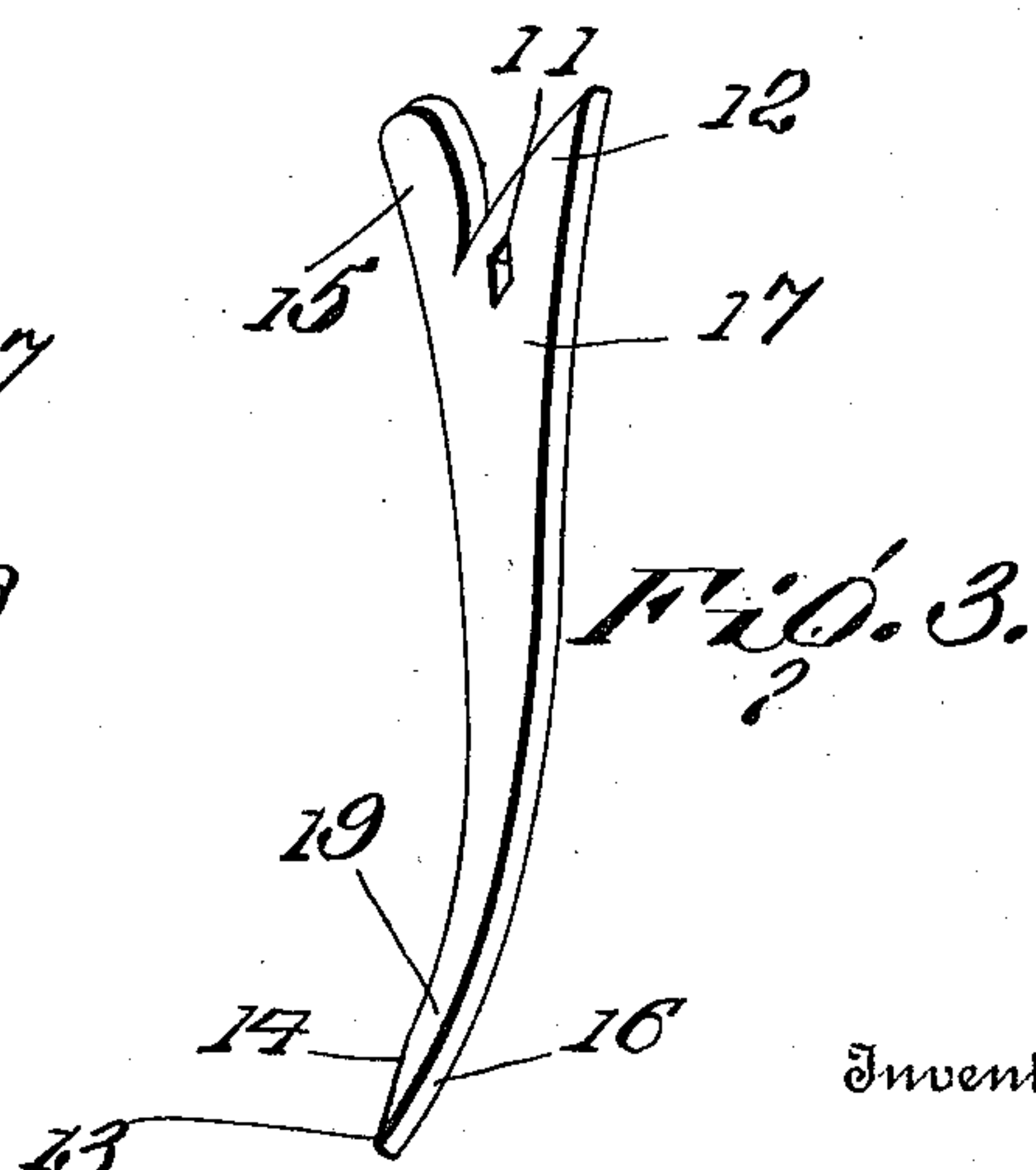
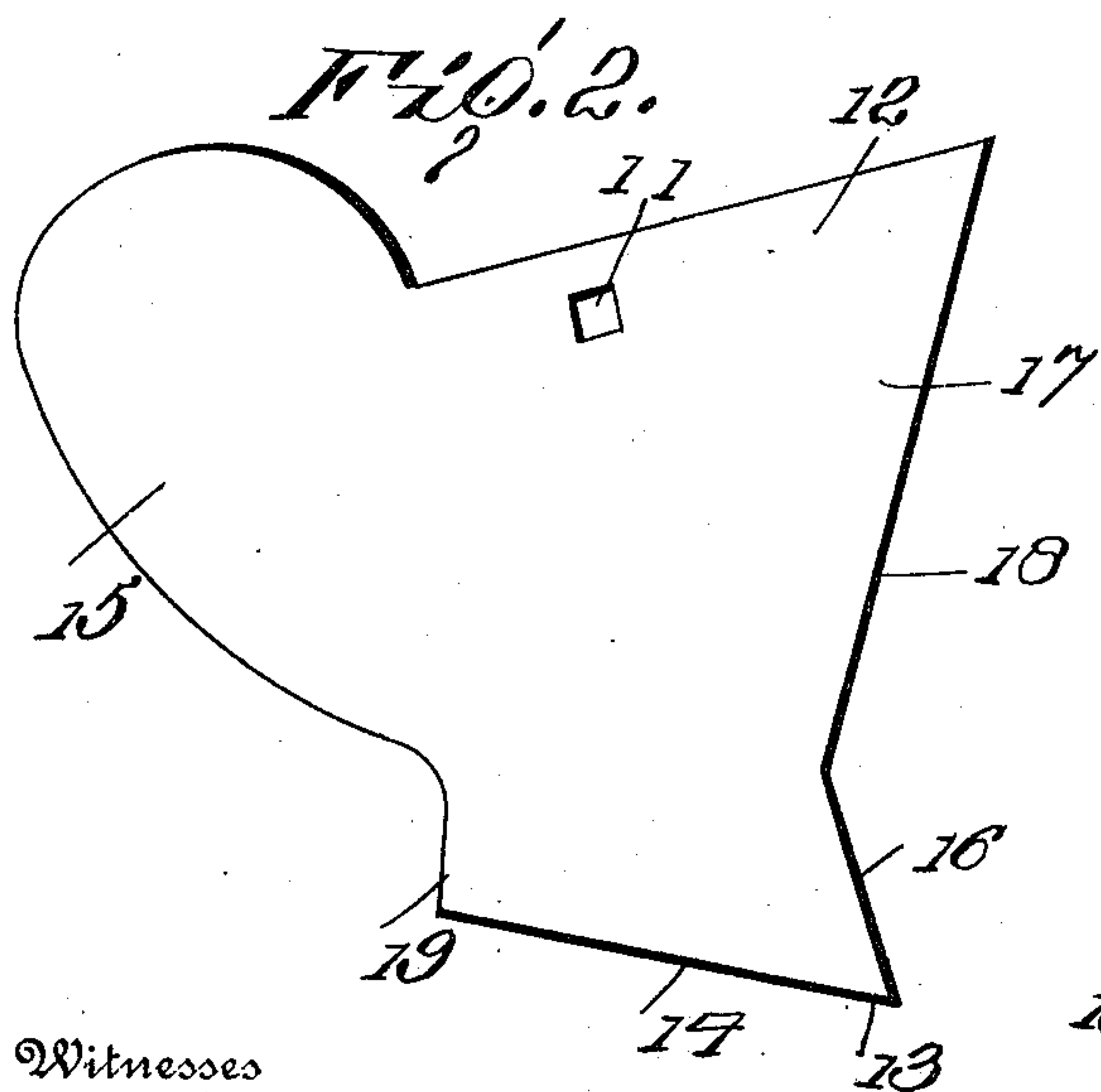
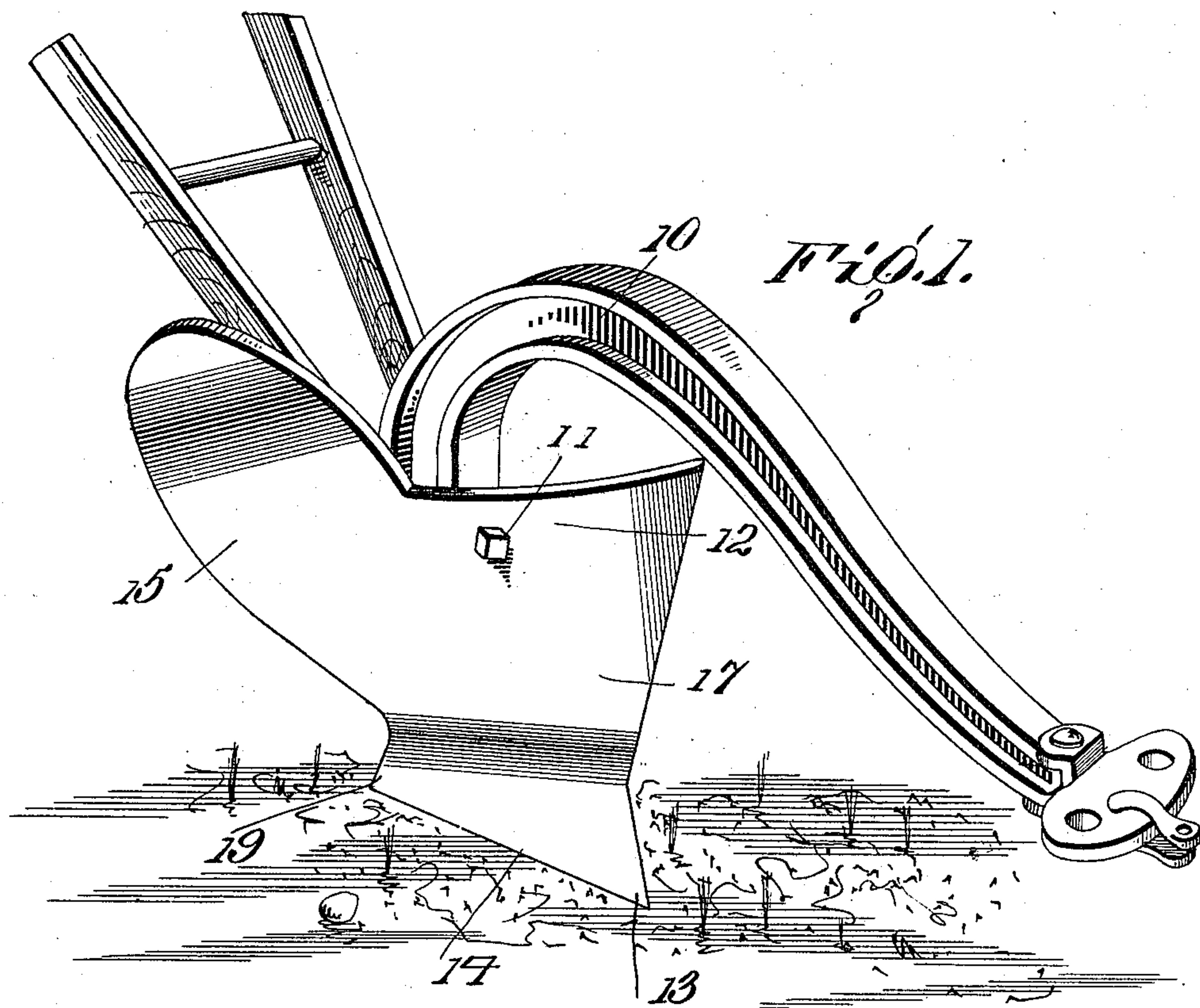


M. F. McELVEEN.
 PLOW POINT.
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975,555.

Patented Nov. 15, 1910.



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UNITED STATES PATENT OFFICE.

MURRAY F. McELVEEN, OF OSYKA, MISSISSIPPI.

PLOW-POINT.

975,555.

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To all whom it may concern:

Be it known that I, MURRAY F. McELVEEN, citizen of the United States, residing at Osyka, in the county of Pike and State of Mississippi, have invented certain new and useful Improvements in Plow-Points, of which the following is a specification.

This invention relates to agricultural implements, and refers particularly to an improvement in sweep and turn plows.

An object of this invention is to provide an implement of this nature with an integrally formed blade embodying the combination of a sweep plow and a turn shovel or plow.

The invention has for a further object the provision of a plow embodying these features and which is formed in one piece so that one adjustment will suffice for the positioning of the entire plow when used as a sweep or turn plow.

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, in which:

Figure 1 is a perspective view of the plow stock fitted with the improved blade. Fig. 2 is a side elevation of the blade detached. Fig. 3 is an edge view of the blade.

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

Referring to the drawings numeral 10 designates a plow stock of any approved form to which is attached the novel blade by means of the bolt 11. The body 12 of the blade is formed of a single sheet of metal which is stamped to produce a forwardly curved point 13 at its lower end. The lower edge 14 of the body 12, extending from the point 13 is beveled and extends backwardly where it terminates in a mold board 15. The upper edge of the mold board 15 is rounded in the usual manner and is given a slight outward curve. The opposite edge of the body 12, adjacent the point 13 extends upwardly at an acute angle as at 16 to form the point 13. The edge 16 terminates at a short distance above the point 13 in a wing 17 extending from the land side of the body 12 to act in the capacity of the sweep. The body 12 is transversely curved to raise the central portion thereof outwardly and to di-

rect the mold board 15 and the sweep at a slight backward angle. The outer edge 18 of the wing 17 extends diagonally upward from the edge 16 and terminates in the upper edge of the body 12. The outer edge of the mold board 15 slopes downwardly and merges into a shoulder 19 formed at the outer end of the edge 14.

When the device is adjusted as is disclosed in Fig. 1, the earth is raised from the point 13 during the operation of the blade and is conveyed over the upper face of the body 12. The earth is passed from the mold board 15 where it is directed upwardly and laterally, and, owing to the curvature of the mold board 15 is overturned and thrown to the side of the plow. This effects the turning over of the earth and is adapted to throw the earth to the side of the plow for covering up grassy or weedy middles.

Should a left hand shovel be desired the sheet of metal comprising the body is stamped in the same form, but is curved oppositely. The same results as above set forth are produced, only in the opposite direction.

A plow thus constructed provides a device which possesses the advantage of having a uniform adjustment of the mold board relative to the point and to the wing or sweep.

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

A plow blade including a sheet of metal cut to form a point at its lower end, one edge of the sheet of metal extending from the point upwardly a short distance then outwardly to the upper edge of the blade to provide a wing thereon, the opposite edge of the sheet of metal extending outwardly and slightly upwardly a short distance when it curves abruptly in an upward direction and outwardly to the top of the blade, the opposite edge further extending upwardly and curving inwardly and downwardly to the upper edge of the blade to form the moldboard thereof, the sheet of metal being transversely curved to present a convexed outer face and being curved forwardly at its lower end.

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

MURRAY F. McELVEEN. [L. s.]

Witnesses:

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