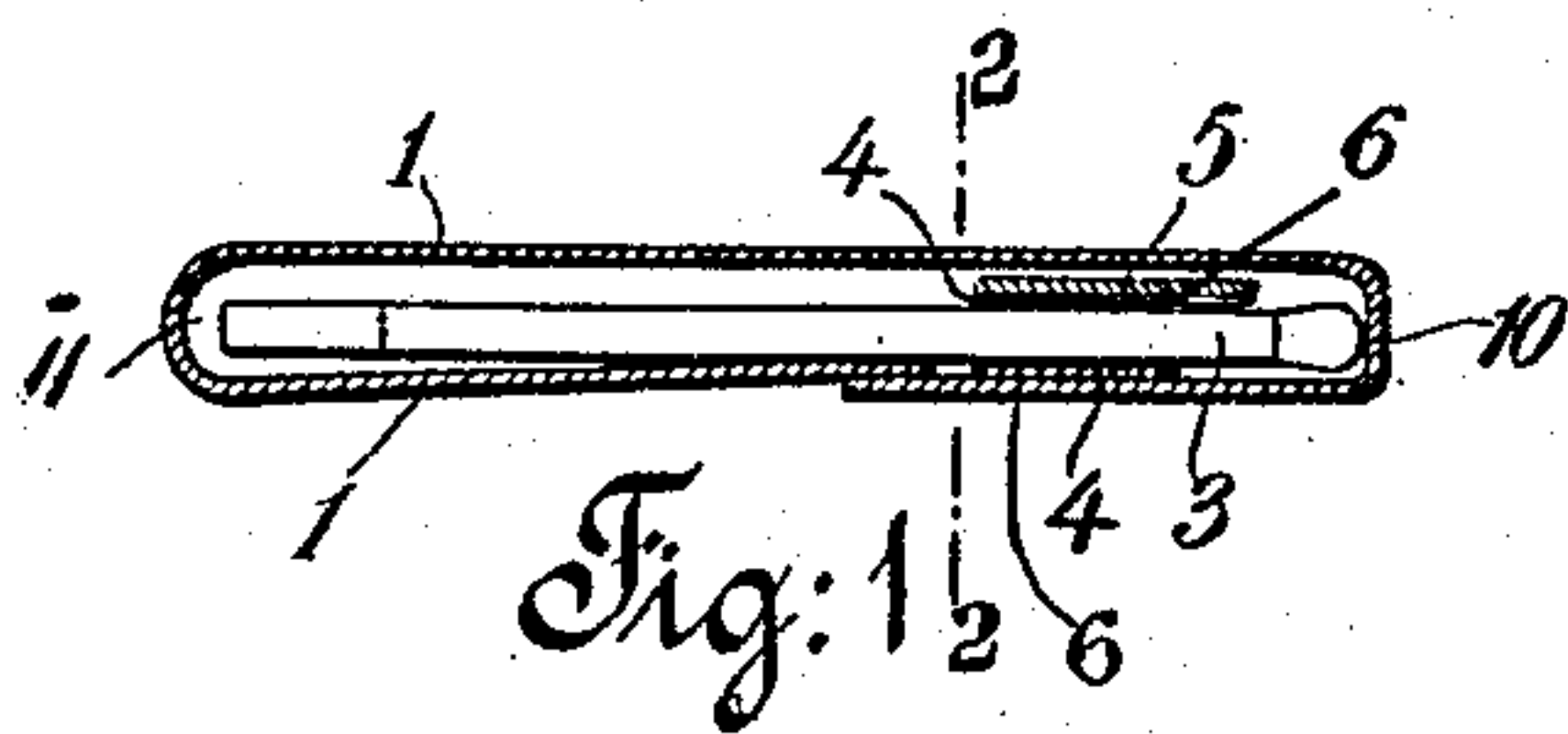
No. 831,021.

PATENTED SEPT. 11, 1906.

E. VAN DEUSEN.

MATCH CASE.

APPLICATION FILED JUNE 14, 1905.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDITH VAN DEUSEN, OF NEW YORK, N. Y.

MATCH-CASE.

No. 831,021.

Specification of Letters Patent.

Patented Sept. 11, 1906.

Application filed June 14, 1905. Serial No. 265,121.

To all whom it may concern:

Be it known that I, EDITH VAN DEUSEN, a citizen of the United States, and a resident of New York city, county of New York, and State of New York, have invented certain new and useful Improvements in Match-Cases, of which the following is a specification.

My invention relates to folding match-cases, such as may be carried in a pocket; and it has for its principal object a small convenient match-case that will protect the matches while being carried, that will provide means whereby the match will be ignited upon its withdrawal from the case and means whereby the match can be readily withdrawn, also of such construction that will prevent the matches from dropping out of the case when it is open, that will prevent the ignition of any other match than the one that is being withdrawn, that will hold each match in place in an independent socket whether the case be open or shut, and that will permit any match to be withdrawn from its socket and ignited whether the case be open or shut.

Other objects of my invention are to provide such a match-case that will present an attractive appearance, that can be cheaply made, and that will be flat and take up very little room in a pocket.

In the accompanying drawings, Figure 1 illustrates a longitudinal section of a folded match-case, illustrating one embodiment of my invention and with matches inclosed in said case. Fig. 2 is a transverse section of the same through the line 2 2 of Fig. 1. Fig. 3 is a plan of the same, showing the case open. Figs. 4, 5, and 6 are similar views to Figs. 1, 2, and 3 of a slightly-different form of case to that shown in said figures. Fig. 7 is a perspective view, on a reduced scale, of the match-case partly closed.

Similar numbers represent like parts in all the figures.

1 is a strip of flexible material, preferably thick paper, cardboard, or thin metal.

2 represents holders or cells for holding matches 3 and which are secured by their walls to a surface of the strip 1 and parallel with each other. These holders are preferably made of a continuous fluted strip 4, and said strip is preferably secured by its surface to the surface of the strip 1, as shown in the several figures, and also preferably near one end of said strip.

5 is a strip secured to the surface of the fluted strip 4 opposite to that which is attached to the strip 1. The two strips 1 and 5 close the openings of the flutes on their respective sides of the strip 4, and said flutes, with the adjacent strips 1 and 5, constitute the cells or tubular sockets for entirely surrounding any matches which may be placed in them endwise. The inner wall or walls of said cells 2 are provided with any material that will ignite a match by contact or friction therewith, so that when a match is withdrawn from its cell the head in passing said material will be ignited. I have shown this material not only covering the flutes of the strip 4, but also the inner adjoining surfaces of the strips 1 and 5, as shown at 6, as said material will entirely surround the match, and the igniting of the match will thus be insured on its withdrawal from its cell. The match-case will thus be provided with folds or flaps, one of said flaps having a plurality of tubular sockets or cells, which sockets are parallel with said flaps and the sockets being composed of a plane strip or the flap proper, 1, and the fluted strip 4 and also of the plane strip 5, which is secured to the strip 4.

In Figs. 4, 5, and 6 the strips 8 and 9, which take the place of strips 4 and 5 in the preceding figures, are wider than said strips 4 and 5, and the inner coating 6 is only upon the walls of the cells 2 near their outer ends. This construction provides a casing for the head end of each match 3 and gives more protection to said head than the construction shown in Figs. 1, 2, and 3. The flap 1 can be folded at 10 around the heads of the matches 3 or around the inner edge of the strips 8 and 9 and also around the outer ends of the matches at the part 11. The portion of the strip 1 beyond the head 11 may be slipped between the other end of the strip 1 and the matches, so as to keep the case closed.

In Figs. 1 and 3 I have shown the matches of different lengths for the purpose of readily taking hold of and withdrawing the matches separately, and in Figs. 4 and 6 the matches are shown of the same length, but arranged with the ends of alternate matches extending beyond the others. The matches should of course be inserted in their cells endwise, the end opposite the head passing through the cells.

In Figs. 1, 2, and 3 the cells of the case are shown quadrangular and are especially adapted for matches having a similar cross-section,

and such matches are shown in their cells. In Figs. 4, 5, and 6 the cells are shown arched in cross-section and are particularly adapted for matches that are substantially round in cross-section, and such matches are shown in their cells. The match-case being filled with matches and folded and closed as above set forth, it will be seen that it presents an attractive appearance, is flat, and can be carried in a pocket and take up very little room therein without bulging the pocket. It can also be opened and a match instantly and readily withdrawn and ignited by the operation of withdrawal from the case. This is a very important feature where it is desired to light a match in a breeze. Each match being held in its particular cell or socket, whether the case be open or shut, and separated from all the other matches by the socket walls, when any match is withdrawn from the socket, which can be done when the case is either open or closed, the match will ignite; but the walls of the socket will prevent its igniting any other match. If the matches were all inclosed in the same socket or case and adjacent to each other, if one were ignited before the head had been entirely withdrawn from the case it would most likely set the other matches in the case on fire. My invention prevents any such trouble. It will also be seen that if my improved match-case should fly open any time or the flaps become separated from each other or spread out the matches would still be retained and not fall out of the case.

My invention is not limited to the precise construction shown and described, as many changes may be made therein without de-

parting from the spirit of my invention or sacrificing its principal advantages.

What I claim as new, and desire to secure by Letters Patent, is—

1. A folding match-case having permanently fixed to the inner face of one of its flaps a set of parallel tubular match-sockets each in itself capable of securely holding a match, and also having a freely-folding and unfolding flap arranged to fold around the igniting ends of matches in said sockets and against the free sides of the latter.

2. In a folding match-case, the combination with an approximately plane central portion, of freely-folding flaps connected to opposite sides, respectively, of said portion, and a set of tubular match-sockets fixed upon the inner face of one of said folding flaps.

3. In a folding match-case, the combination with a central flap slightly longer than matches to be held, of freely-folding terminal flaps secured to opposite edges of said central flap and adapted to slightly overlap when folded together, and a set of tubular match-sockets fixed to the inner face of one of said terminal flaps at a short distance from its free margin; whereby the match-carrying flap being folded upon the central flap, the second terminal flap may be folded over the matches and tucked between them and the terminal portion of the first flap.

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

EDITH VAN DEUSEN.

Witnesses:

PENNINGTON HALSTED,
EDWIN SEGER.