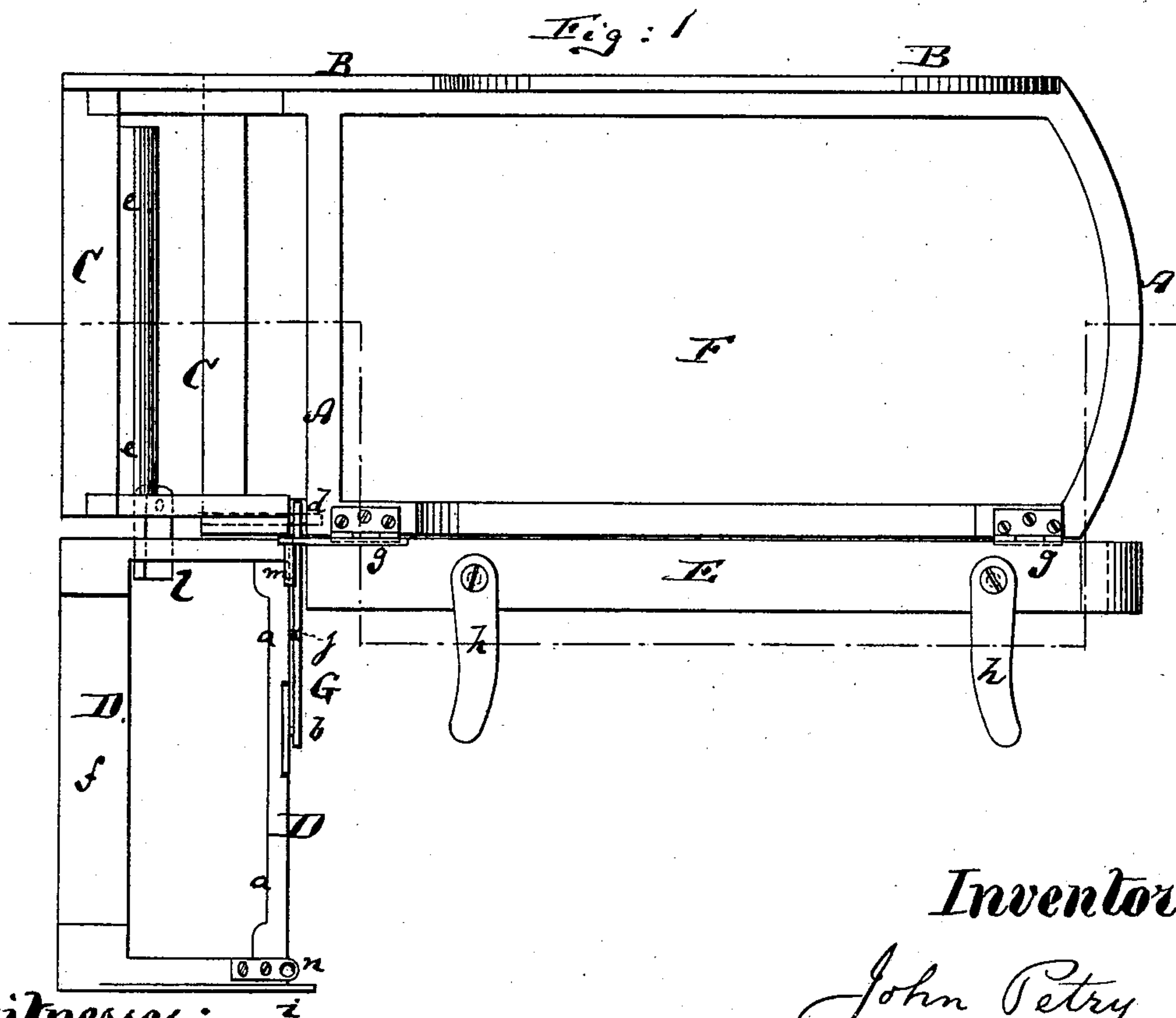
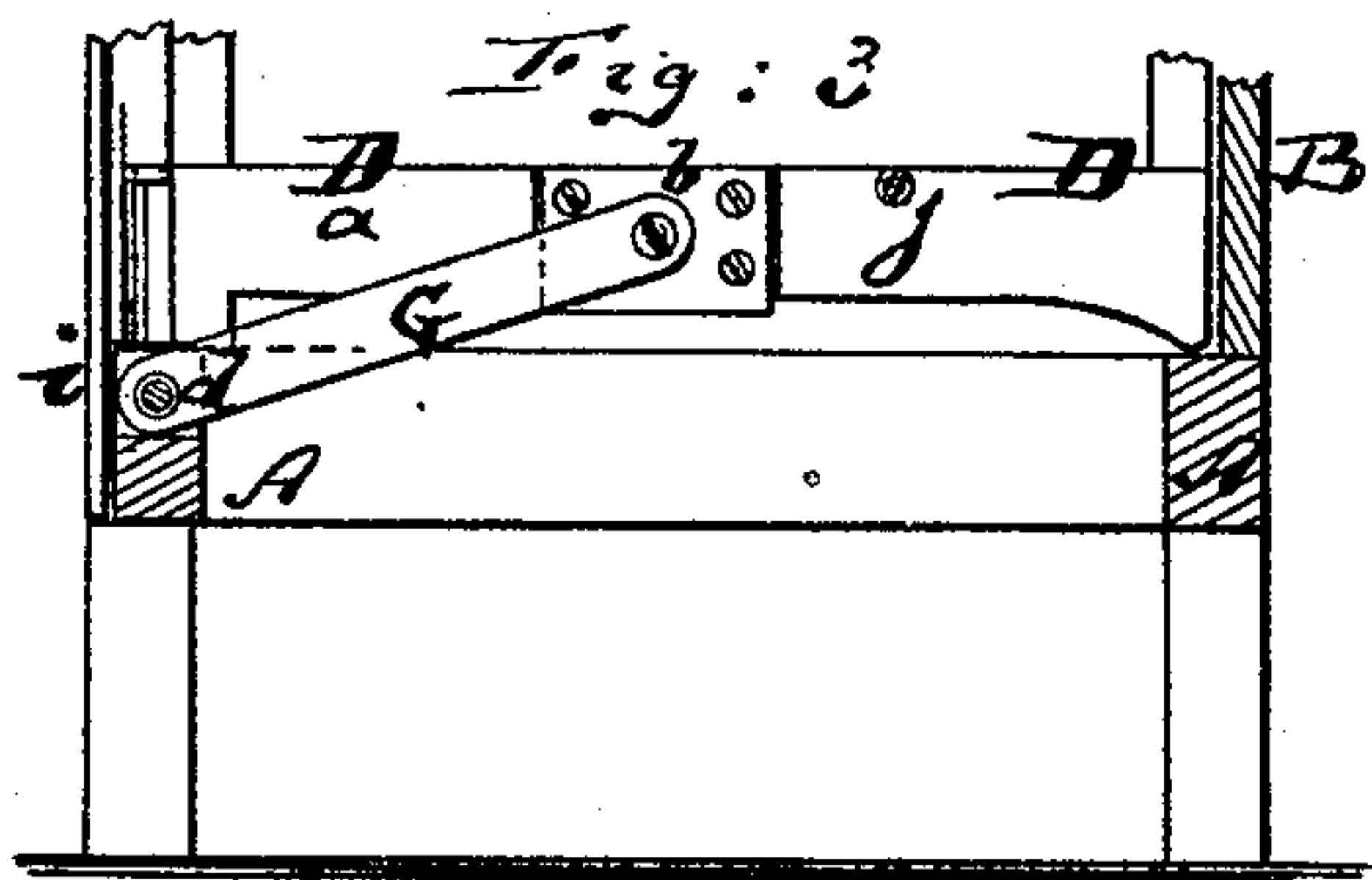
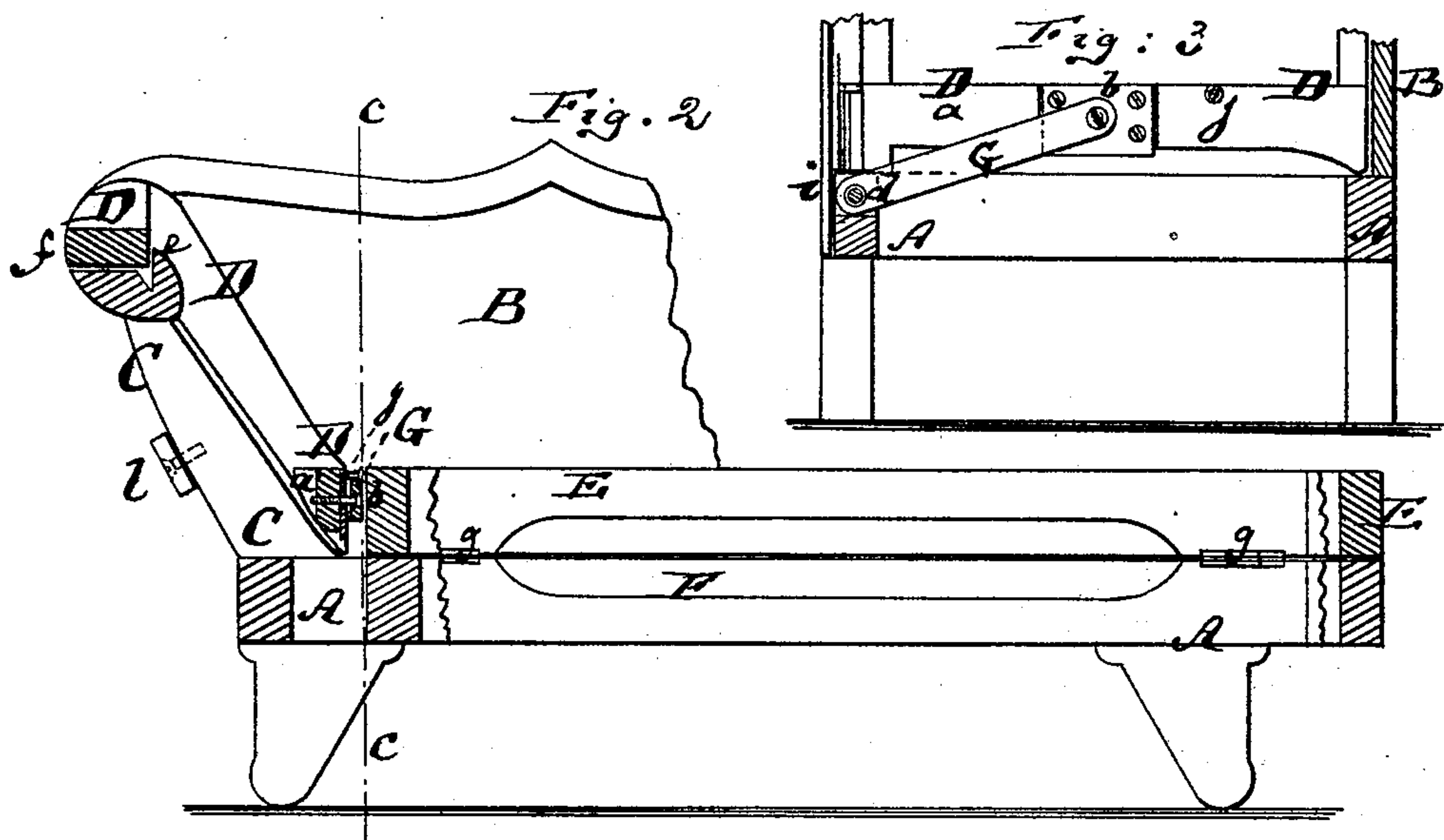


J. PETRY.  
Sofa-Bedstead.

No. 166,806.

Patented Aug. 17, 1875.



Witnesses:  
A. Moraga  
E. W. [Signature]

Inventor:  
John Petry  
by his attorney  
A. W. Briesen

# UNITED STATES PATENT OFFICE.

JOHN PETRY, OF NEW YORK, N. Y.

## IMPROVEMENT IN SOFA - BEDSTEADS.

Specification forming part of Letters Patent No. **166,806**, dated August 17, 1875; application filed January 18, 1875.

*To all whom it may concern:*

Be it known that I, JOHN PETRY, of the city, county, and State of New York, have invented a new and Improved Sofa-Bed, of which the following is a specification:

Figure 1 is a top view of my improved sofa-bed, showing the head-rest folded out and the folding seat swung up into a vertical position—*i. e.*, half folded out. Fig. 2 is a front view, partly in section, of the sofa-bed, showing the same folded together. Fig. 3 is a vertical transverse section on the line *c c*, Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to a new sofa-bed, in which the folding head-rest locks the folding seat in the closed position, and in which other practical advantages are contained, as hereinafter more fully described.

A in the drawing is the main frame of the sofa-bed, carrying the fixed back B and the fixed head-rest C. D is the folding head-rest; E, the folding seat, and F the fixed half of the bed. The folding head-rest D is, at or near the middle of its inner lower cross-bar *a*, pivoted at *b* to one end of a rod, G, of which the other end is pivoted at *d* to the frame A, near the front edge of said frame, and at the junction of the fixed head-rest C with the fixed half F of the bed. The fixed head-rest C has, at its upper part, a projecting rib, *e*, over which the upper cross-bar *f* of the folding head-rest D is placed when the parts are in the closed position. (Shown in Fig. 2.) In this position, too, the rod G will extend from the pivot *d* toward the back B in an inclined direction, as shown in Fig. 3. The folding seat E, which is, of course, cushioned on both sides, is, by hinges *g g*, connected to the front edge of the frame A, so it may be swung upon the bed F in the closed position, or out in line with the bed F in the open position. In the latter position the outer part of the seat E is partly supported by pivoted legs *h h*, with which it is provided. The folding head-rest D has at its outer end a downward projection, *i*, which, in the open position, constitutes an outer leg

for said head-rest. In the closed position, however, this projection partly overlaps the end of the folding seat E, and prevents said seat thereby from being swung out, unless the head-rest D has first been swung out.

When the head-rest D is to be swung out it must be turned with the rod G on the pivot *d* until its leg *i* reaches the floor. Then the head-rest D will be supported at the outer end by the leg *i*, and at the inner end by the rod G, which bears upon the frame A, and against the under side of a pin, *j*, projecting from the lower cross-bar *a*. A button, *l*, pivoted to the head-rest C may then also be swung behind the head-rest D, as in Fig. 1, to give additional support to the said head-rest D. In this outer position of the head-rest D the cushioned faces of the two head-rests C D are in line to make one continuous head-support for the bed.

In the drawing I have not represented any of the cushions to be used on the sofa-bed, in order to make the construction of the framework more clearly apparent.

After the head-rest D has been swung out the seat E is also swung out into line with the bed F, and carries in this position a projecting hook, *m*, into an eye, *n*, formed on the head-rest D, as shown, so that by said hook and eye both parts D E will be firmly connected. The legs *h h* are then also folded down to support the outer end of the seat E.

For folding the bed together, the seat E is first swung upon the bed F, and then the head-rest D is brought into place on the fixed head-rest C.

I claim as my invention—

The combination of the folding head-rest D with the rod G, connecting it to the frame A, and with the projecting leg *i*, fixed head-rest C, and folding seat E, all arranged substantially as herein shown and described.

JOHN PETRY.

Witnesses:

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