

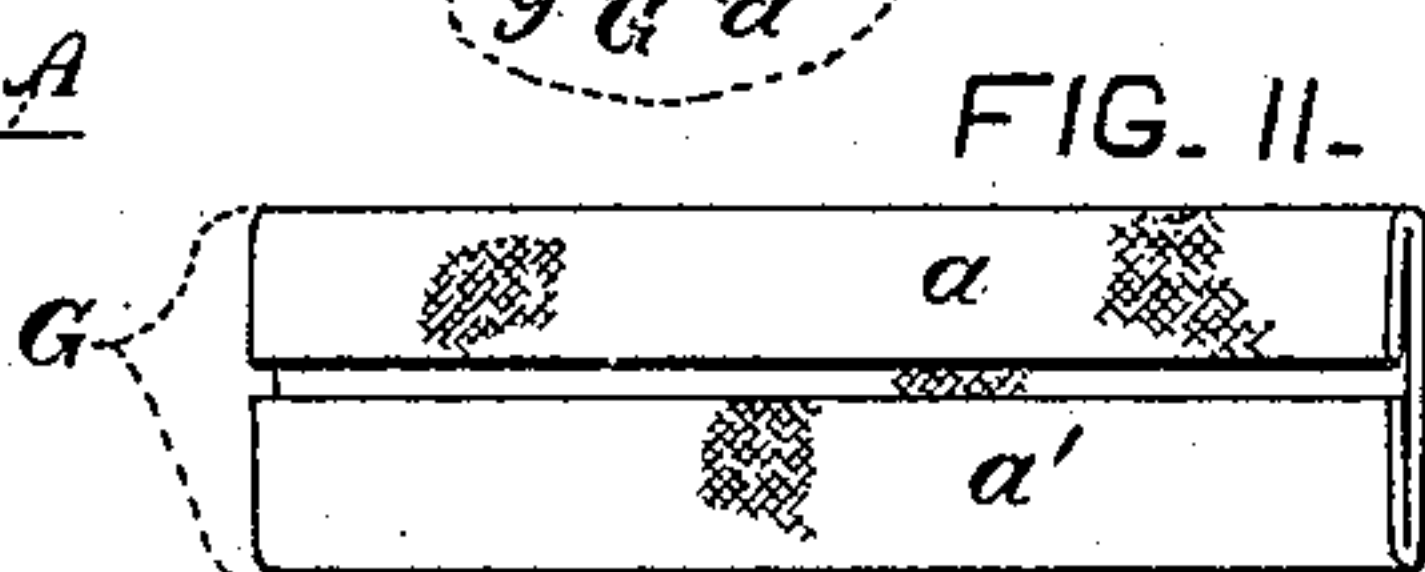
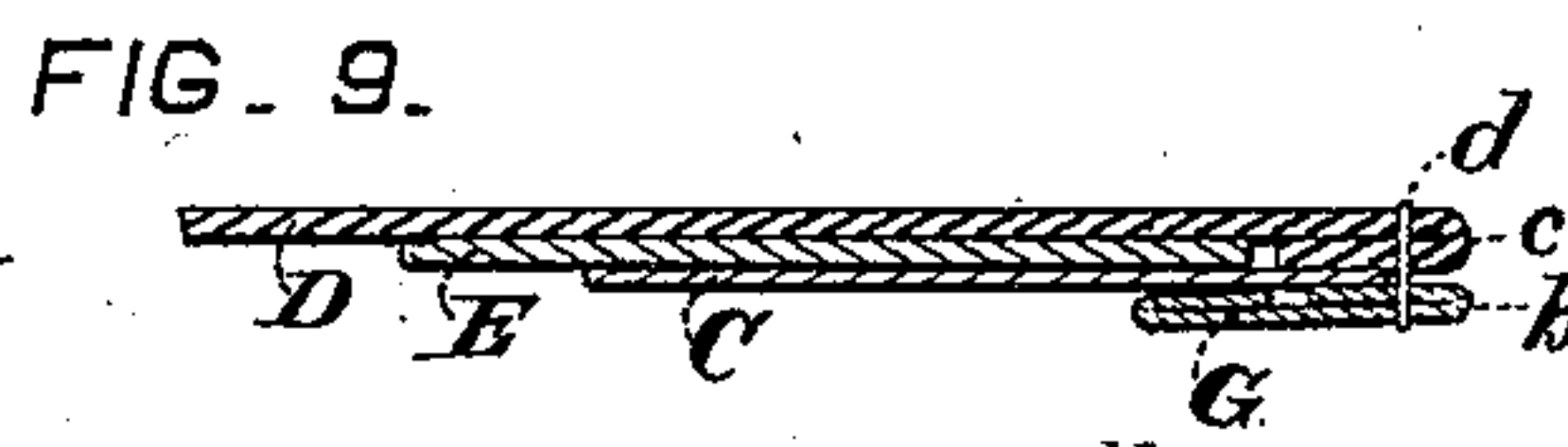
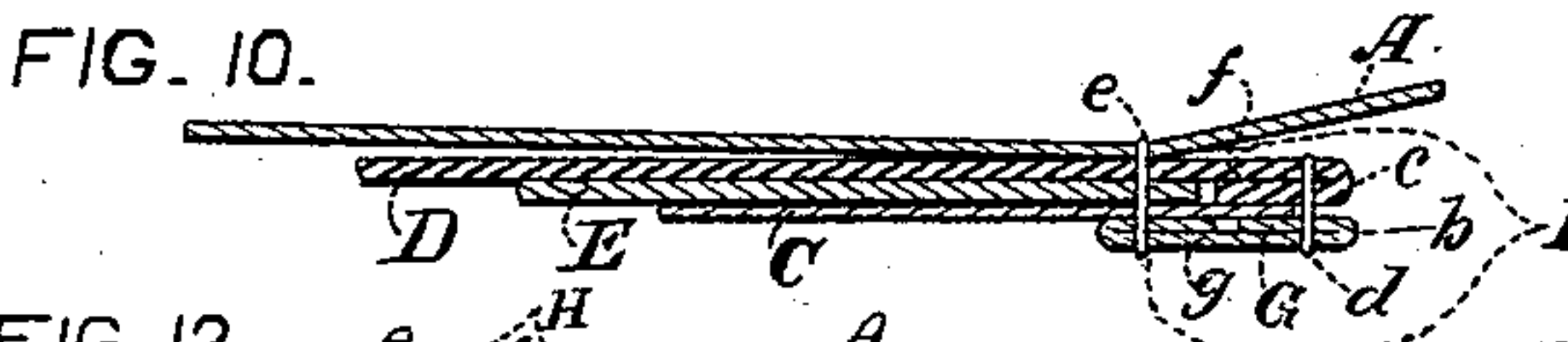
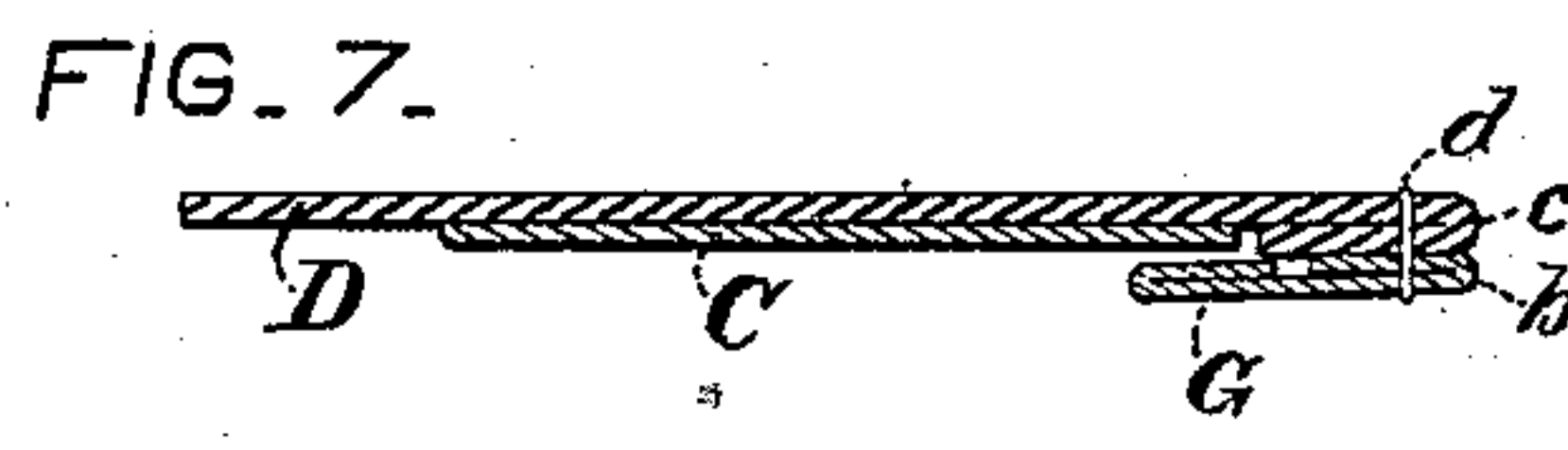
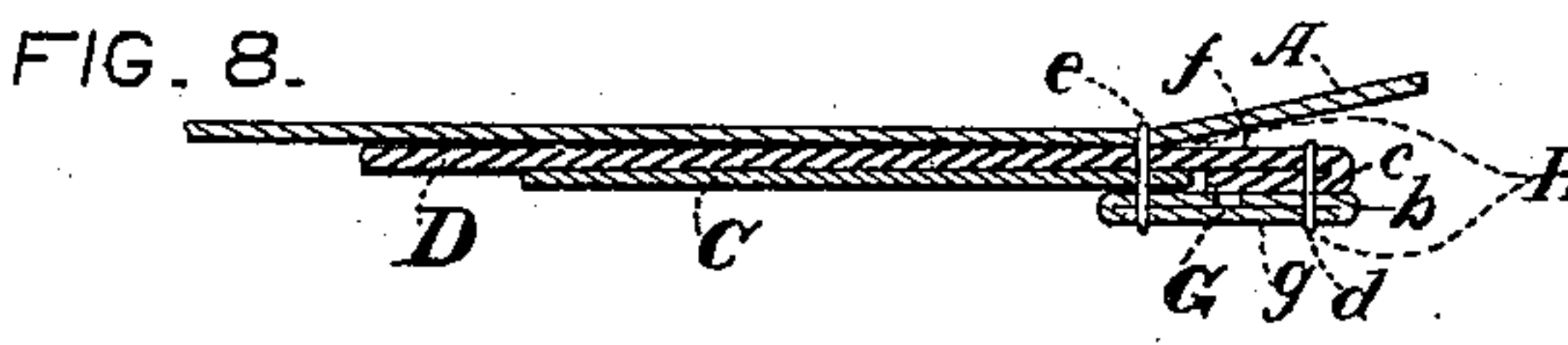
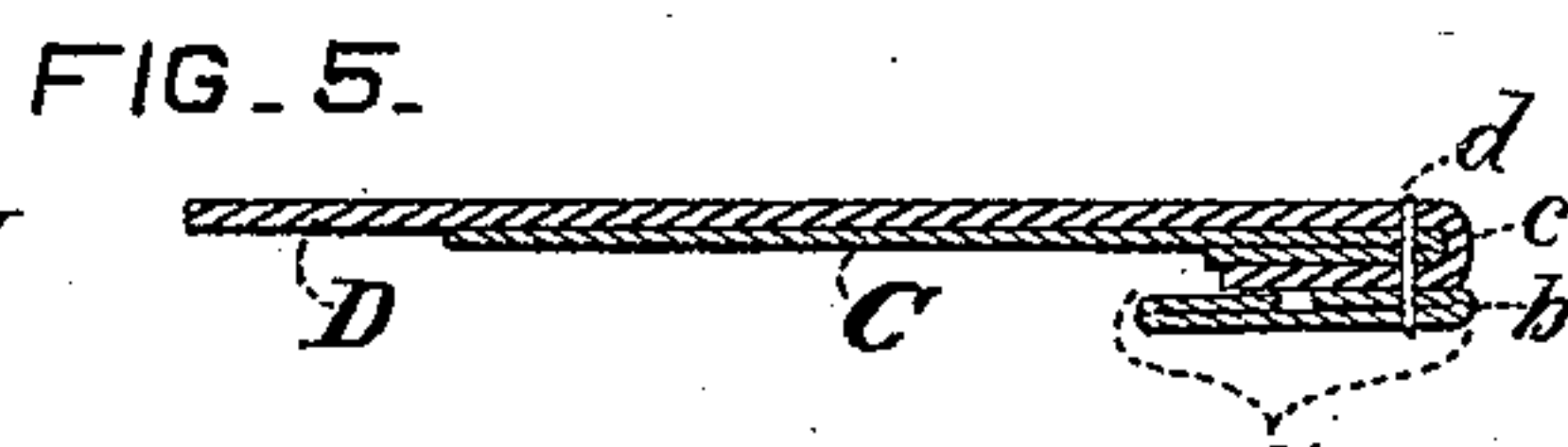
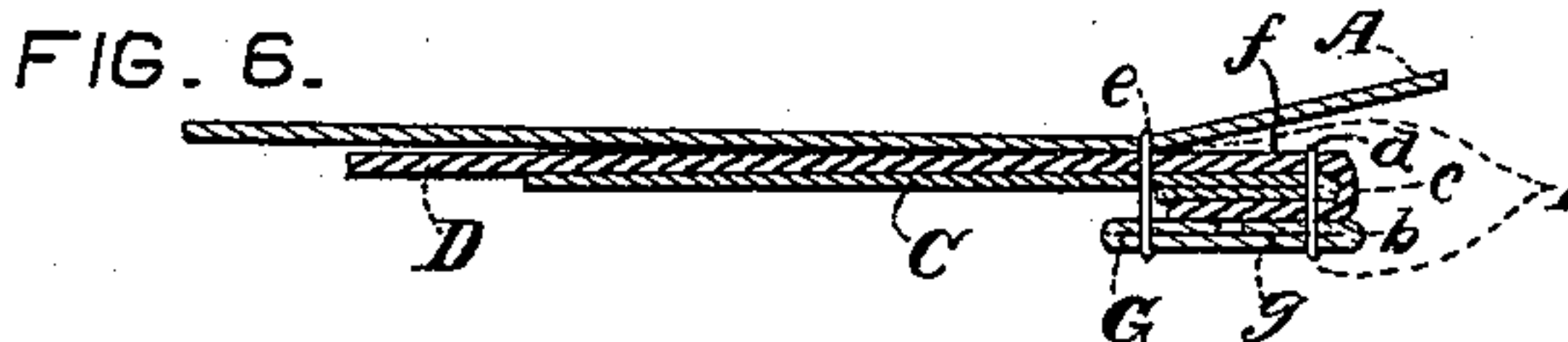
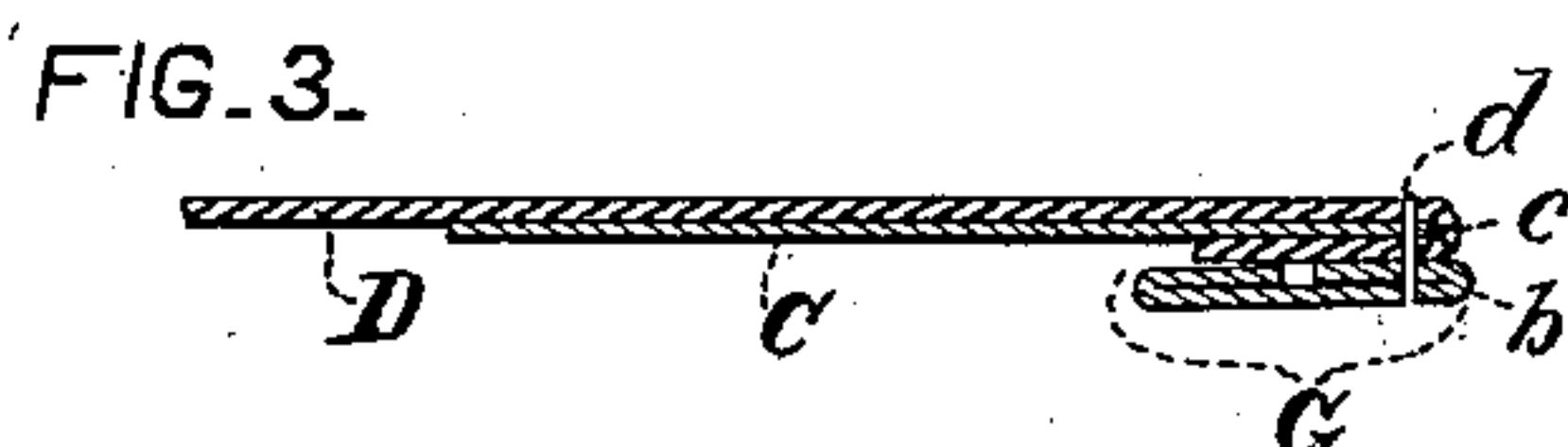
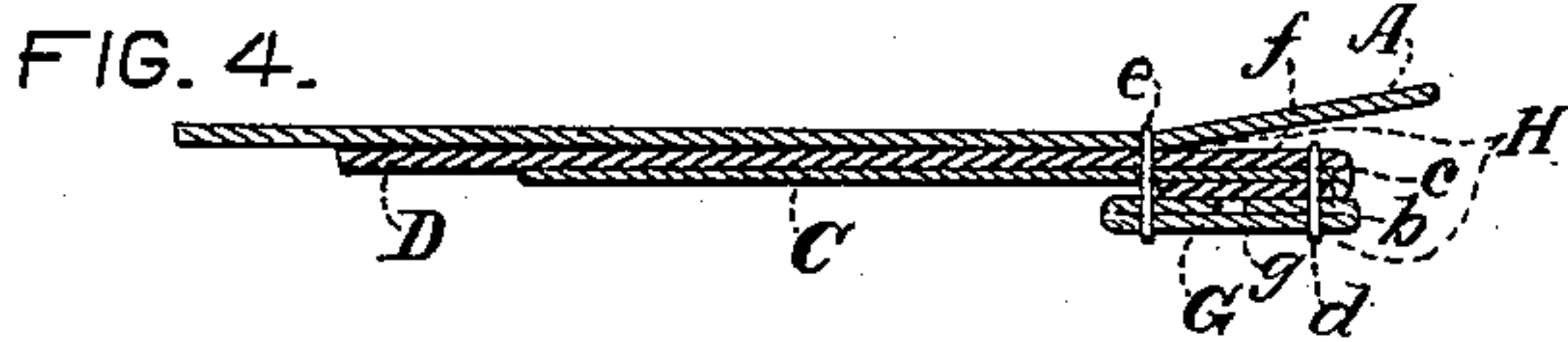
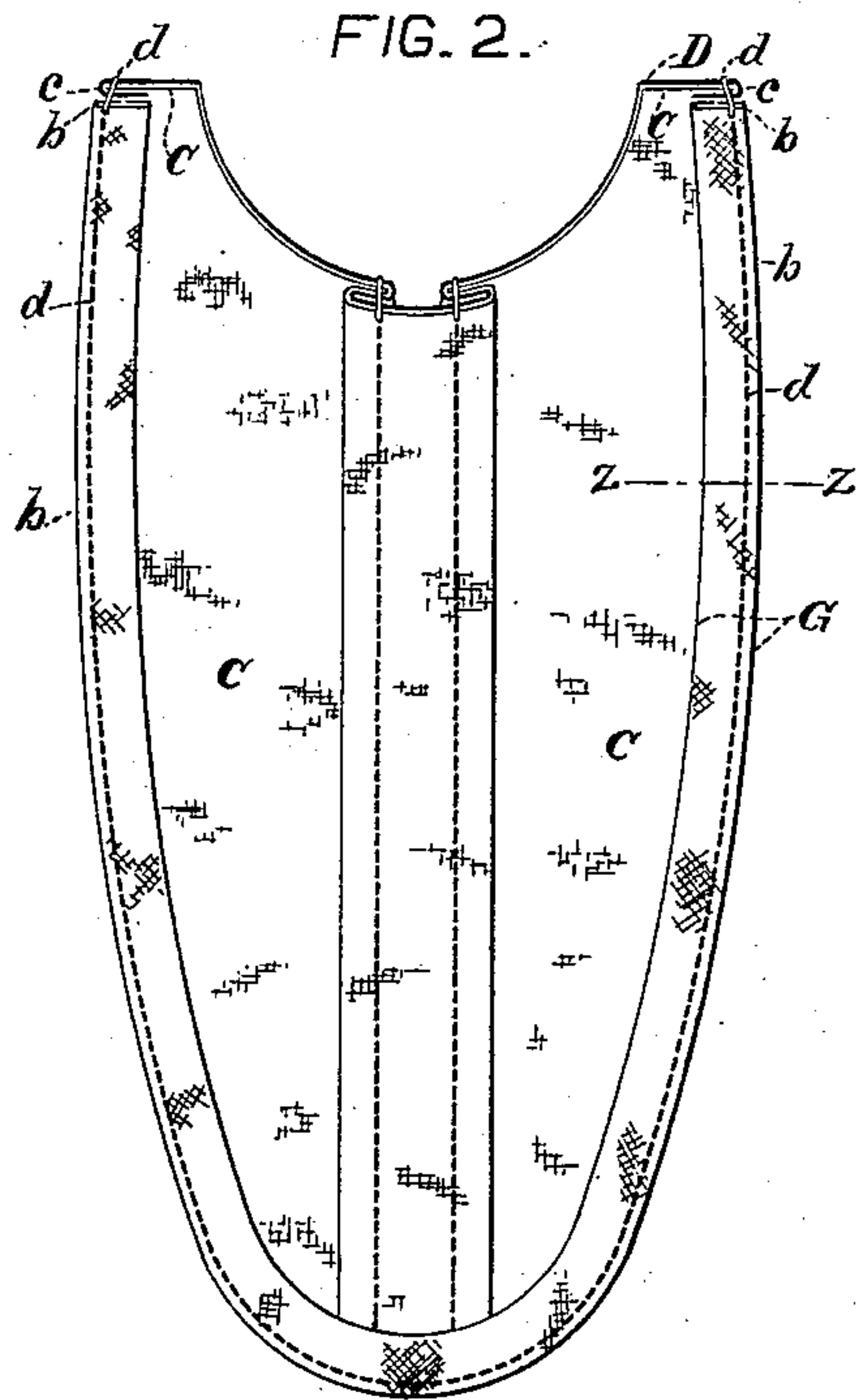
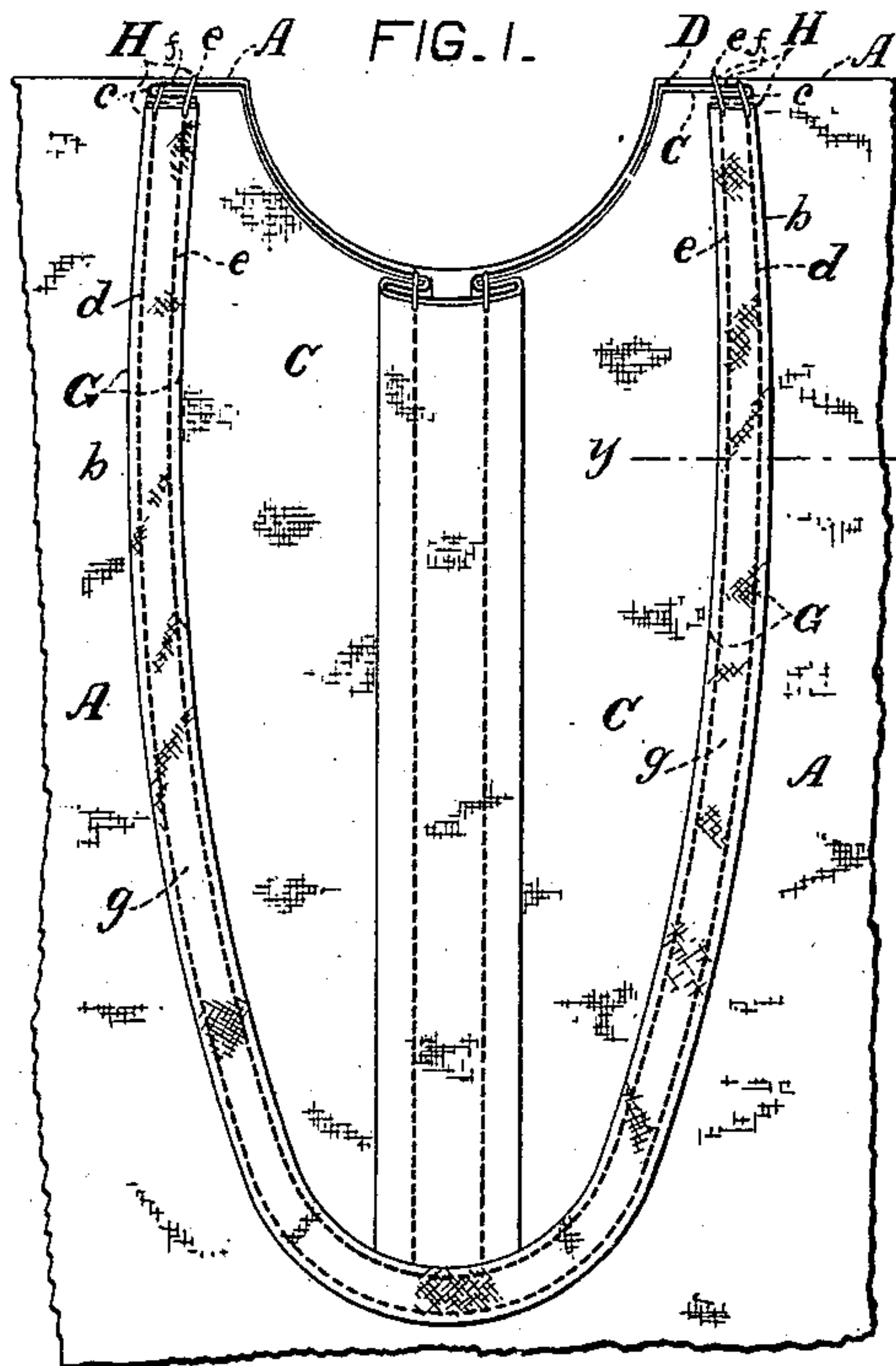
(No Model.)

M. HERMANN.

METHOD OF SECURING A BOSOM TO A SHIRT BODY.

No. 332,799.

Patented Dec. 22, 1885.



WITNESSES:

Charles Pieper  
Austin F. Park

INVENTOR:

Max Hermann



# UNITED STATES PATENT OFFICE.

MAX HERMANN, OF TROY, NEW YORK, ASSIGNOR TO TIM, WALLERSTEIN & CO., OF SAME PLACE.

## METHOD OF SECURING A BOSOM TO A SHIRT-BODY.

SPECIFICATION forming part of Letters Patent No. 332,799, dated December 22, 1885.

Application filed March 31, 1885. Serial No. 160,734. (No model.)

*To all whom it may concern:*

Be it known that I, MAX HERMANN, a citizen of the United States, residing in the city of Troy, in the county of Rensselaer and State of New York, have invented a new and useful Improvement in Shirts, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in shirts, in which the bosom has a loose border or edge fly that has the whole of its rear surface formed by a rear layer of the bosom.

The general objects of my improvement are to produce such a shirt with the bosom neatly and durably finished and attached to the shirt-body at a cheap rate, to avoid having the front edge and surface of the border part of the bosom formed by any of the main bosom-layers, and to furnish and finish the front or face of the bosom with a raised border-band having folded edges and constituting the front surface of the edge fly of the bosom without extending rearward across the outer edge thereof.

In the accompanying drawings, Figure 1 is a front view of a portion of the front of a shirt that embodies one form of my invention. Fig. 2 is a front view of the bosom of the same shirt as made ready to be attached to the shirt-body. Fig. 3 is a section of a part of the same bosom at the line  $z z$  in Fig. 2, and Fig. 4 is a section at the line  $y y$  in Fig. 1 of a part of the same bosom and shirt-body secured together. Figs. 5, 7, and 9 represent sections of the border part of variously-constituted bosoms; and Figs. 6, 8, and 10 are like sections of the same bosoms attached to a layer of the body of the shirt-front, all according to my present invention. Fig. 11 represents a part of a separate strip having folded edges and constituting the raised border and finishing-band on the front side of the bosom. Figs. 12, 13, and 14 indicate sections of the border parts of bosoms constructed and attached according to my invention to variously-constituted shirt-bodies.

Similar parts are marked by like letters in the different figures, and the parts are shown disproportioned to better illustrate the construction.

A is a layer of fabric, which in Figs. 1, 4, 6, 8, 10, and 14 constitutes the body of the shirt-front, and in Figs. 1, 4, 6, 8, and 10 is continued across the back of the bosom. In Figs. 12, 13, and 15 the layer A is re-enforced by a front layer, B, which is attached with the layer A to the bosom. In Fig. 12 the layer A is extended across the back of the bosom, and the layer B may be likewise extended.

The bosom is to be made of any desired shape, and of any proper number of layers, thicknesses, or plies of woven fabric, and either closed, as shown in Figs. 1 and 2, or in two lateral parts or halves with a lengthwise slit between to constitute an open-front bosom. The bosom is shown with a front layer, C, and a rear layer, D, and in Figs. 9, 10, 12, and 15 with an intermediate layer, E.

In Figs. 13, 14, and 15 no body-layer of the shirt-front is continued across the back side of the bosom; but that side is covered in Figs. 13 and 14 by a separate lining, F, which is attached with the body-layer A or layers A B to the bosom-layers. The rear layer, D, of the bosom is folded forward and inward, either directly upon itself, as illustrated in Figs. 7, 8, 9, 10, 13, and 14, or in front of one or more of the bosom-layers, as indicated in Figs. 1, 2, 3, 4, 5, 6, 12, and 15. G is a separate strip of woven fabric, which is folded rearward and inward along its two edges, and is arranged with its two lapping parts,  $a a'$ , against the front side of the border portion of the assembled bosom-layers, and with the outer edge fold,  $b$ , of the strip along the outer edge fold,  $c$ , of the rear bosom-layer, D, and is there attached to the bosom alone by a line of stitches,  $d$ , extending through the folded outer edge part of the strip G, through the folded outer part of the rear layer, D, and through whatever layer or layers of the bosom shall intervene at said line of stitches, substantially as illustrated by Figs. 2, 3, 5, 7, and 9. The bosom having the border-band G thus attached by the row of stitches  $d$  is attached to the layer A or layers A B of the shirt-front by an inner row of stitches,  $e$ , extending through and along the inner folded edge part of the finishing-strip G, through the layers of the bosom and body of the shirt-front, and through



the bosom-lining when present, substantially as indicated by Figs. 1, 4, 6, 8, 10, 12, 13, 14, and 15.

By this improvement the shirt is furnished  
5 with a bosom provided with a loose border or edge fly, H, extending outward from the inner row of stitches, *e*, and having its rear surface, *f*, and the rear part, *c*, of its edge formed wholly by the rear layer, D, of the bosom, and  
10 its front surface, *g*, and only the forward part, *b*, of its edge formed by the separate folded strip G, which constitutes a raised ornamental band, that covers and conceals the contiguous raw edges of the bosom-layers, as shown, and  
15 may be of any desired different quality, shade, or color from the main layers of the bosom.

Some shirts have been devised with a bosom formed with a loose border having its rear  
20 surface and the rear part of its outer edge formed by the forwardly and inwardly folded border portion of one of the rear layers of the bosom, while the loose border of the bosom did not have any raised strip or band on  
25 its front side, but had its front surface and the forward part of its outer edge composed of the border part of the front layer of the bosom.

Some shirts heretofore made by me have had a bosom with an edge fly having its front surface 30 and the forward part of its edge formed by a separate raised strip with folded edges, and the rear surface and the rear portion of the edge of the same fly formed by a reversely-folded edge portion of one of the layers of the body 35 of the shirt-front, and I do not herein claim such a shirt.

I claim as my invention—

The method of securing a bosom to a shirt-body by folding forward the edge part of the 40 rear layer of the bosom, placing on and along the front side of the border part of the bosom a strip folded rearward along its edges, and stitching the outer edge part of the folded strip to the bosom-layers, and the inner edge 45 part of said strip to the bosom-layers and shirt-body, substantially as set forth.

In testimony whereof I hereunto set my hand, in the presence of two subscribing witnesses, this 28th day of March, 1885.

MAX HERMANN.

Witnesses:

CHARLES PIEPER,  
AUSTIN F. PARK.