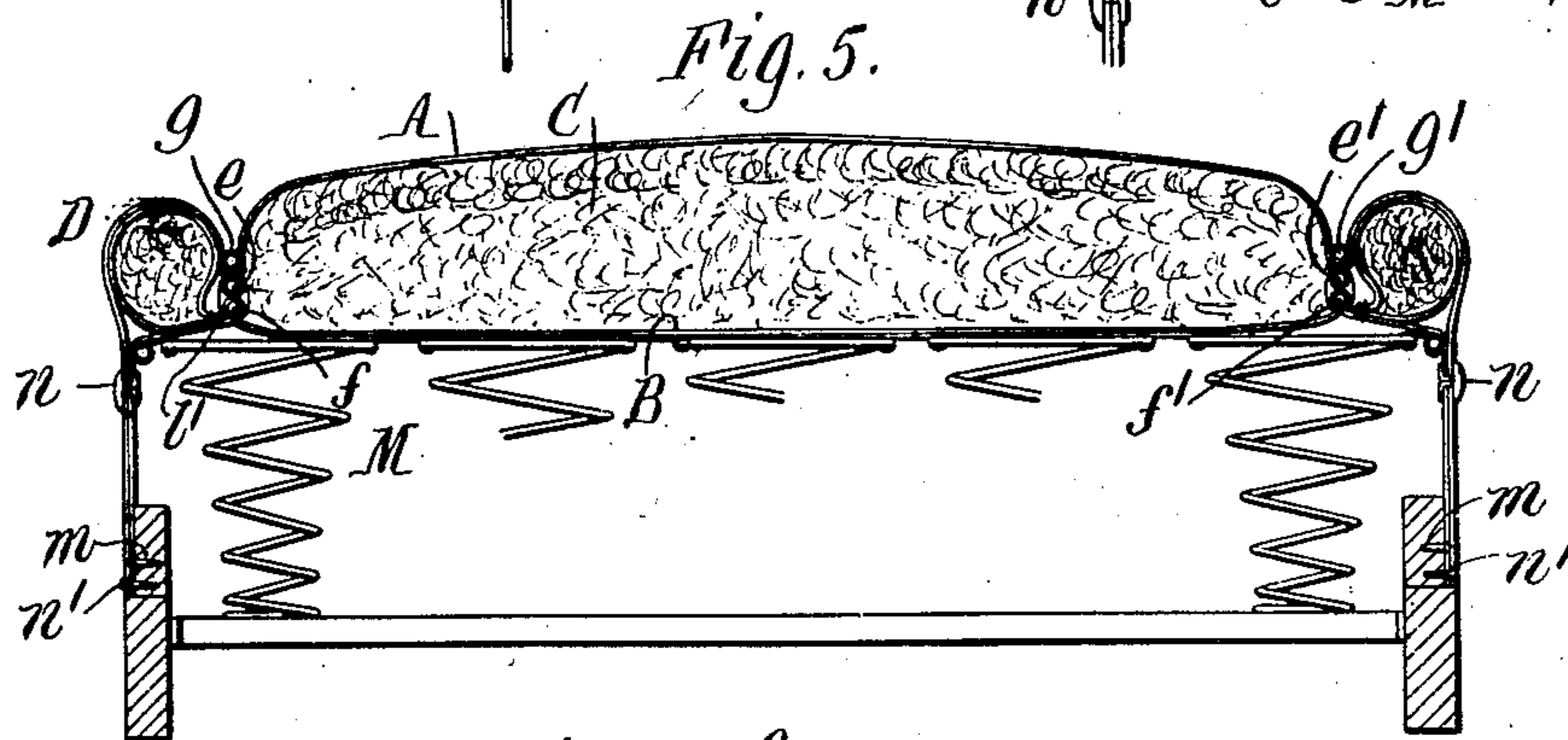
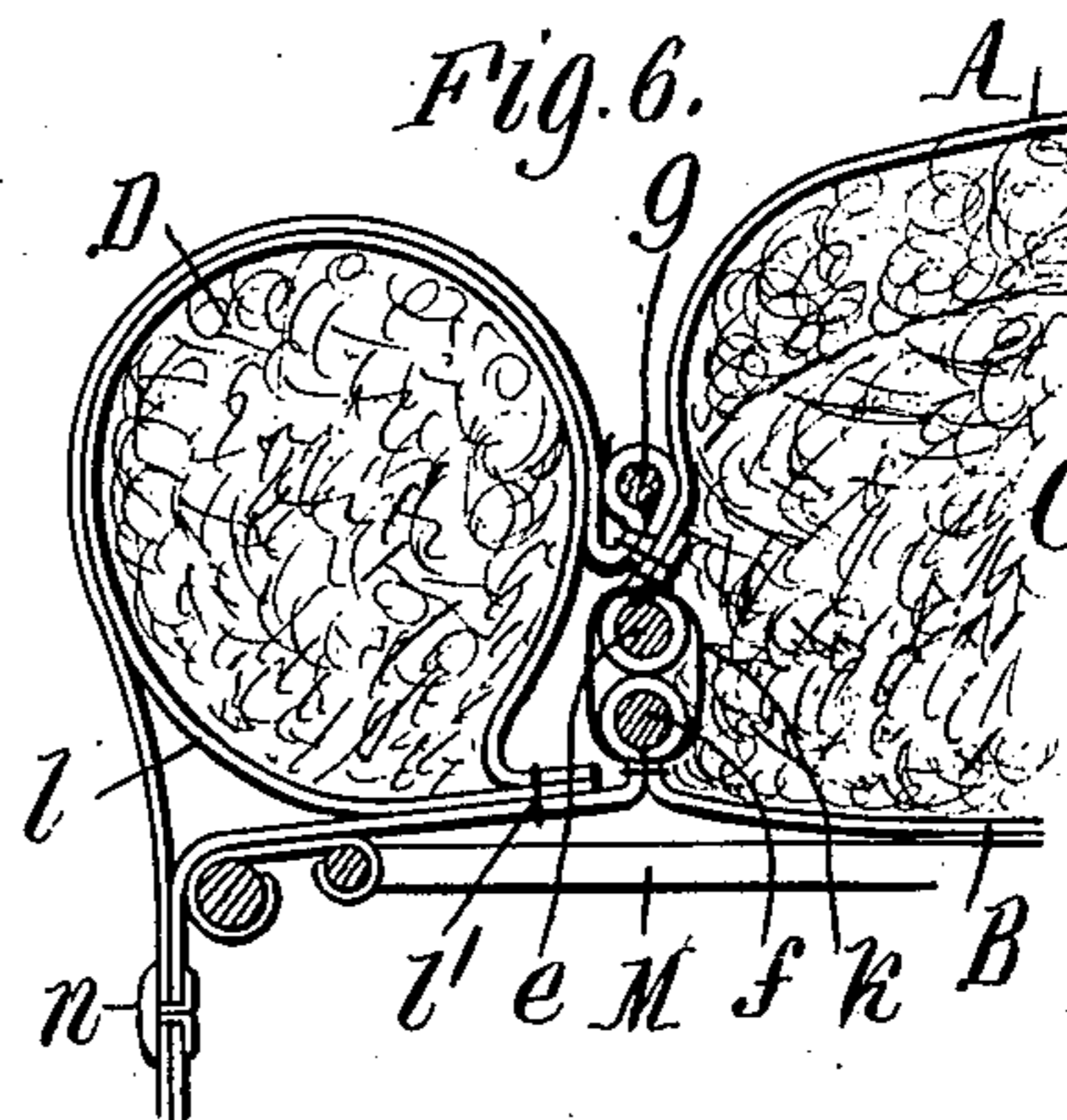
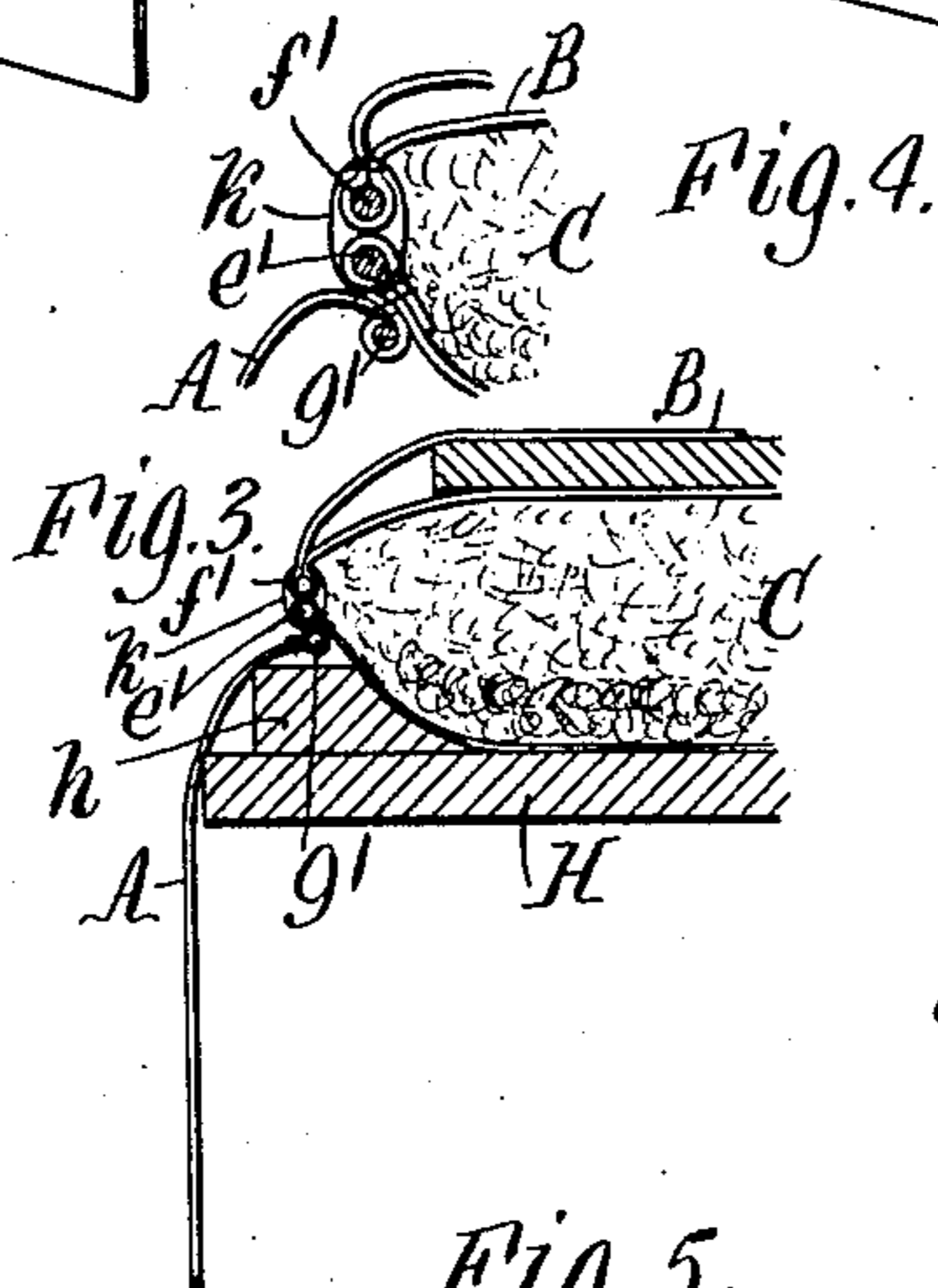
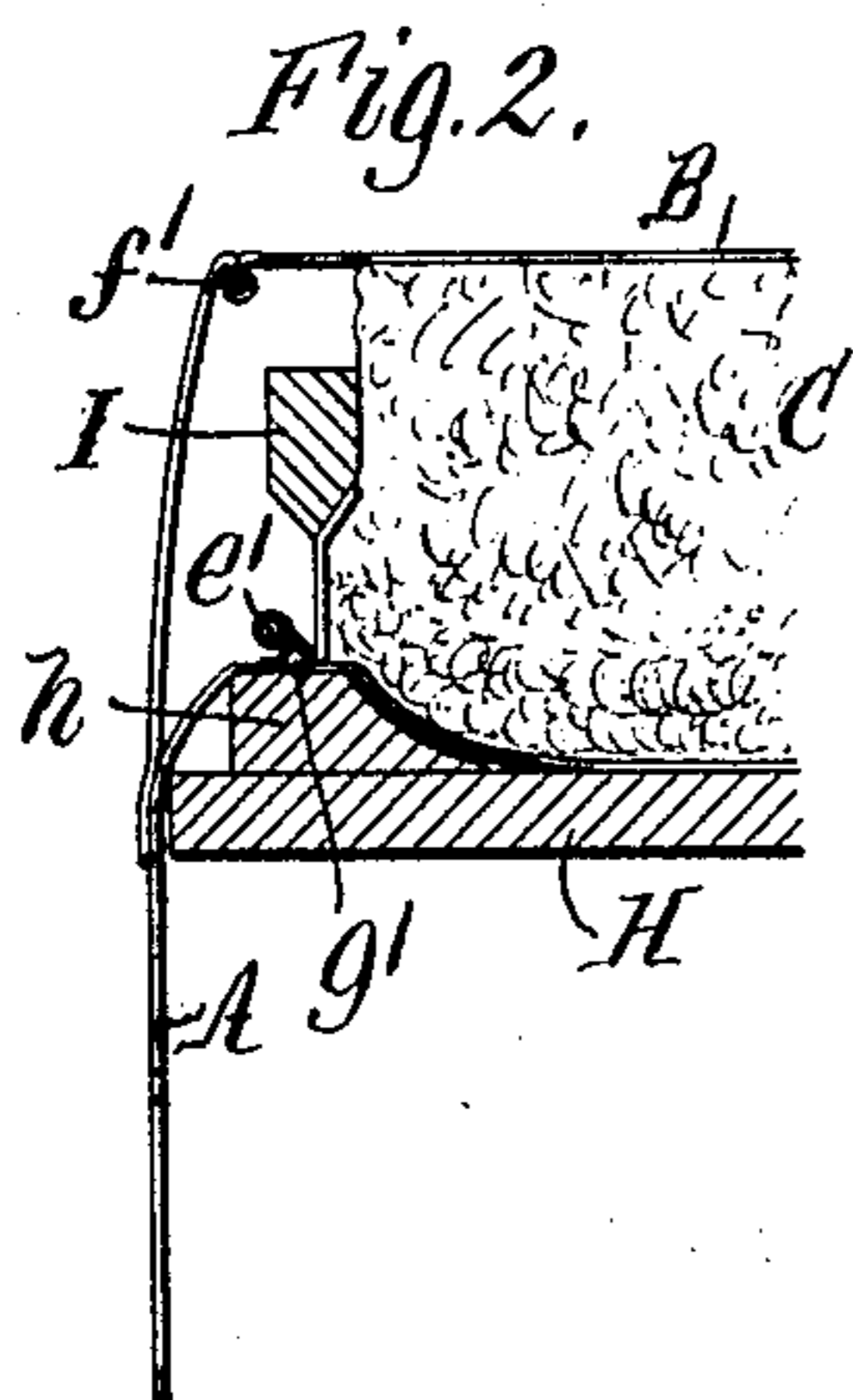
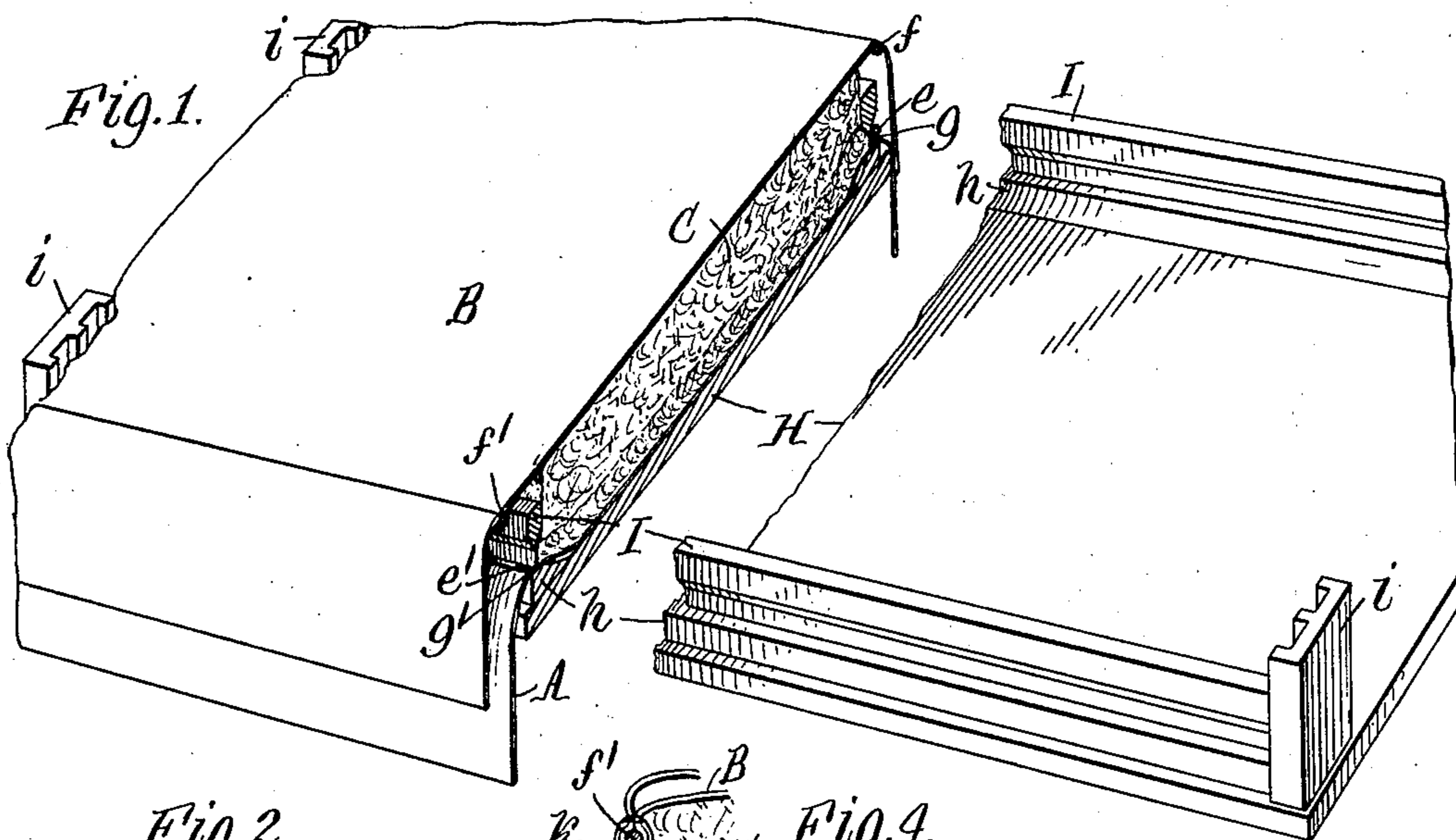


No. 880,738.

PATENTED MAR. 3, 1908.

H. J. JACOBS.
UPHOLSTERED FURNITURE.
APPLICATION FILED NOV. 5, 1907.



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UNITED STATES PATENT OFFICE.

HENRY J. JACOBS, OF BUFFALO, NEW YORK, ASSIGNOR TO BUFFALO LOUNGE COMPANY, OF BUFFALO, NEW YORK.

UPHOLSTERED FURNITURE.

No. 880,738.

Specification of Letters Patent.

Patented March 3, 1908.

Application filed November 5, 1907. Serial No. 400,854.

To all whom it may concern:

Be it known that I, HENRY J. JACOBS, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Upholstered Furniture, of which the following is a specification.

This invention relates more particularly to furniture, such as couches, in which the upholstered tops or pads are made with a roll-like formation, commonly called a "roll-edge", along one or more of their edges. Such a roll-edge is ordinarily made by sewing or otherwise suitably joining together the top and bottom coverings of the pad so as to form a crease or depression in the pad parallel with its edge and separate the filling for the roll from the main body of the filling of the pad. The roll being at the edge of the pad is subjected to severe wear and strain in the use of the furniture and much difficulty has been experienced in making the joint or seam between the roll edge and the main body of the pad so that it will remain straight and retain the roll-edge in the original form and at the same time not complicate the construction of the top or pad and unduly increase the cost of manufacture of the same.

The primary object of this invention is to so construct a roll-edge upholstered top or pad that it can be manufactured expeditiously and inexpensively, and so that the joint between the roll-edge and main body of the pad will be strong and remain straight and intact so as to preserve indefinitely the original form and condition of the pad. To this end the top and bottom coverings of the pad are made and joined between the roll-edge and main body of the pad in the novel manner hereinafter described and set forth in the claims.

In the accompanying drawings, which illustrate a couch top or pad embodying the invention, and a portion of the apparatus for making the same, Figure 1 is a broken sectional perspective view of the apparatus with the covering and filling material for the pad in place therein ready to be compressed.

Fig. 2 is a fragmentary cross-section, on an enlarged scale, thereof. Fig. 3 is a similar view, showing the pad compressed and the coverings secured together. Fig. 4 is a section still further enlarged of the seam portion of the partially completed pad shown in

Fig. 3. Fig. 5 is a cross-section of the completed top or pad applied to the spring bottom of a couch. Fig. 6 is a cross-section, on an enlarged scale, of one side of the completed top or pad. Fig. 7 is a cross-section of a portion of the top covering for the pad.

Like letters of reference refer to like parts in the several figures.

A represents the top covering or facing of the upholstered pad, B the bottom covering or backing thereof, C the main body of the filling or stuffing, and D the roll edges.

In making the pad, the top and bottom coverings are first provided at the side or sides thereof at which the roll-edge is to be made, with wire welts which extend parallel with the edge of the coverings some distance inwardly therefrom.

e e' represent the welts for the top covering, and *f f'* those for the bottom covering or backing. The bottom covering preferably has only the two wire welts *f f'* and is made of a single piece of canvas, or other suitable material, the material being folded and sewed to form suitable pockets therein into which wires are inserted to make the welts. It is only necessary for the top covering to have the two wire welts *e e'*, and this covering too could be made of a single piece of leather, or other covering material, but it preferably has two finished corded welts *g g'* in addition to the wire-attaching welts *e e'* and is therefore most conveniently made of a central and two side pieces of material. The wires in the welts *e e'* are inserted in pockets formed at the opposite edges of the central piece, and the corded welts *g g'* are made at the inner edges of the side pieces of the cover. The central and side pieces of the covering are then stitched together between the wire and cord welts, see Fig. 7, which shows the welts at one side of the covering.

The pad is preferably formed in an apparatus of the sort shown in Fig. 1. The top covering A, made as described, is placed wrong side up on a table or forming board H provided with raised side strips or beads *h*. Side pieces or bars I are then placed in position with their thin lower edges bearing on the covering just inside of the welts and are secured by suitable means (not shown) to hold the covering in place. The table shown has corner posts *i* provided with vertical guide grooves for the side bars I, a plurality of guide grooves being preferably provided

in each side bar to enable the side bars to be placed at different distances apart for making tops of different widths. The filling or stuffing material C for the main body of the top is then placed on the top covering between the side bars I and the bottom covering B laid on the filling with its outer or bottom side up, as shown in Fig. 1. The table is then moved beneath the plunger of a press and the filling compressed between the side bars I, as usual. While the pad material is still held in the press the side bars I are removed, the side flaps or portions of the bottom covering thrown back, as shown in Fig. 3, and the two wire welts *e f* and *e' f'* at each side of the pad sewed together by a thread *k*, Fig. 4, passing around the two welts. When the coverings are thus joined at opposite sides, the pad is removed from the press and the fillings for the roll edges D secured in place on the flaps or side portions of the bottom covering outside of the connected welts. Preferably the filling for the roll-edge is stuffed in an inner wrapper *l* before it is applied to the pad, and the wrapper then sewed to the flap of the bottom cover, as indicated at *l'*, Fig. 5. The pad as thus far completed is then placed in position on the spring bottom M of the couch and the side flaps of the bottom covering drawn down and secured to the frame of the spring bottom by tacks or other suitable fastenings *m*, after which the side flaps of the top covering are drawn down tightly over the filling rolls and secured to the bottom covering and to the spring bottom frame by suitable fastenings, such, for instance, as buttons *n* and tacks *n'*.

The ends of the pad are finished in any usual or suitable manner, which forms no part of this invention.

In the pad constructed as above described, its top and bottom coverings are joined between the roll edges and main body of the pad by wire reinforced welts which are sewed together and form a stiff and very strong seam or connection, which enables the coverings to be stretched taut without danger of distorting or pulling out of shape the seam or crease between the roll-edge and main body of the pad. The seam is stiff and will remain straight and retain this form of the roll-edge. The pad can nevertheless be made more quickly and cheaply than by the old methods in which the wire welts are not employed. It will be observed that the wire welts are inclosed between the pad coverings and hidden from view. The cord welts *g g'* are employed simply to give a finished appearance to the pad, but these could be omitted in so far as the strength of the connection for the pad coverings is concerned.

I claim as my invention:

1. A top or pad for upholstered furniture comprising filling material, and top and

bottom coverings therefor each provided on its inner face with a stiff welt substantially parallel with one edge of the covering, said welts being secured together between portions of the pad filling, and the edges of said coverings adjacent to said welts being secured, whereby a roll-edge is formed on the pad, substantially as set forth.

2. A top or pad for upholstered furniture comprising filling material, top and bottom coverings therefor each provided on its inner face with a stiff welt substantially parallel with one edge of the covering, said welts being secured together at one edge of the filling, and an incased filling roll arranged between the edge portions of said coverings, said edge portions of said coverings being secured around said filling roll, substantially as set forth.

3. A top or pad for upholstered furniture comprising filling material, and top and bottom coverings therefor each provided on its inner face with a stiff welt substantially parallel with one edge of the covering, said welts being secured together between portions of the pad filling, the edges of said coverings adjacent to said welts being secured, whereby a roll edge is formed on the pad, and said top covering having also a finishing welt on its outer face adjacent to its stiff welt, substantially as set forth.

4. A top or pad for upholstered furniture comprising filling material, and top and bottom coverings therefor, said top covering consisting of separate pieces sewed together, one of said pieces having a wire welt on the inner face of the covering and the other piece a finishing welt on the outer face of the covering adjacent to the seam joining said pieces, and said bottom covering having a wire welt on its inner face, said wire welts of the top and bottom coverings being sewed together, and the edges of said coverings adjacent to said welts being secured to confine the edge portion of the filling material, substantially as set forth.

5. The combination of a pad comprising filling material, top and bottom coverings therefor, each provided on its inner face near opposite edges thereof with wire welts, the two welts at each side of the coverings being secured together, a spring bottom on which said pad rests and to which the opposite edges of said coverings are secured, and incased filling rolls inclosed between the edge portions of said coverings, substantially as set forth.

Witness my hand, this 31st day of October, 1907.

HENRY J. JACOBS.

Witnesses:

AUGUST BECKER,
L. V. HEINEMANN.