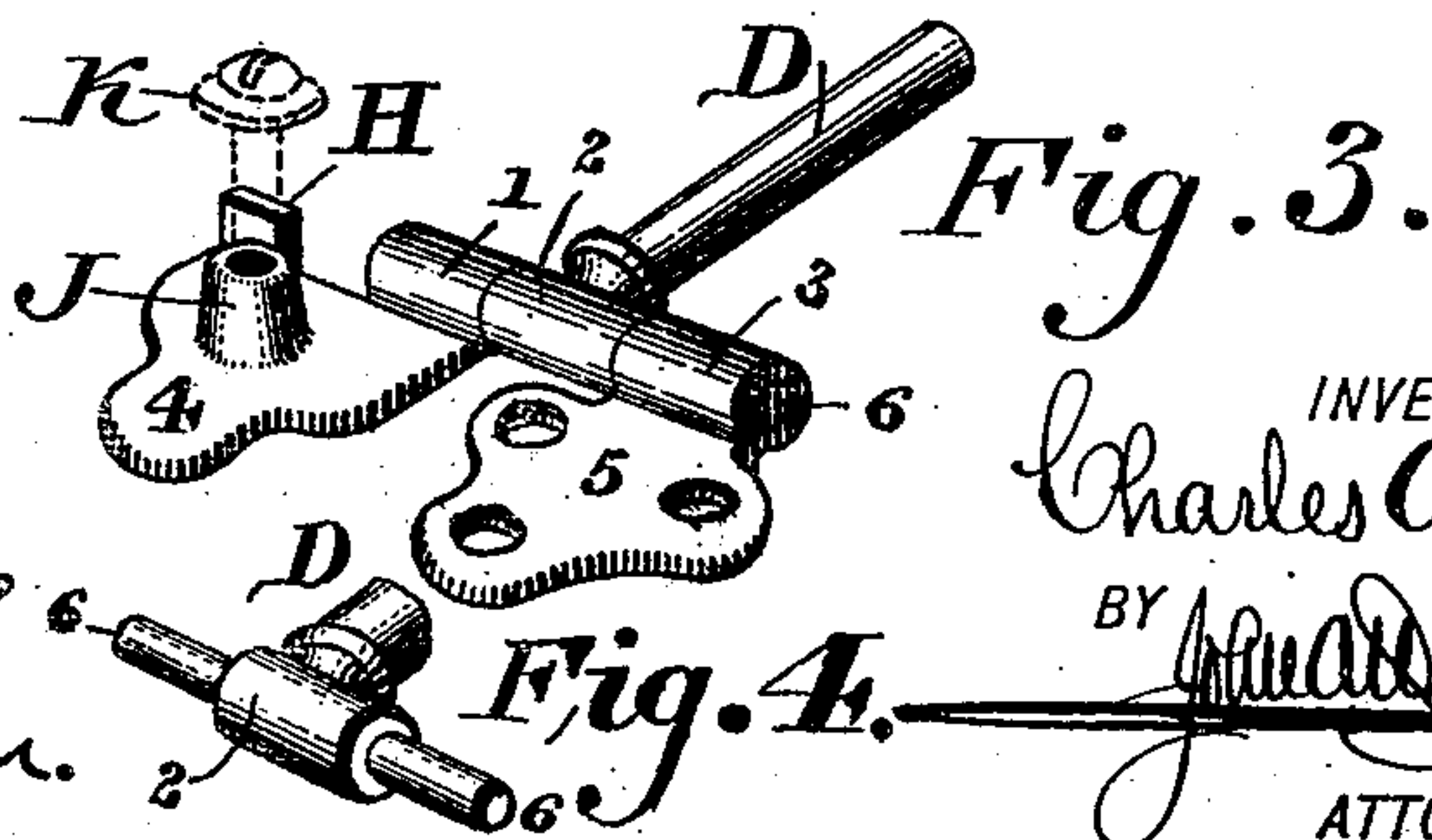
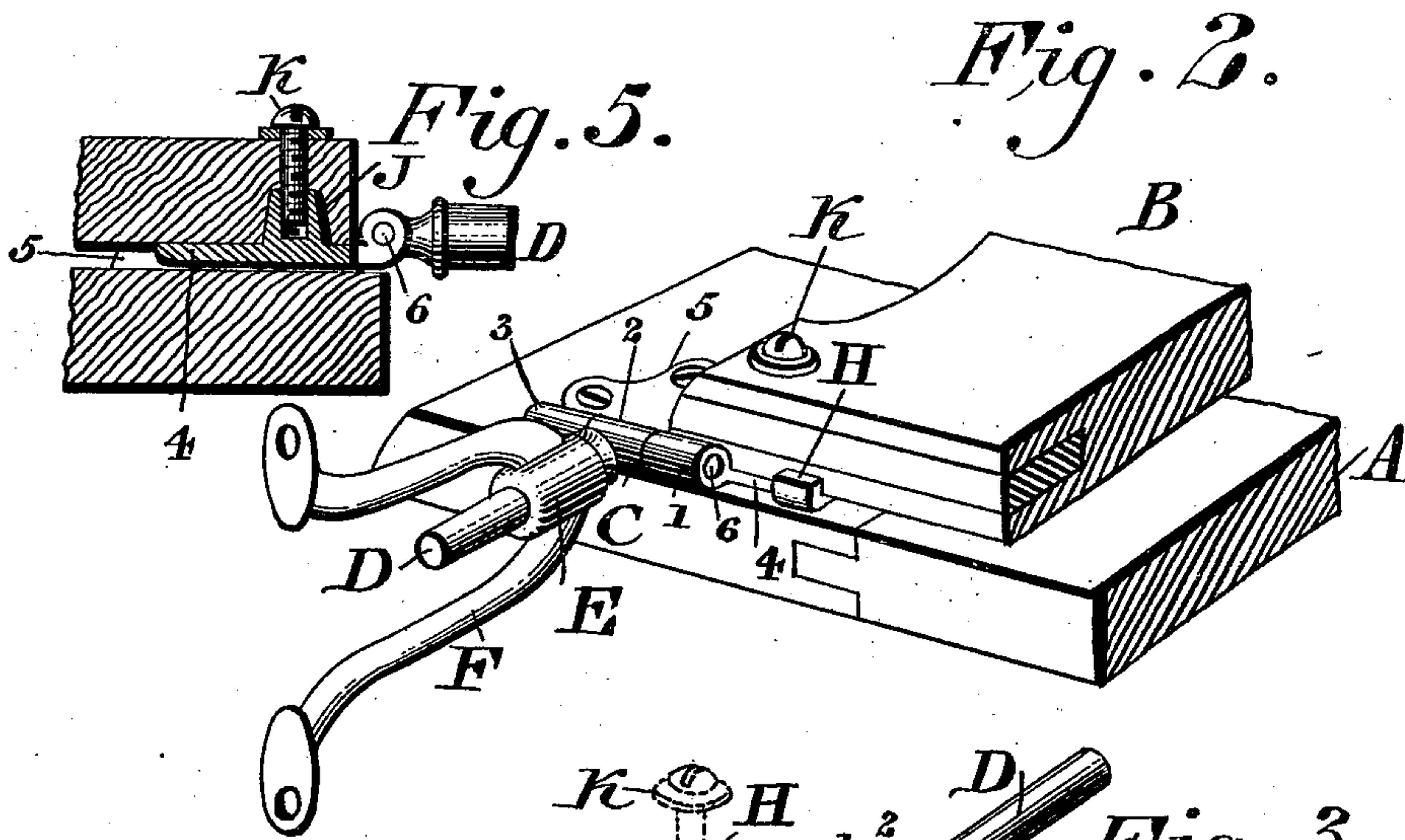
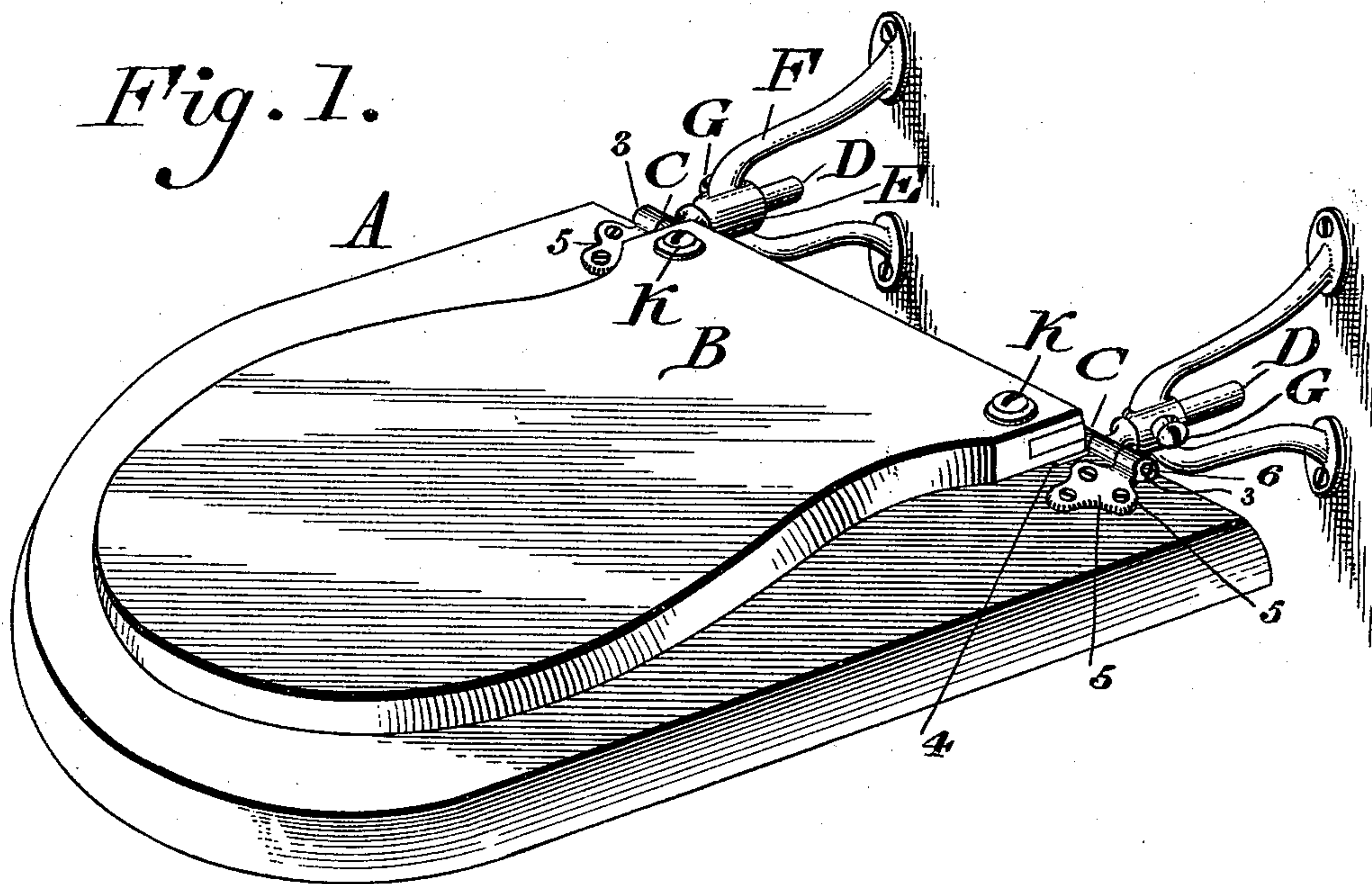


(No Model.)

C. A. BLESSING.
WATER CLOSET SEAT AND COVER.

No. 547,983.

Patented Oct. 15, 1895.



WITNESSES:

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CHARLES A. BLESSING, OF PHILADELPHIA, PENNSYLVANIA.

WATER-CLOSET SEAT AND COVER.

SPECIFICATION forming part of Letters Patent No. 547,983, dated October 15, 1895.

Application filed June 21, 1893. Serial No. 478,329. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BLESSING, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Water-Closet Seats and Covers, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a hinge for a water-closet seat and cover, having side knuckles with an intermediate shoulder provided with pintles projecting laterally and a stem projecting rearwardly therefrom, and a bracket with a boss to receive said stem.

It further consists of the combination of parts hereinafter set forth and claimed.

Figure 1 represents a perspective view of a water-closet seat and cover embodying my invention. Fig. 2 represents another perspective view, the parts being on an enlarged scale. Fig. 3 represents a perspective view of a detached portion. Fig. 4 represents a perspective view of a portion of the axles of the seat and cover. Fig. 5 represents a vertical section of a detached portion.

Similar letters and figures of reference indicate corresponding parts in the several views.

Referring to the drawings, A designates the seat of a water-closet, and B designates the lid or cover thereof, said cover being connected with said seat by means of hinges C, each of which consists of the knuckles 1 and 3, the intermediate shoulder 2, the plates or butts 4 and 5, integral, respectively, with said knuckles 1 and 3, and the pintles 6, which project laterally from said shoulder and pass through said knuckles 1 and 3. The plates 4 are screwed or otherwise connected with the cover B and the plates 5 are screwed or otherwise connected with the seat A. Projecting rearward from the shoulders 2 are stems D, which are freely fitted in bosses E of brackets F, the latter being adapted to be screwed or otherwise secured to a wall, thus supporting the cover and seat, setting them out from the wall and dispensing with a back-stile.

In order to permit the adjustment of the seat and cover in relation to the wall or place of support and to suit the requirement of the closet, the bosses E are provided with screws G, which are adapted to tighten against the stems D, it being evident that when the screws

are loosened the stems may be moved in and out, and when the adjustment is accomplished the screws are tightened, thus firmly retaining the parts in position. It will be seen that the plates 4 and knuckles 1 turn with the cover B and the plates 5 and knuckles 3 turn with the seat A, the axes of the cover and seat being the pintles 6, on which said knuckles 1 and 3 are mounted.

In order to properly set the plates 4 on the cover B, the former are provided with lugs or flanges H, which abut against the rear edge of the cover B as guides for setting the hinges and also serving to strengthen the connection of the plates with said cover. Rising from the plates 4 are bosses J, which are threaded to receive the fastening-screws K, thus making a strong connection for said plates with the cover and strengthening the openings through which said screws pass, besides presenting a smooth finish and appearance on the under side of the cover. The construction and attachment of the hinges are such that the lid and cover are permitted to expand and contract without injury to the woodwork. Again, the construction is such as to reduce the number of hinges and produces a better article at less expense than heretofore existing.

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

1. A hinge for a water closet seat and cover, consisting of side knuckles, plates attached to said knuckles, a central shoulder, pintles projecting laterally from said shoulder, a stem projecting rearward from said shoulder, and a bracket, the latter having a boss which receives said stem, said parts being combined substantially as described.

2. A hinge consisting of a bracket with a boss at the connection of its limbs, a stem adjustable in said boss, an intermediate shoulder with laterally-projecting pintles on said stem, and knuckles with plates on said pintles, one of said plates having a boss rising therefrom, and a flange, said parts being combined substantially as described.

CHARLES A. BLESSING.

Witnesses:

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JOHN GEBHARDT.