

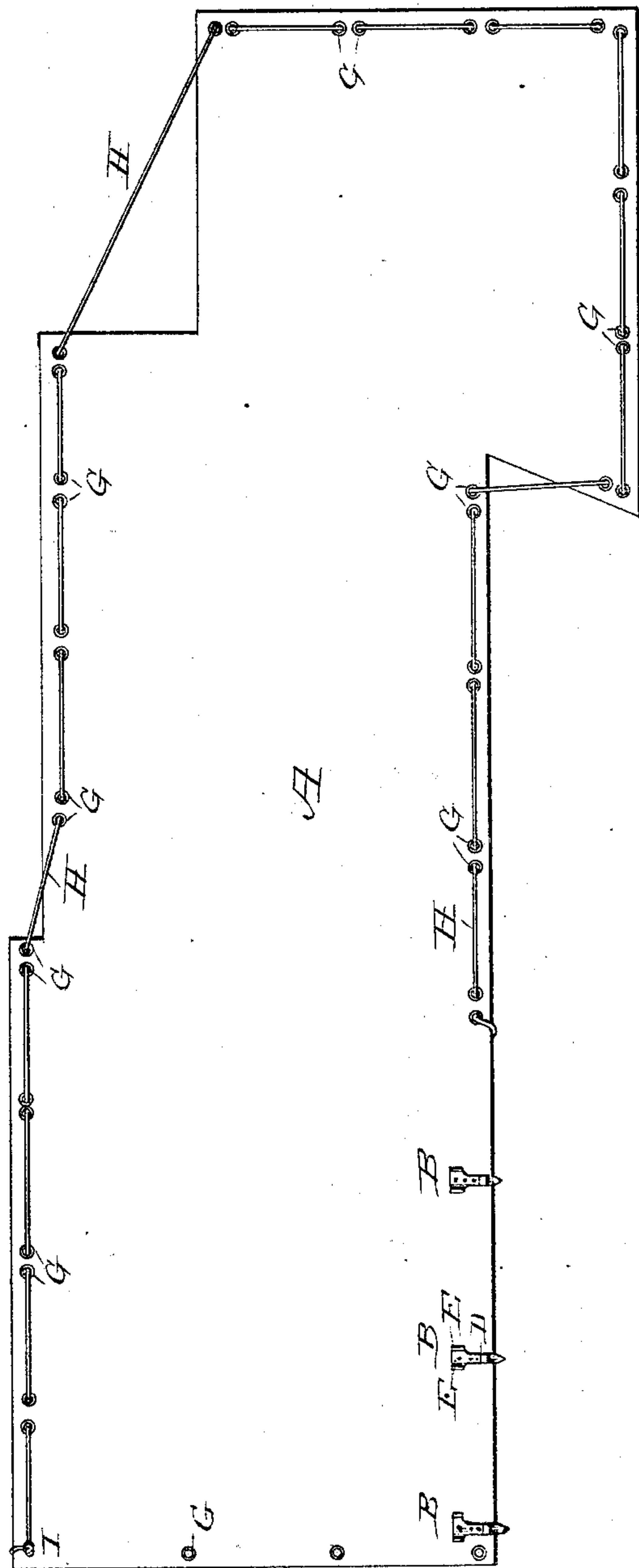
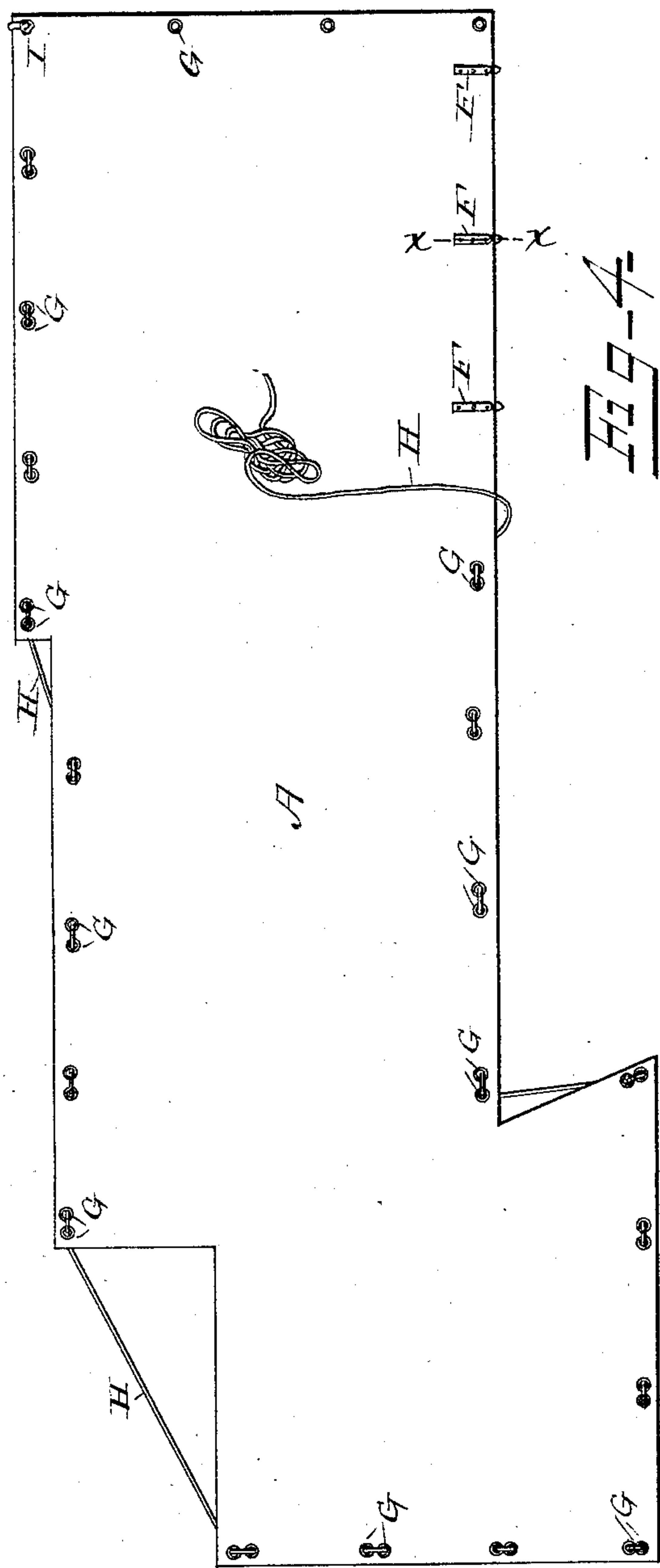
(No Model.)

2 Sheets—Sheet 1.

W. H. HILL.
COVER FOR HARVESTERS.

No. 285,410.

Patented Sept. 25, 1883.



WITNESSES
F. L. Ourand,
E. G. Siggers.

Fig. 1

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Attorneys

(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

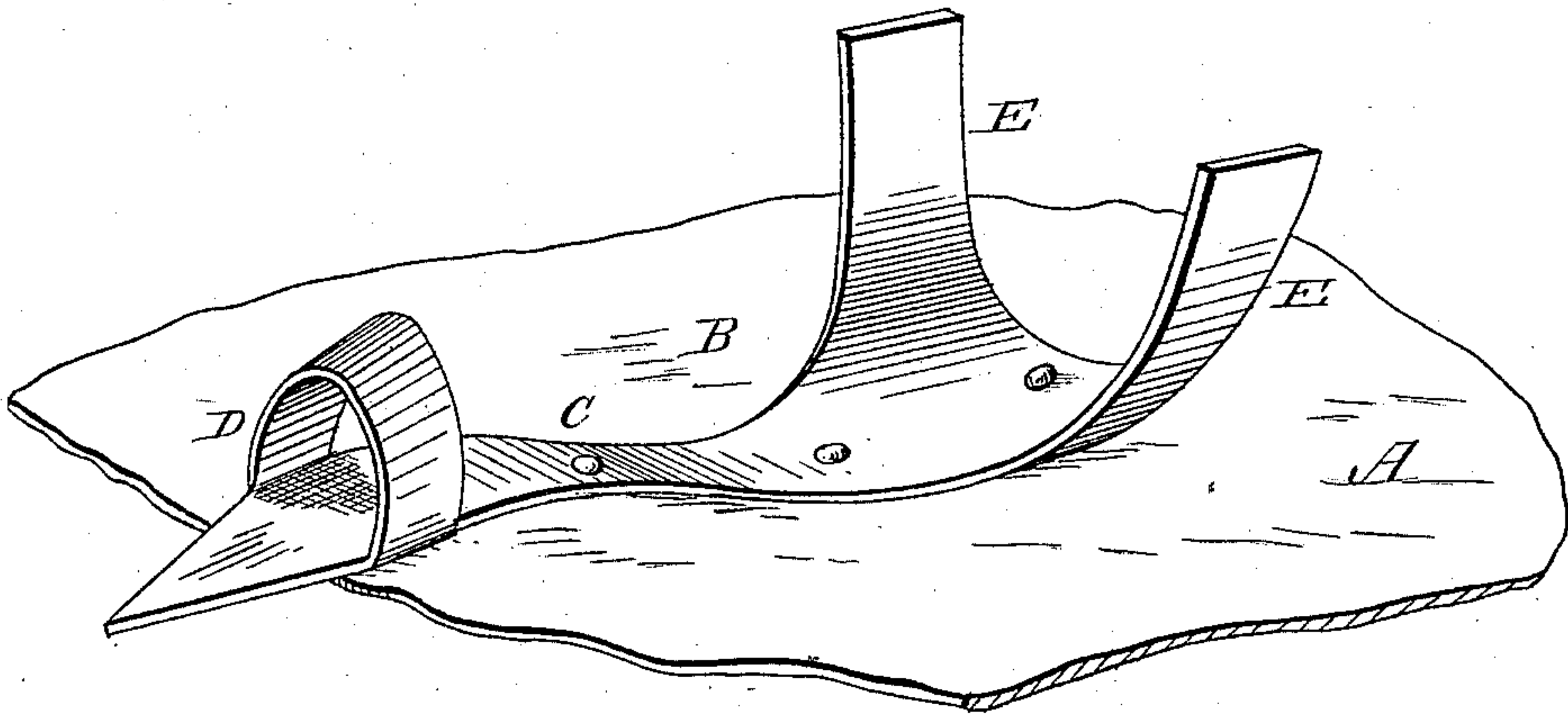
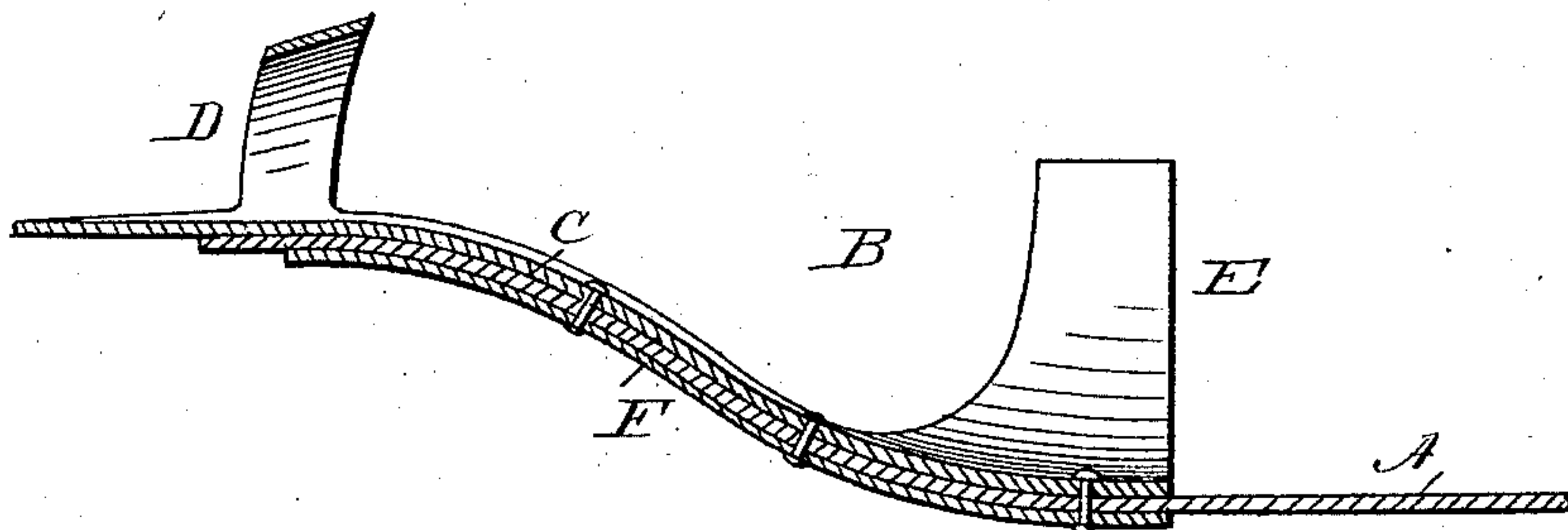


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM H. HILL, OF CHICAGO, ILLINOIS.

COVER FOR HARVESTERS.

SPECIFICATION forming part of Letters Patent No. 285,410, dated September 25, 1883.

Application filed August 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. HILL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Cover for Harvesters and Grain-Binders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to covers for harvesters and grain-binders; and it has for its objects, first, to provide a complete and closely-fitting cover for this class of machines; secondly, to provide improved means for attaching or securing it in position without the use of hooks and grommets or a plurality of tie-strings; and, thirdly, to provide improved catches adapted to be hooked over the harvester-guards for the purpose of holding the cover taut without danger of displacement or injury to the machine.

My invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a plan view of my improved cover. Fig. 2 is a detail view, in perspective, of one of the fasteners adapted to engage the harvester-guards. Fig. 3 is a detail sectional view on the line *x x* in Fig. 1, and Fig. 4 is a bottom view of the cover.

The same letters refer to the same parts in all the figures.

A designates the cover, which is to be made of the textile fabric known as "duck," or of any other material that may be deemed suitable for the purpose. The cover shown in the drawings hereto annexed is intended for the "Buckeye" harvester and binder, and its shape and general construction are such that it will completely cover and form a tight fit for a machine of the kind designated; but as there are at the present time some seventeen different makes of harvesters and binders in the market, and it is my intention to provide a tightly-fitting cover for each, I do not wish to be understood as limiting myself to any particular shape or outline of the cover.

Attached to the cover, at one of its front corners, registering with the cutting apparatus of the machine for which the cover is intended, is a row of any desired number of

catches or fasteners, B, adapted to be hooked over the harvester-guards. The said fasteners consist of curved metallic plates C, corresponding in shape to the upper sides of the harvester-guards, and provided near their pointed front ends, which extend slightly in front of the edge of the cover; with integral rings D, adapted to be adjusted or hooked over the points of the guards. The said plates are also provided at their inner or rear ends with leaves or flanges E E, extending downwardly and adapted to fit over the sides of the inner ends of the guards, so as to prevent lateral displacement of the fasteners or of the part of the cover to which they are attached. The fasteners, which are attached to the under side of the cover, are secured by means of rivets passing through metallic plates or washers F, which are placed on the upper side of the cover, and which correspond in shape and location to the plates C, constituting the fasteners, as above set forth. This method of attachment is exceedingly durable, and there is no danger of tearing the cover in the act of adjusting it in position.

The cover A is provided around its edges with suitably-located grommets, G G, arranged in pairs, as shown. Through these grommets is threaded a single rope, H, one end of which is permanently attached at one of the rear corners of the cover at I. After the cover has been placed in position upon the machine this rope is drawn taut and secured, thus securing the cover firmly and tightly in position. This may be done by one person in a moment's time and with much less trouble than when hooks, buttons, or separate tie-ropes are employed. By this arrangement it will also be seen that the entire edge of the cover is made secure and not merely a few intermediate points, such as is invariably the case when a series of independent fastenings are employed.

I claim as my invention and desire to secure by Letters Patent of the United States—

1. The combination, with a cover for harvesters and grain-binders, of the herein-described fasteners, the same consisting of plates secured in a row at one of the front corners of the cover, registering with the cutting apparatus of the machine for which the cover is intended, said plates being curved, as described, to fit the upper sides of the harvester-guards

and provided near their front ends with integral rings and at their rear ends with downwardly-extending leaves or flanges, substantially as herein shown and specified.

- 5 2. The combination, with a cover for harvesters and grain-binders, of the fasteners B, consisting of the curved and pointed plates C, having integral rings D and flanges E, the plates or washers F; and fastening-rivets, all
10 arranged substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM HENRY HILL.

Witnesses:

GEO. W. EICHELBERGER,
SAML. T. ENOCH.