

No. 771,367.

PATENTED OCT. 4, 1904.

A. HESS & J. P. THINES.
BALE TIE.

APPLICATION FILED JAN. 9, 1904.

NO MODEL.

Fig. 1.

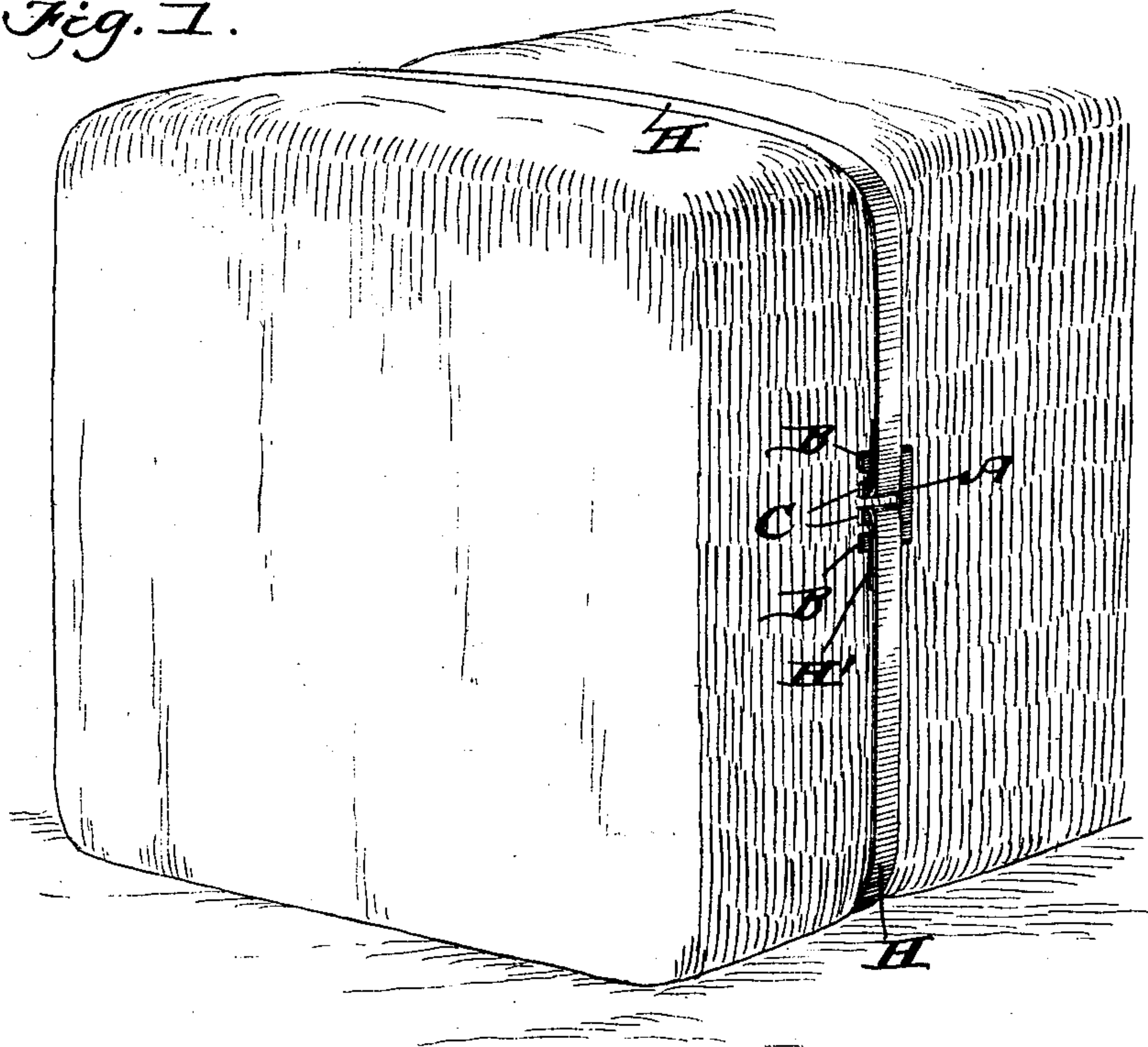


Fig. 2.

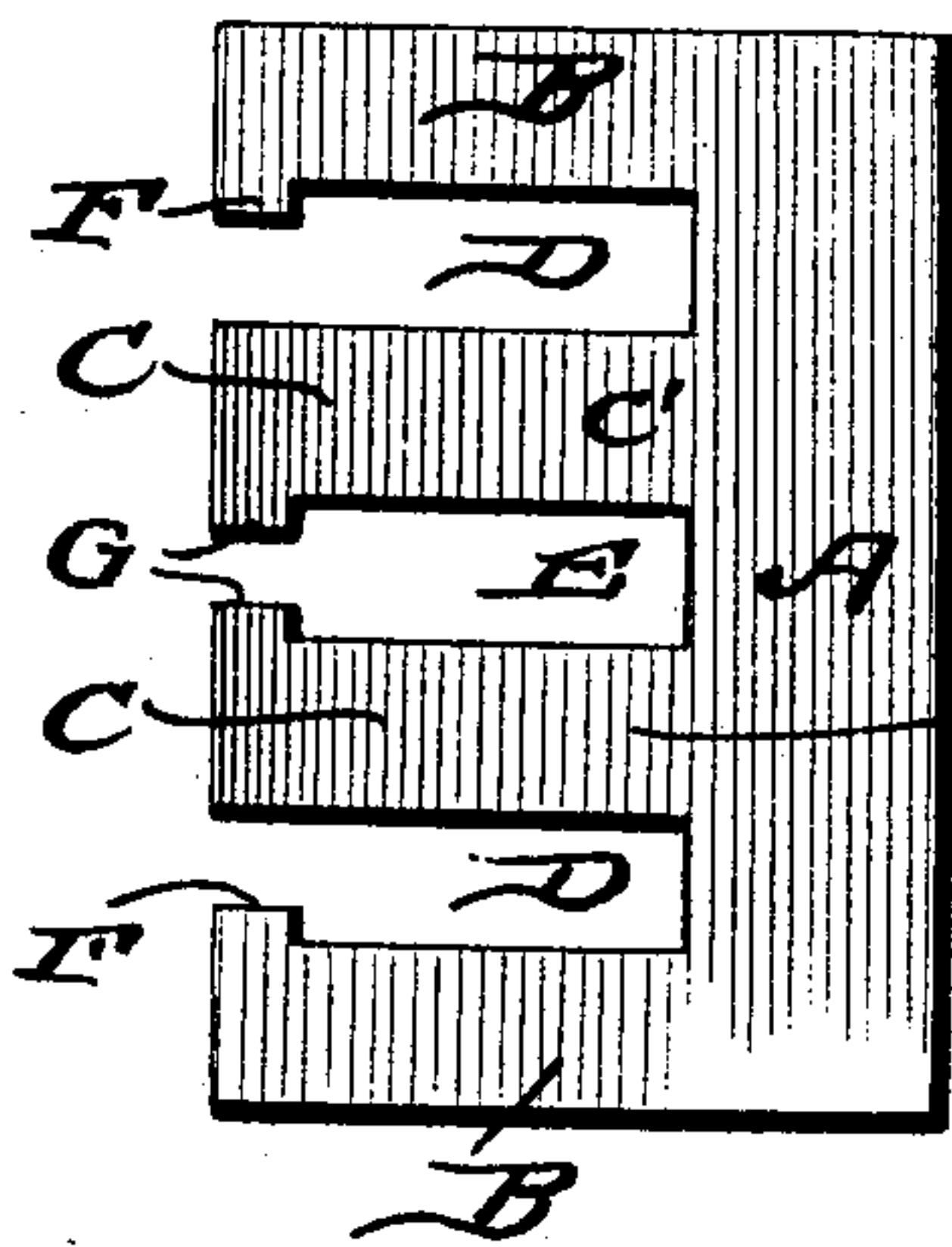


Fig. 3.

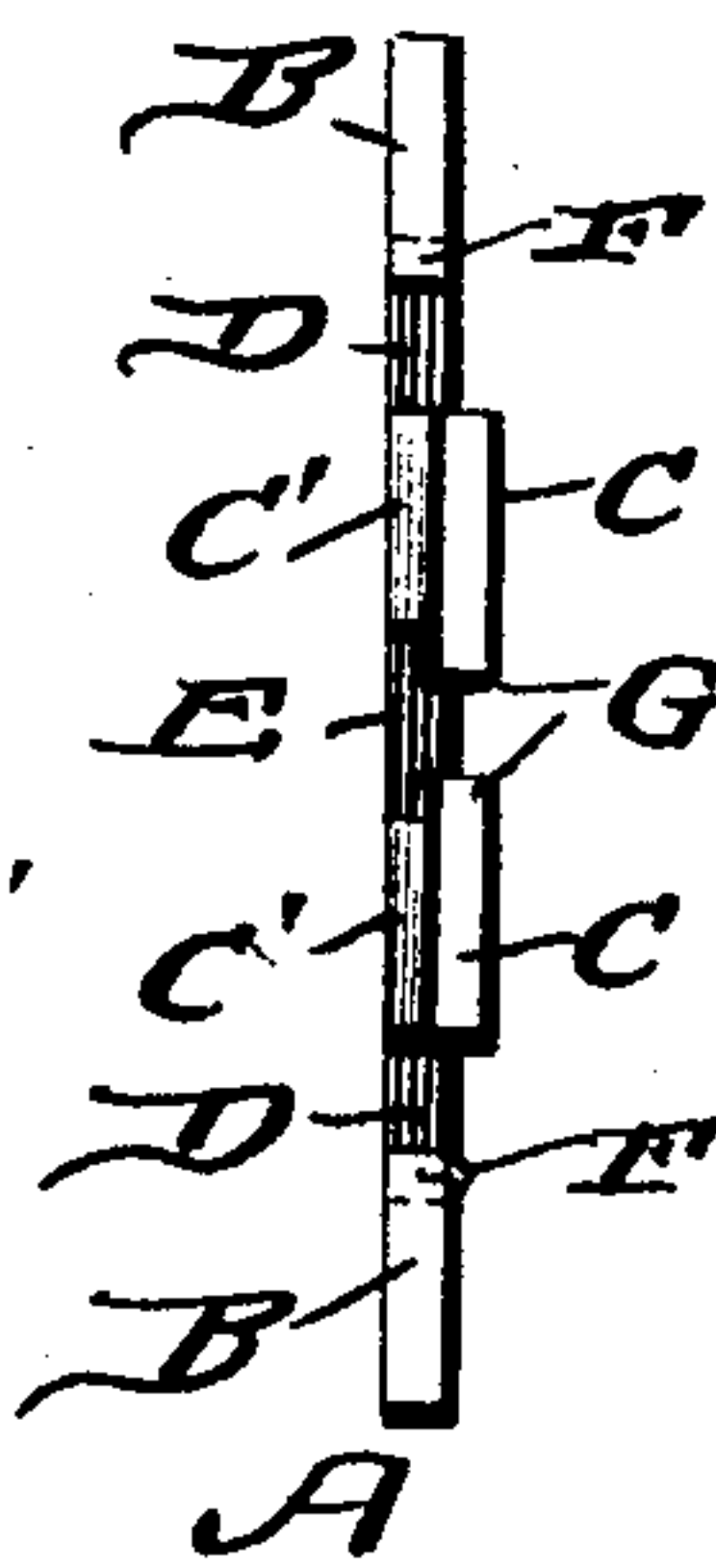
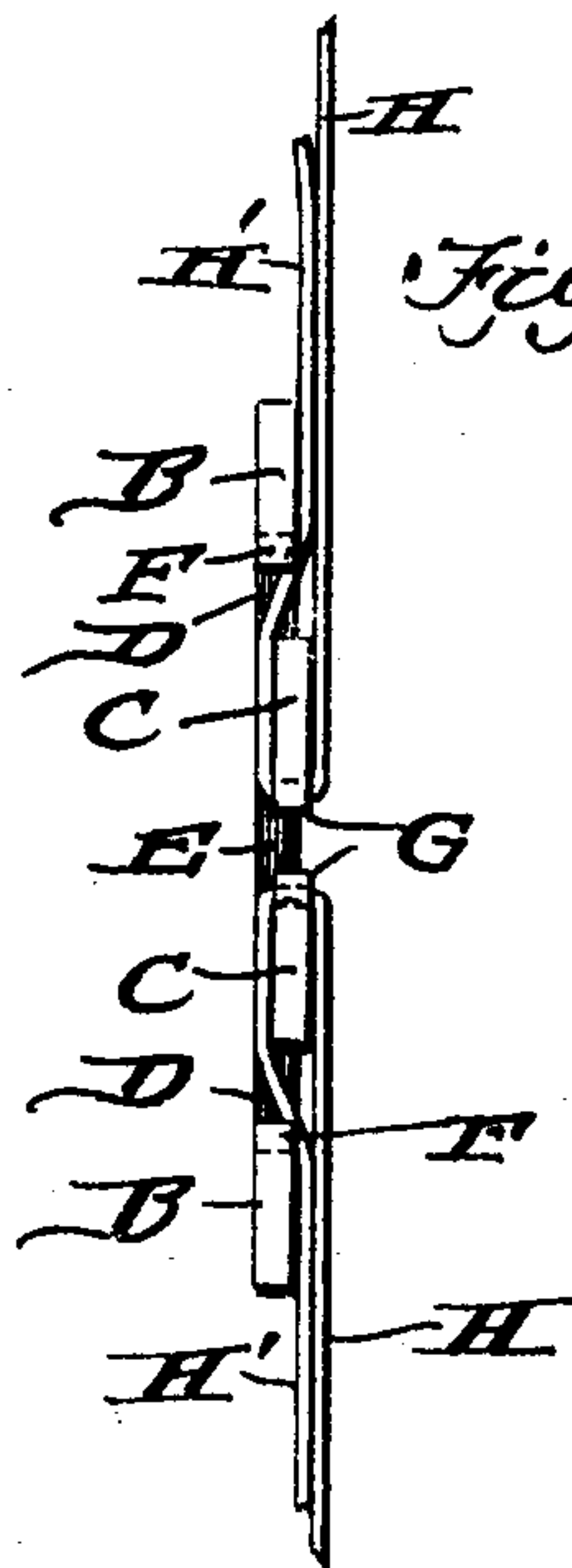


Fig. 4.



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UNITED STATES PATENT OFFICE.

ANDREW HESS AND JOHN P. THINES, OF CONWAY, ARKANSAS.

BALE-TIE.

SPECIFICATION forming part of Letters Patent No. 771,367, dated October 4, 1904.

Application filed January 9, 1904. Serial No. 188,376. (No model.)

To all whom it may concern:

Be it known that we, ANDREW HESS and JOHN P. THINES, citizens of the United States, residing at Conway, in the county of Faulkner and State of Arkansas, have invented a new and useful Bale-Tie, of which the following is a specification.

This invention is an improved construction of bale-tie or band-fastener, the object being to provide an exceedingly simple and efficient construction of tie or fastener by means of which the ends of the bale band or tie can be securely fastened.

Heretofore bale-ties or band-fasteners have been of such construction that a large amount of the band or tie must be folded back upon itself to prevent the slipping of the band or tie from the buckle or fastener. These objections are avoided by means of a bale-tie or band-fastener constructed in accordance with our invention, and as a rule at least two feet can be saved upon bale-bands as now constructed.

Our invention consists of a bale-tie or band-fastener formed from a single piece of suitable metal comprising a body portion and four fingers extending at right angles from one side of the said body portion, two of said fingers being arranged at the ends of the body portion and two intermediate the ends, the end fingers having shoulders extending toward each other and the intermediate fingers also being provided with shoulders extending toward each other, the intermediate fingers being bent out of alinement with the end fingers, said intermediate fingers, however, being in alinement with each other.

The invention consists also in certain details of construction hereinafter fully described, and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view showing the practical application of our invention. Fig. 2 is a face view of the bale-tie or band-fastener. Fig. 3 is an edge view. Fig. 4 is an edge view showing the ends of the band connected thereto.

In constructing a bale-tie or band-fastener

in accordance with our invention we form the same from a single piece of metal, the device comprising a body portion A, having the fingers B projecting at right angles from the said body portion at the opposite ends, and intermediate the ends the body portion is also provided with the intermediate fingers C, said fingers being parallel with the end fingers B and are equidistant from the said fingers and from each other, as shown at D and E. Each end finger B is provided with a shoulder or projection F at its free end, said shoulders F extending or projecting toward each other, and the intermediate fingers C are provided with shoulders or projections G at their free ends, which shoulders also project toward each other. These shoulders are to prevent the band H working off the fingers after they have once been placed thereon, and in operation one end of the band is folded back upon itself and passed around one of the intermediate fingers, the extreme end H' of the band passing through the opening D and resting upon the end finger B, and its shoulder acts in conjunction with the shoulder of the intermediate finger to prevent the lateral displacement of the said band. The opposite end of the band is also folded back upon itself and passes over the intermediate finger, and the free end of said band is also held against the adjacent end finger in a manner before described.

In order to facilitate the connection of the band to the fastener, the intermediate fingers are bent slightly out of alinement with the end fingers, as shown at C'; but it will be noted that the said intermediate fingers are in alinement with each other.

A bale-tie or band-fastener constructed as herein shown and described has been found to efficiently carry out all of the objects hereinbefore referred to.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A bale-tie comprising a body portion having end fingers and intermediate fingers, the end fingers provided with shoulders extending toward each other, and the intermediate fin-

gers having shoulders at their ends also and extending toward each other, substantially as described.

2. A bale-tie comprising a body portion hav-
5 ing end fingers and intermediate fingers, the
end fingers provided with shoulders extending
toward each other, and the intermediate fin-
gers having shoulders at the ends also and ex-
tending toward each other, the intermediate

fingers being bent out of alinement with the 10
end fingers, and in alinement with each other,
substantially as described.

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