

G. MALONE.
GANG-PLANK.

No. 176,872.

Patented May 2, 1876.

Fig. 1

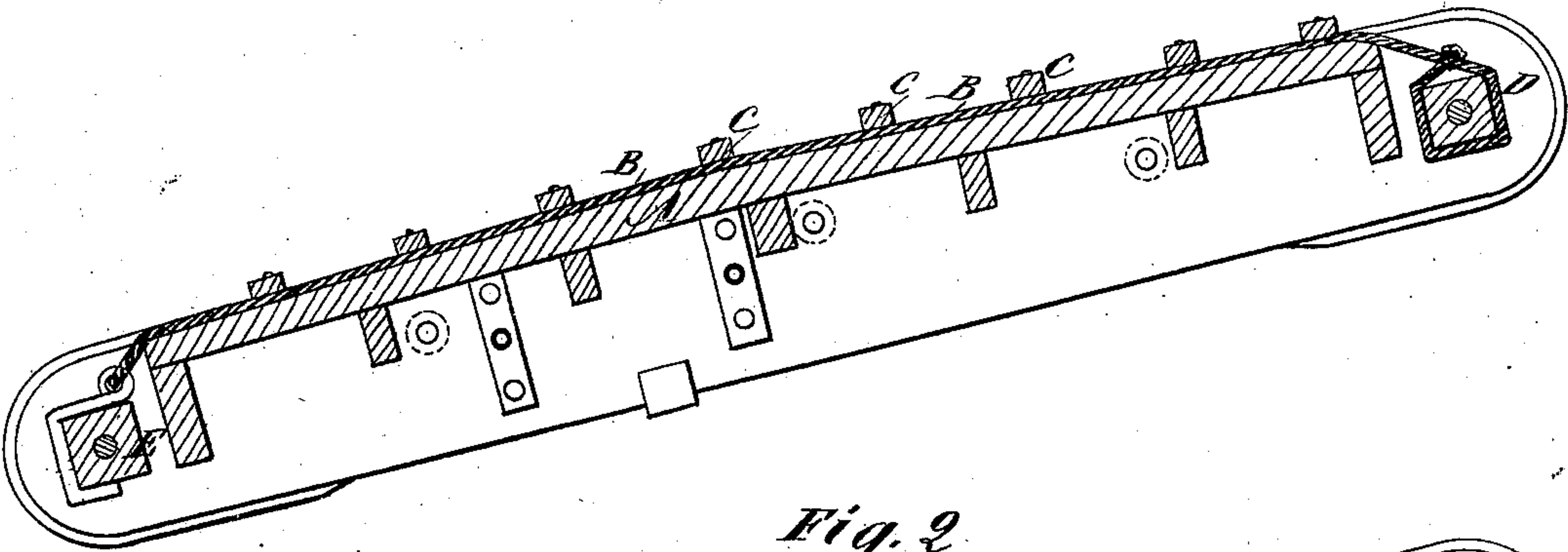


Fig. 2

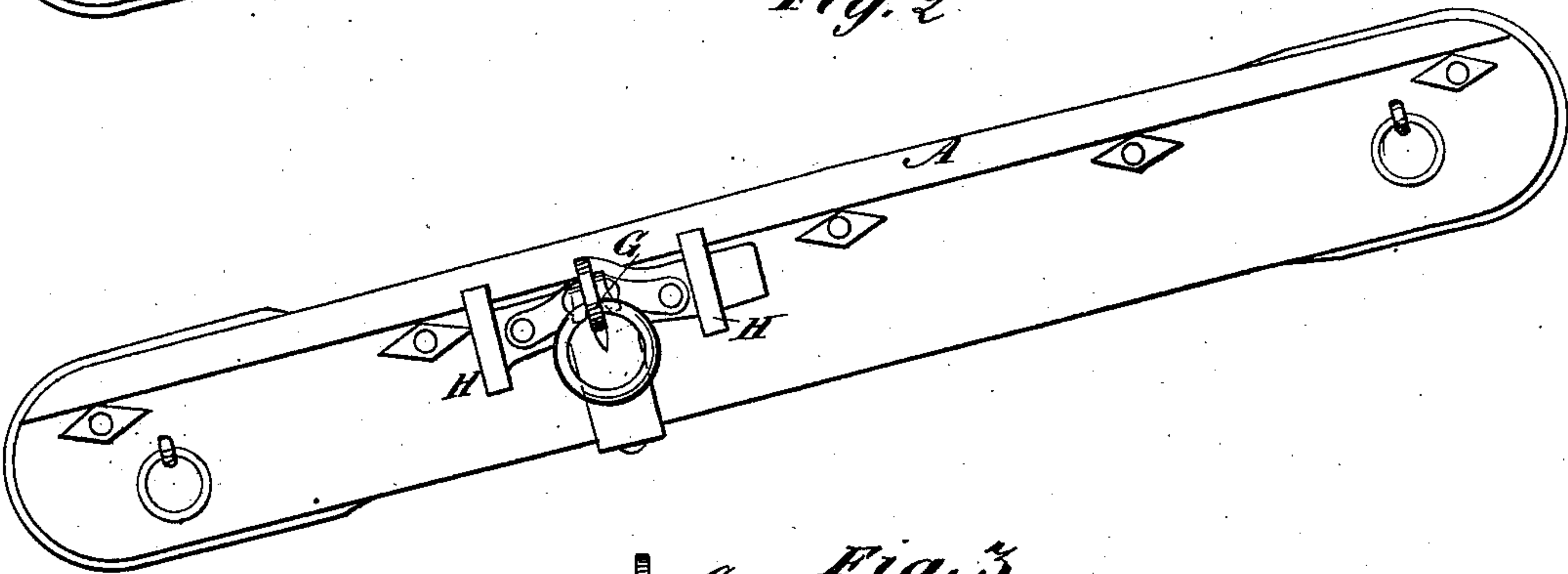
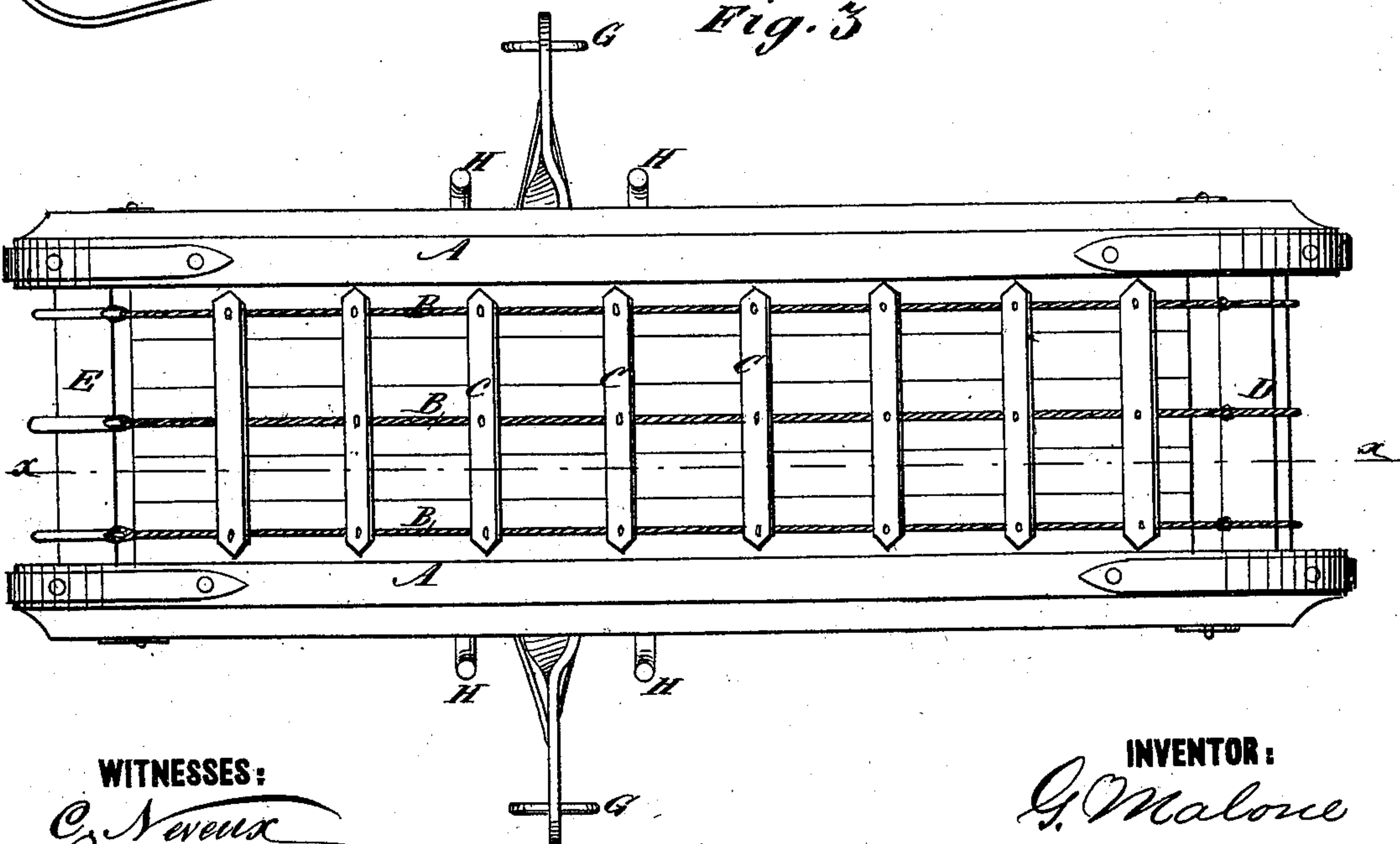


Fig. 3



WITNESSES:

C. Neveu
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INVENTOR:

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BY

mmf

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE MALONE, OF MEMPHIS, TENNESSEE.

IMPROVEMENT IN GANG-PLANKS.

Specification forming part of Letters Patent No. **176,872**, dated May 2, 1876; application filed March 21, 1876.

To all whom it may concern:

Be it known that I, GEORGE MALONE, of Memphis, in the county of Shelby and State of Tennessee, have invented a new and Improved Steamboat Stage-Plank, of which the following is a specification:

My invention consists of a ladder of ropes and cross-pieces, in combination with the stage-plank of a steamer, in such manner that it can be readily removed for sliding freight on and off the boat, and as readily applied again to afford foot-hold for passengers. The said ladder is also applicable for a fire-escape.

Figure 1 is a longitudinal sectional elevation of my improved stage-plank, taken on line *xx* of Fig. 3. Fig. 2 is a side elevation, and Fig. 3 is a plan view.

Similar letters of reference indicate corresponding parts.

A is the stage-plank or bridge, which may be of any approved form or construction, with which I combine a ladder of ropes, B, and cross-bars, by permanently fastening it at one end, D, and detachably hooking it at the other

end E, or fastening it in any other way so that it can be readily removed from the face of the plank when loading freight on or off, and be put on again for the benefit of passengers.

The ladder may also be used as a fire-escape by attaching the hook to the window-sill. The cross-bars may be attached to the ropes in any approved way.

Besides the ring attachments G to the sides of the plank for connecting the ropes for hauling and staying, I also propose to attach the T-headed hooks H, for detachably connecting ropes in the handling of the plank.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The ladder of ropes B and cross-bars C, combined with the stage-plank A in such manner that one end can be readily attached and detached, substantially as specified.

GEORGE MALONE.

Witnesses:

A. L. CUMMINS,
PATRICK QUINN.