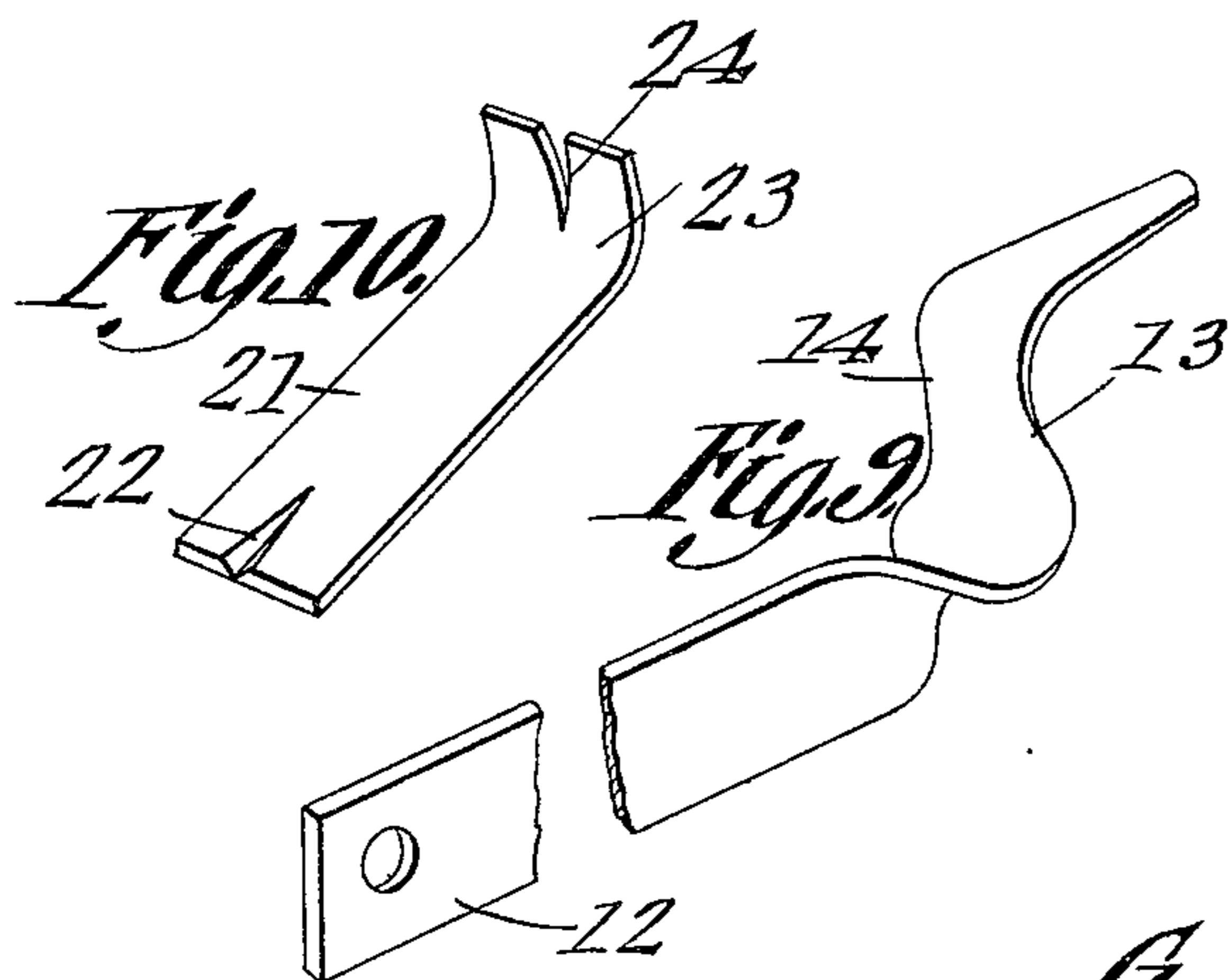
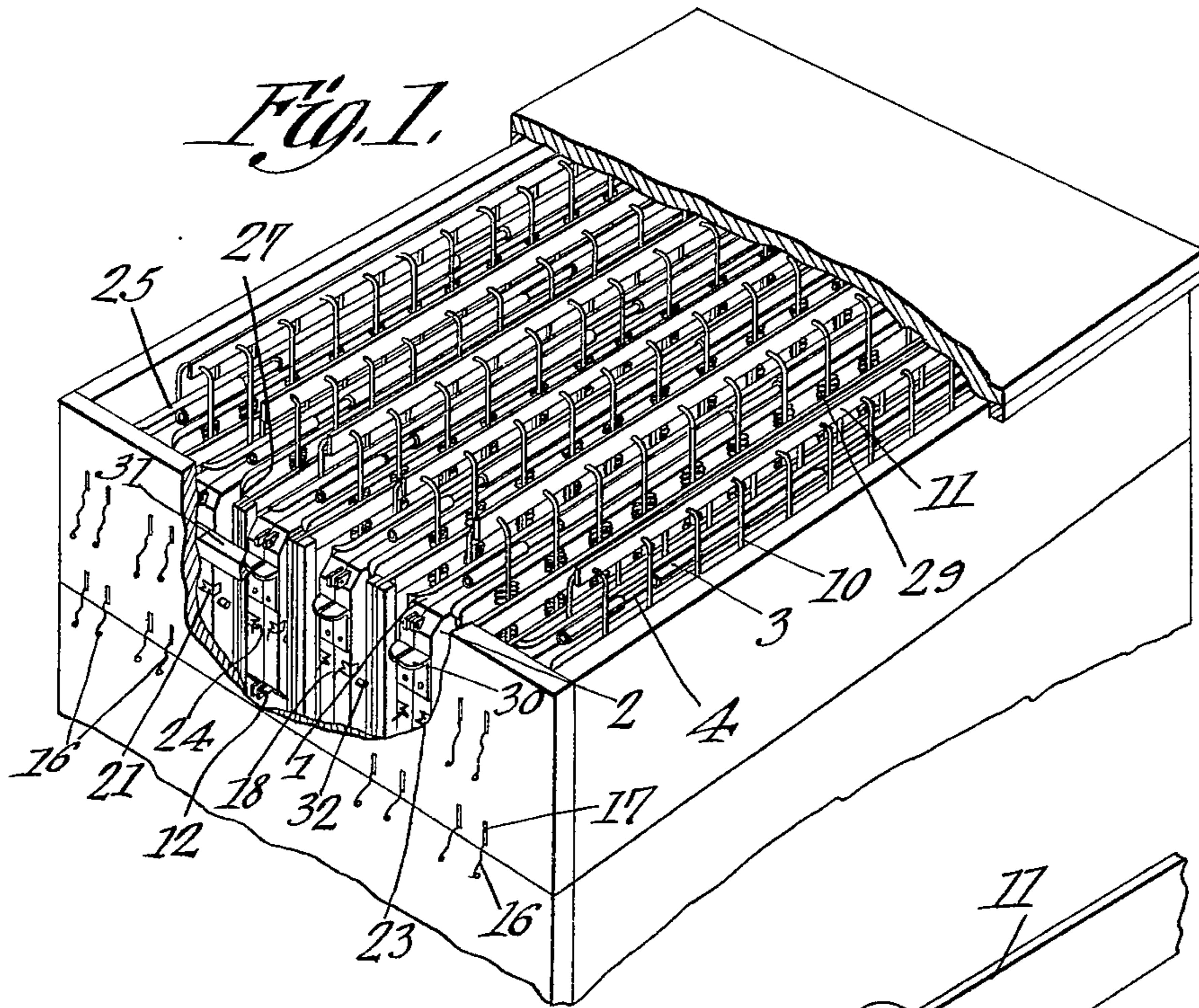


G. W. BABCOCK.
 COMB HONEY PRODUCING FRAME.
 APPLICATION FILED DEC. 24 1914.

1,188,386.

Patented June 27, 1916.
 3 SHEETS—SHEET 1.



Witnesses

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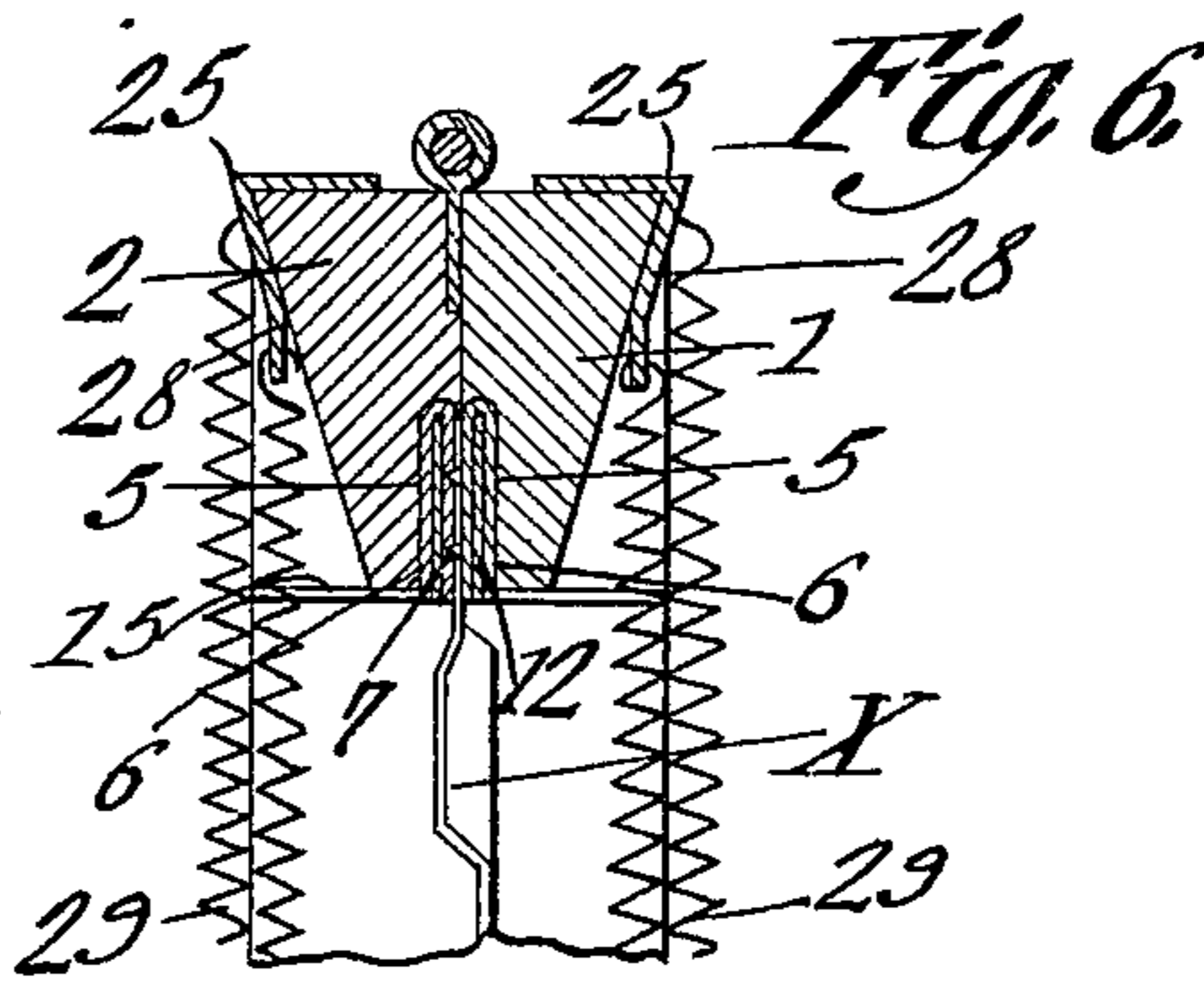
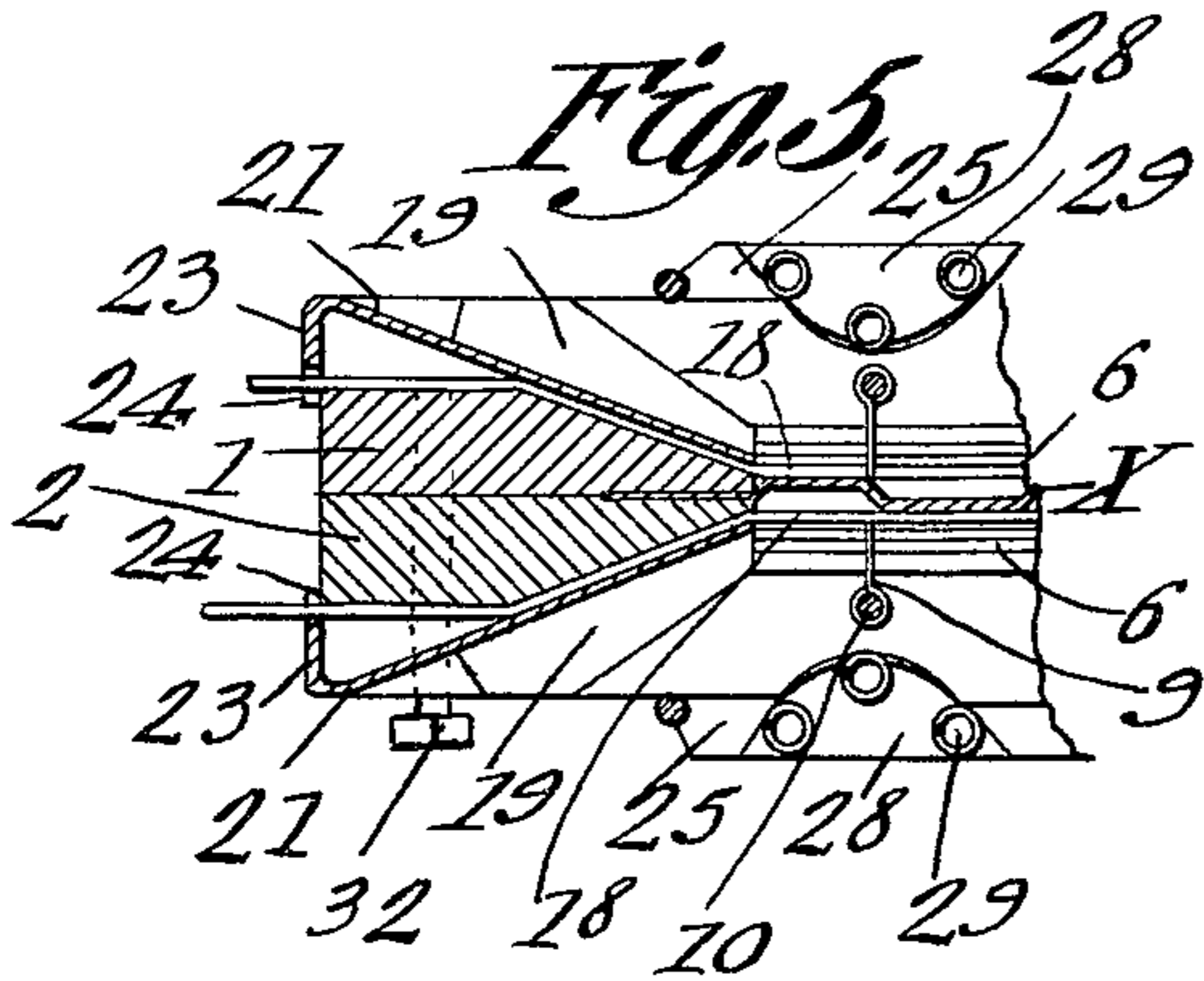
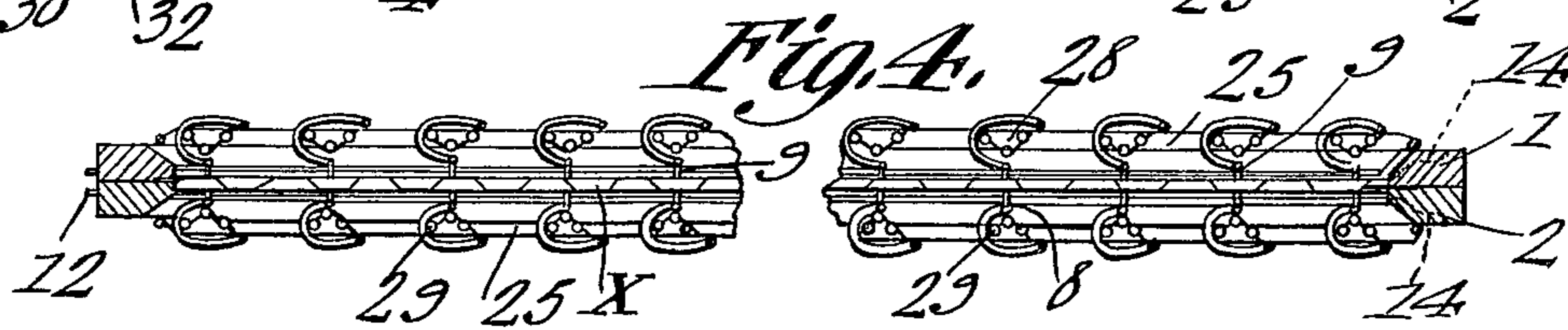
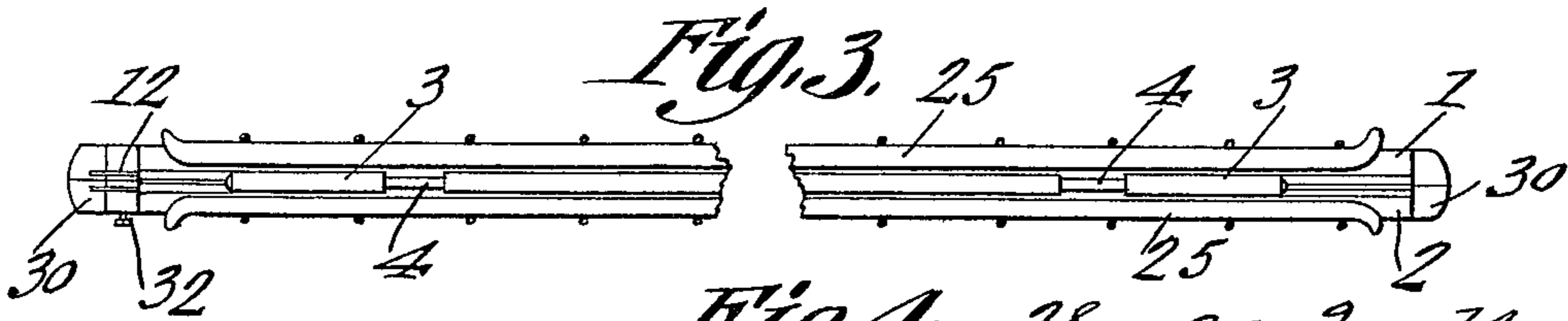
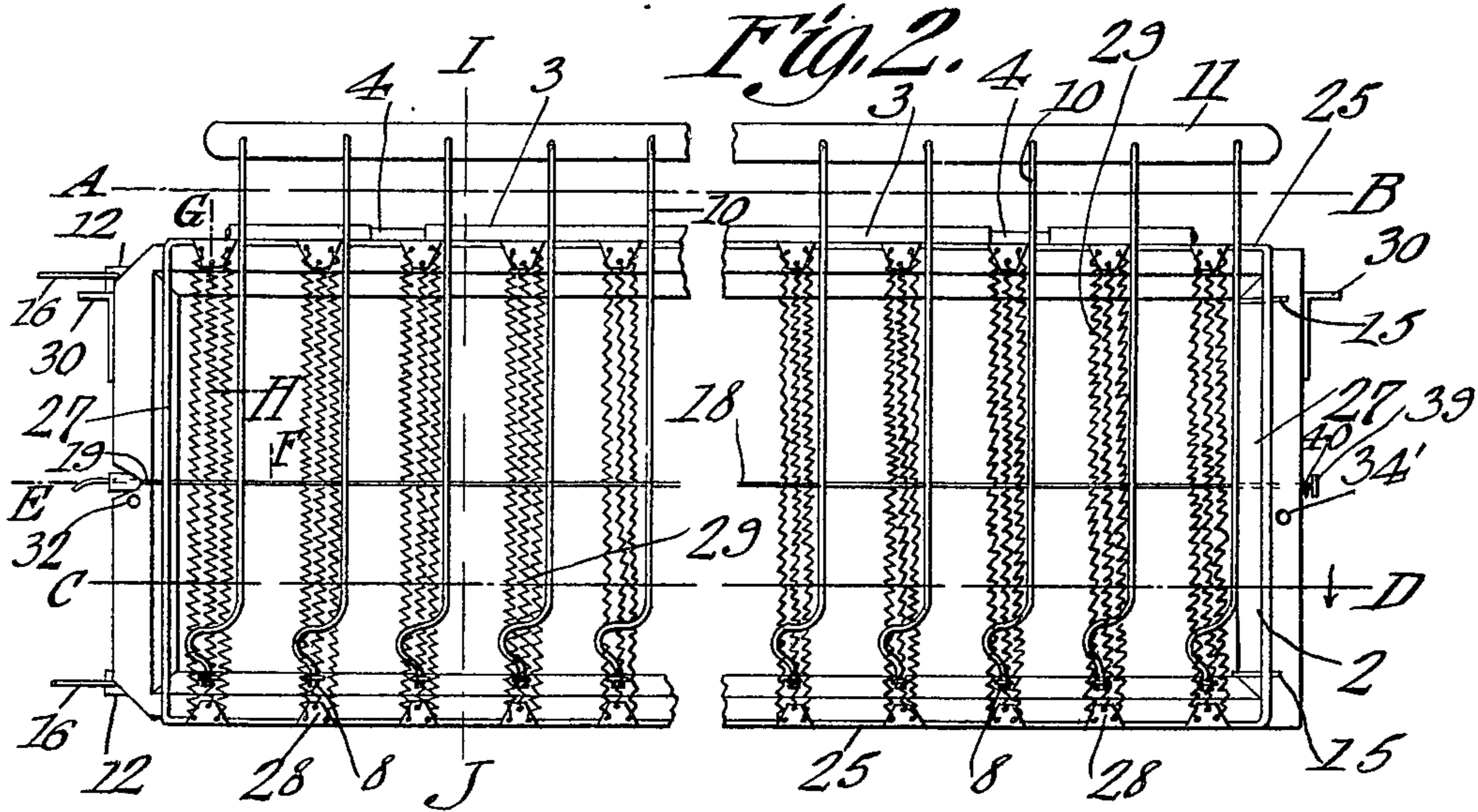
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3 SHEETS SHEET 2



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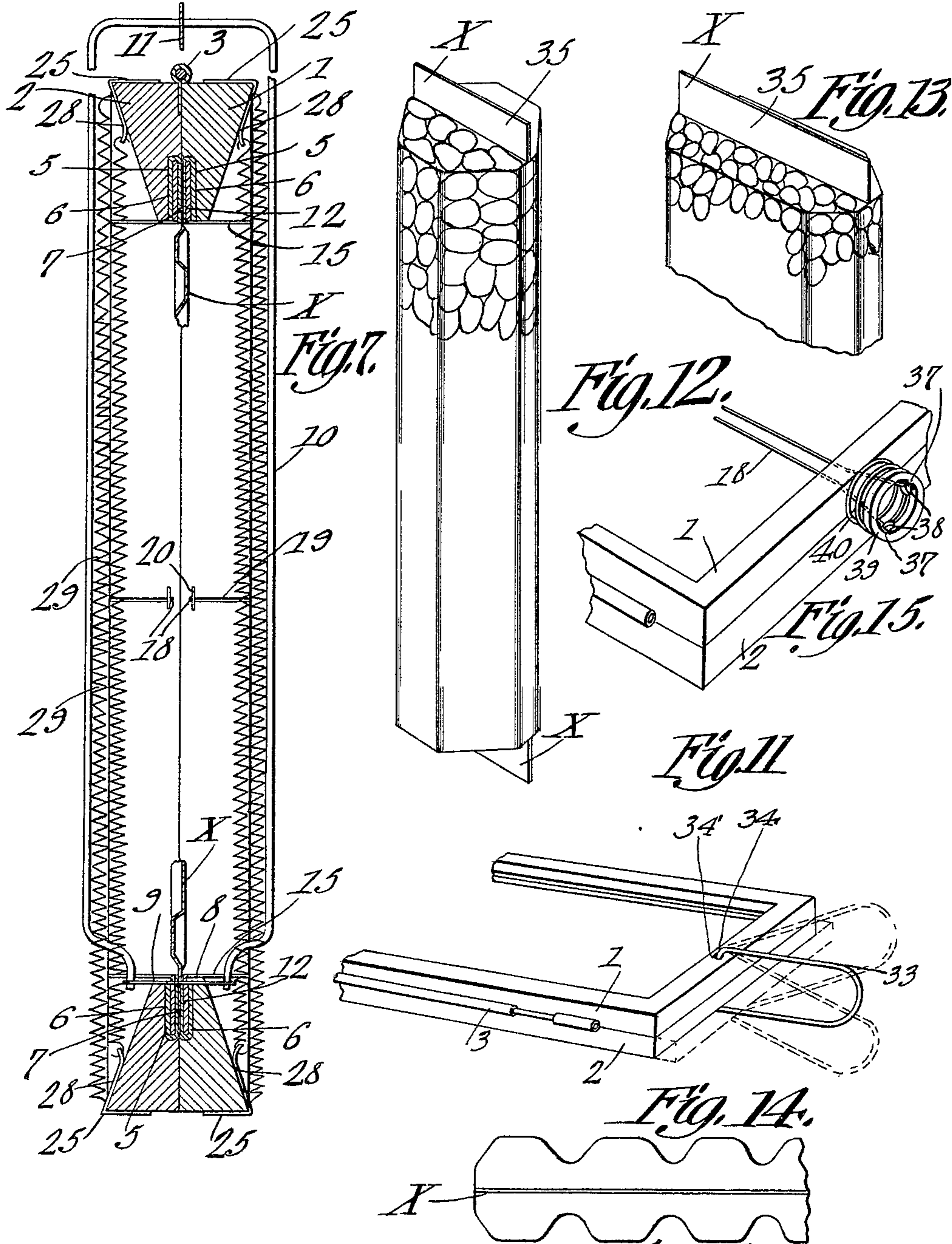
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3 SHEETS SHEET 3.



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UNITED STATES PATENT OFFICE.

GEORGE W. BABCOCK, OF BROCKPORT, NEW YORK.

COMB-HONEY-PRODUCING FRAME.

1,188,386.

Specification of Letters Patent. Patented June 27, 1916.

Application filed December 24, 1914. Serial No. 878,910.

To all whom it may concern:

Be it known that I, GEORGE W. BABCOCK, a citizen of the United States, residing at Brockport, in the county of Monroe and State of New York, have invented a new and useful Comb Honey Producing Frame, of which the following is a specification.

This invention relates to bee culture and more particularly to a comb honey producing frame, one of the objects of the invention being to provide means whereby cakes or sticks of comb honey may be formed in any desired shapes and sizes, the said cakes being completed in the hive and being finished with rounded faces which are sealed or capped over by the bees whereby there is an absence of moisture on the exterior faces of the completed articles.

A further object is to provide a novel form of frame to be placed in the hive or super and which frame is equipped with novel means for holding the comb foundation.

A further object is to provide novel means for controlling the action of the bees whereby the sections or cakes of comb honey produced in the frame are provided with rounded faces.

Another object is to provide means whereby the various cakes of comb honey can be separated without removing the frame from the hive or super, the severed portions being thus left properly supported in the frame where the bees will be free to collect the released honey, thus completing the formation of the separate cakes.

Another object is to provide simple means whereby the cakes or sticks of comb honey formed in the frame can be severed transversely, thus to divide the same into two parts, this action taking place without removing the frame from the hive or super so that the honey freed from the cut cells can be taken up by the bees and the cut cells sealed or capped so that a finished product will be obtained.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the pre-

ferred form of the invention has been shown.

In said drawings: Figure 1 is a perspective view of a portion of a hive with the super thereon, parts of the super being broken away to show the set of frames and fences within the super. Fig. 2 is a side elevation of a frame, the middle portion thereof being removed. Fig. 3 is a section on line A—B Fig. 2. Fig. 4 is a section on line C D Fig. 2. Fig. 5 is an enlarged section on line E F Fig. 2. Fig. 6 is an enlarged section on line G H Fig. 2. Fig. 7 is an enlarged section on line I J Fig. 2, only a portion of the comb foundation being shown. Fig. 8 is a perspective view of one of the vertical cutters and its actuating bar. Fig. 9 is a perspective view of one of the top and bottom cutters. Fig. 10 is a detail view of one of the fastening clips of the intermediate cutter or wire. Fig. 11 is a perspective view showing the application of the implement used in the final cutting of the product. Fig. 12 is a perspective view of a stick of comb honey such as may be produced by means of the apparatus forming the present invention. Fig. 13 is a perspective view of one end portion of another form of cake or stick which can be produced. Fig. 14 is a top plan view of a portion of a comb as it appears prior to being cut into sections. Fig. 15 is a detail view showing the manner of connecting the severing and reinforcing wires at one end

Referring to the figures by characters of reference 1 and 2 designate the opposed sections of a frame, these sections being hingedly connected at their tops, as shown at 3 and the parts of the hinge being spaced, as at 4, so as to allow each frame section to shift laterally a limited distance relative to the other section. The inner or meeting faces of the upper and lower rails of the frame sections are grooved or rabbeted, as at 5, thus to receive channeled guide strips 6 designed to bind upon the upper and lower edges of a comb foundation X, the side edges of the foundation being gripped between the side rails of the frame section 1. Short teeth or spurs 7 are provided preferably on the channel strips 6 of one frame section and are adapted to project through the foundation. Apertures are formed within the opposed channel strips 6 and are adapted to hold the foundation to said strips.