

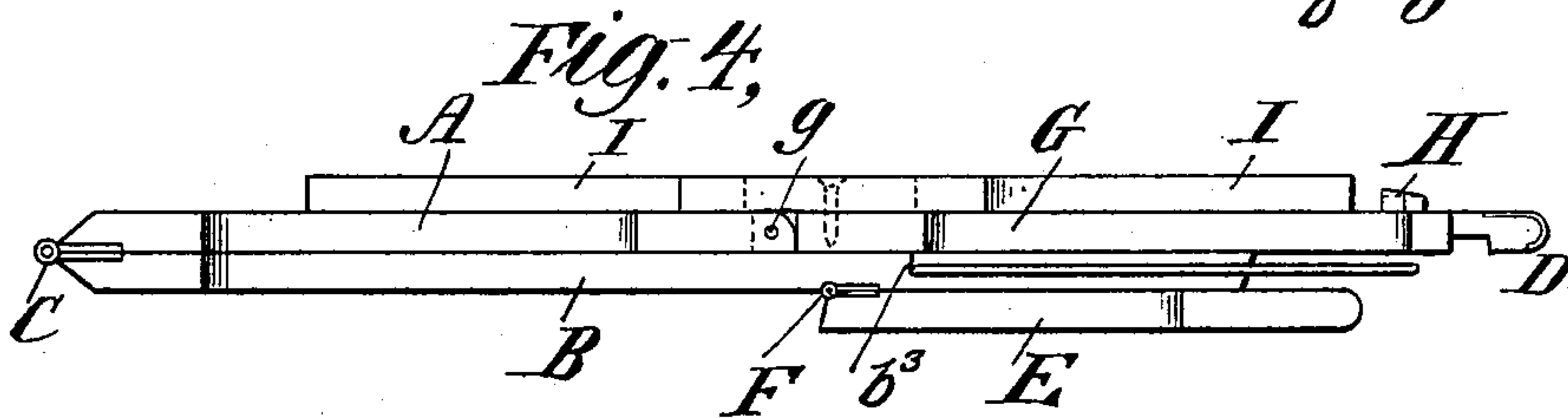
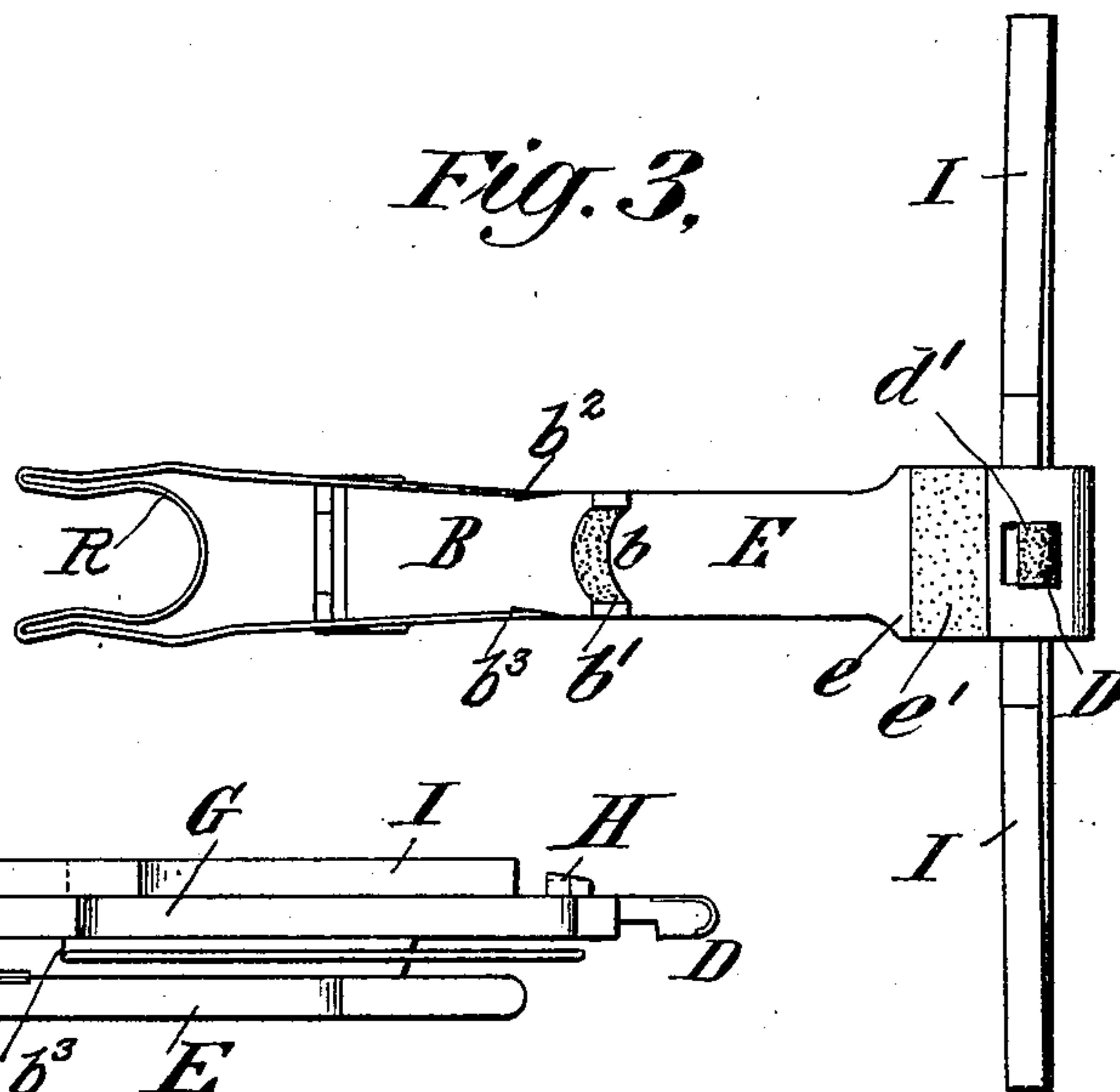
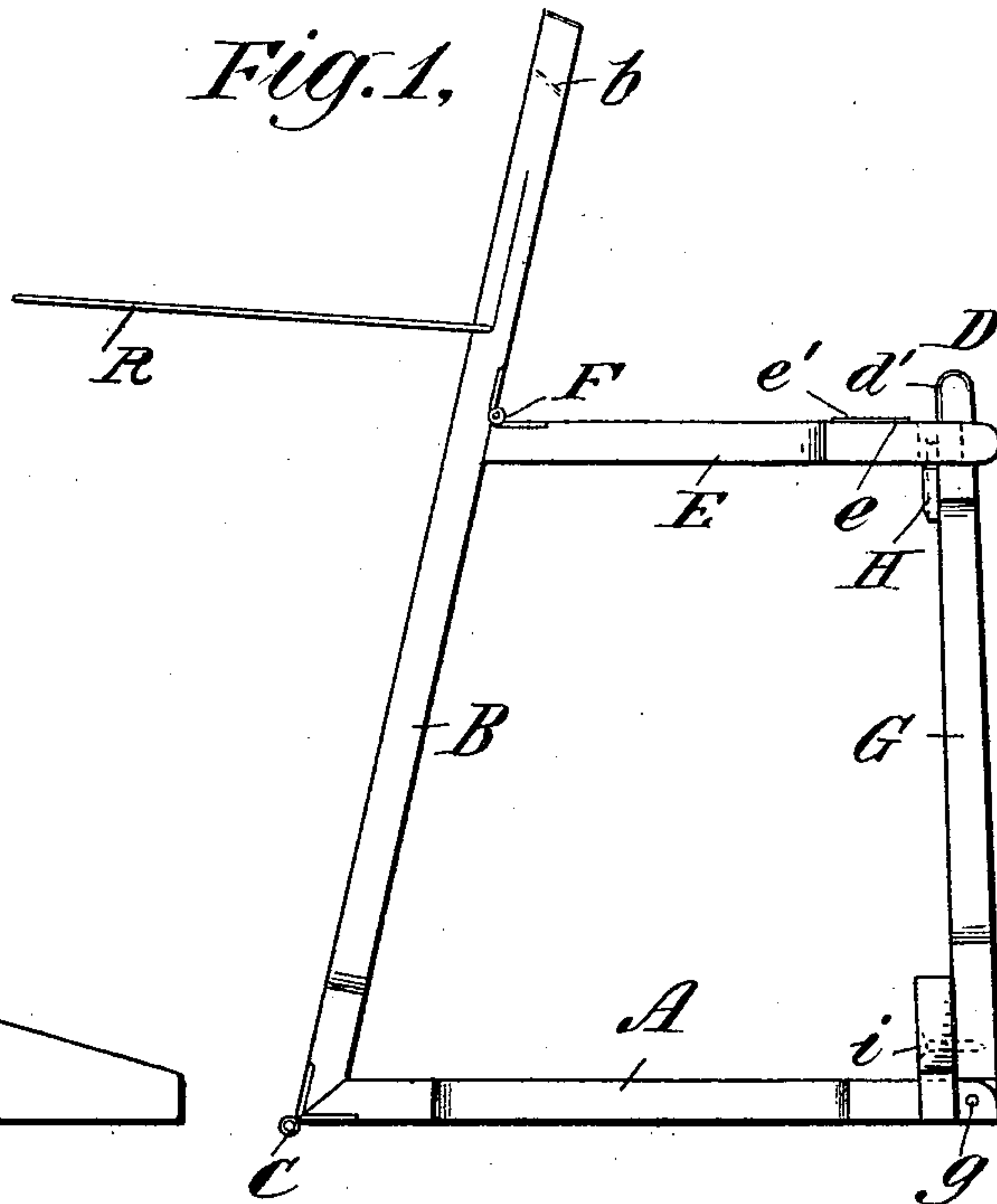
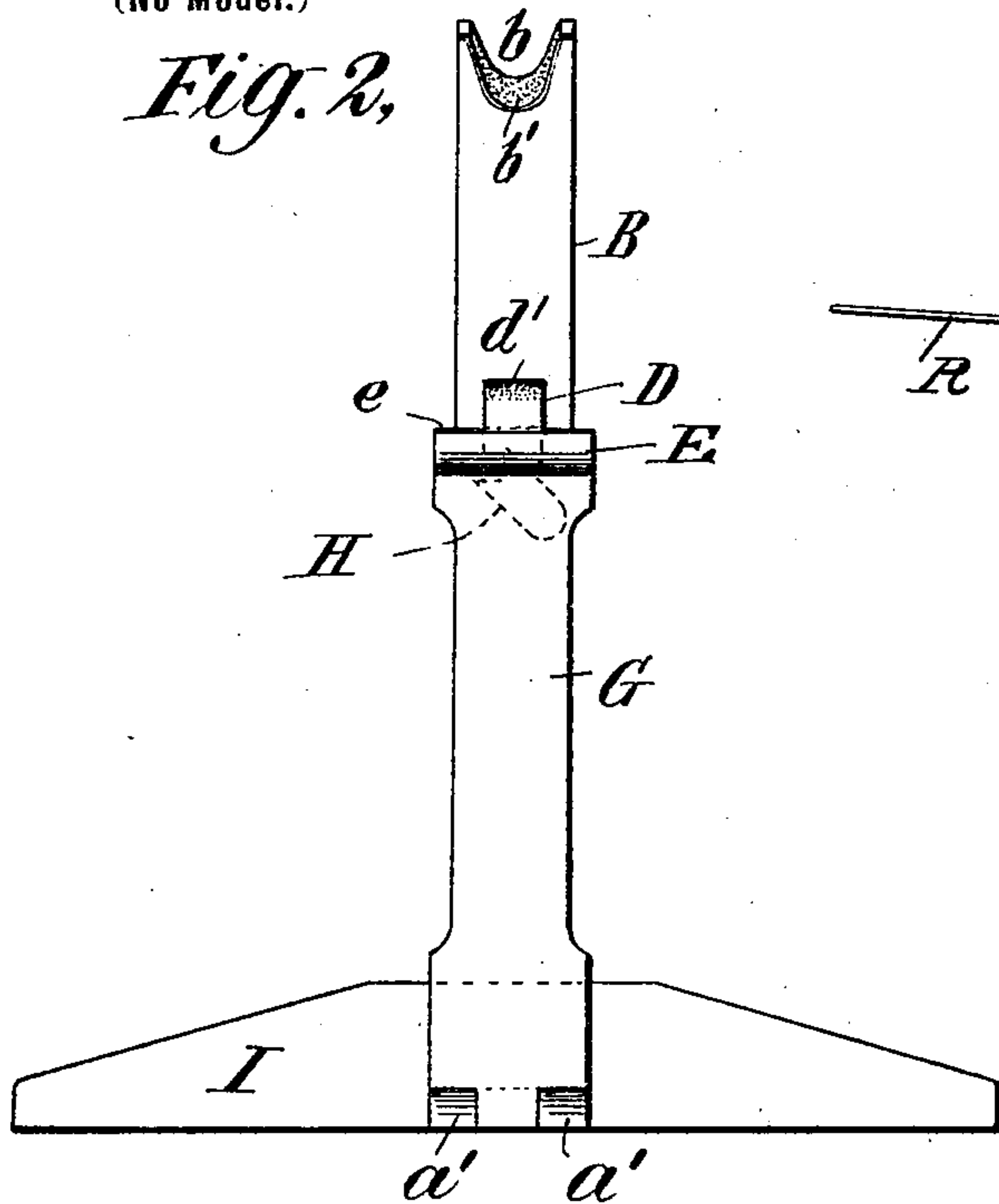
No. 631,948.

Patented Aug. 29, 1899.

H. BUSH.
BICYCLE STAND.

(Application filed Mar. 8, 1898.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

HEWLETT BUSH, OF NEW YORK, N. Y.

BICYCLE-STAND.

SPECIFICATION forming part of Letters Patent No. 631,948, dated August 29, 1899.

Application filed March 8, 1898. Serial No. 673,020. (No model.)

To all whom it may concern:

Be it known that I, HEWLETT BUSH, of the city, county, and State of New York, have invented a new and useful Improvement in Bicycle-Stands, of which the following is a specification.

I will describe a bicycle-stand embodying my improvement and then point out the novel features in the claims.

10 In the accompanying drawings, Figure 1 is a side view of a bicycle-stand embodying my improvement. Fig. 2 is a rear end view. Fig. 3 is a top view. Fig. 4 is a side view showing the parts folded.

15 Similar letters of reference designate corresponding parts in all figures.

A designates a base-piece.

20 B designates an upright connected at its lower end to the forward end of the base-piece by a hinge C, fitted to the outside surfaces of the two parts and fastened thereto by screws or otherwise. This upright is shown as extending at an inclination. Its upper end is provided with a seat *b*, here shown as made in the form of an arch for receiving the under side of the frame of a bicycle. Preferably it will be faced with leather or some other soft material *b'*.

30 D designates a stop against which the frame of a bicycle may abut to keep it from sliding while supported in the seat of the upright B. Adjacent to this stop is a rest *e*, formed on a cross-piece E, arranged adjacent to the stop. The stop and the rest may be faced with leather *d' e'*. The upper side of the forward end portion of the cross-piece E is connected by a hinge F to the rear side of the upright B.

40 The rear end portion of the cross-piece E is supported by an upright G, here shown as hinged to the base-piece A, the hinging being effected by forming a notch in the end of the base-piece, so as to provide it with two lugs *a'*, and providing the lower end of said upright with a tongue fitting into the notch between the lugs of the base-piece, and by then passing a pin *g* through the parts. The upper portion of the lugs *a'* is rounded, so that the upright G may swing upwardly at an angle to the base; but as the lower portion of the lugs is not rounded it may not swing in

the reverse direction more than substantially into the plane of the base-piece.

The stop D, as here shown, consists of a tongue or tenon upon the outer extremity of the upright G, this upright G being shouldered just below the said tongue or tenon forming the stop D. The rear portion of the cross-piece E is provided with a hole which permits it to be dropped down over the stop D, so that it may rest upon the shoulders formed at the lower end of the stop D upon the upright G. The cross-piece E may be of such length as that the upright G will have to be sprung forward slightly in order to permit of an engagement with it and the cross-piece E. The rear side of the stop is provided with a recess, and into this the opposite face of the cross-piece E may enter, so that the two parts will engage in a manner precluding any upward movement of the cross-piece until after the upright shall have been sprung forward slightly. If desired, there may be a button H, pivoted to the under side of the cross-piece E, so as to lock the cross-piece in engagement with the stop.

I designates means for steadying the stand, consisting of a cross-piece pivotally connected by a screw or equivalent device *i* to the forward side of the upright G and notched in its lower edge, so that it may embrace the base-piece A.

If the cross-piece E shall be disengaged from the stop D, it may be swung against the rear side of the upright B. Then the upright G may be swung into line with the base-piece A, and the steadying means I may be swung around upon its pivot against the then upper faces of the base-piece and the upright G. Afterward the upright B may be swung against what was the underside of the base-piece and the corresponding surface of the upright G, as shown in Fig. 4. If then a strap or like device be passed around the parts, they will form a compact bundle.

All the principal parts may advantageously be made of wood.

If desired, a rest for the front wheel of the bicycle may be provided. A simple rest R for such purpose may be made by bending a wire, so as to fork it at the middle to fit the circumference of the tire of the wheel and to

form two arms embracing the upright B and terminating in pivots for entering the sides of said upright. It should be of such length that when swung upwardly it will approximately fit the upper extremity of the upright to facilitate the folding of the stand. There are recesses b^2 b^3 where the pivots of the rest enter it, and the bottoms of such recesses form supports for the arms of the rest while the rest is adjusted for use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A bicycle-stand consisting of a base-piece, an upright hinged thereto, a cross-piece hinged to said upright, a second upright hinged to said base-piece and interlocking with the free end of said cross-piece, and a rest adjacent to the end portions of the second upright and cross-piece, substantially as described.

2. A bicycle-stand consisting of a base-piece A, an upright B hinged thereto, and provided at its upper end with a seat for a bicycle-frame a cross-piece E hinged to said upright B, an upright G hinged to the base-piece A, a stop D, and a steadying means I pivoted to the upright G and notched to engage the base-piece A, substantially as specified.

3. A bicycle-stand consisting of a base-piece A, an upright B hinged thereto, and provided at its upper end with a seat for a bicycle-frame a cross-piece E hinged to the upright B, an upright G hinged to the base-piece A, a stop D, the said cross-piece E and stop D being interlocked, and a device for maintaining them interlocked, substantially as specified.

4. A bicycle-stand having a base-piece, an upright B provided at its upper end with a seat for a bicycle-frame, a rest connected by a hinge to said upright, a second upright hinged to the base and interlocking with said rest, a stop carried by said second upright, and a wheel-rest pivoted to the said upright B, substantially as specified.

5. A bicycle-stand consisting of a base-piece, an upright B hinged to one end thereof and provided with a seat at its upper end for a bicycle-frame, an upright G hinged to the other end of said base-piece and having its upper end adapted to engage with the bicycle-frame, and a cross-piece hinged at one end to one of the uprights and adapted to interlock with the other upright, substantially as described.

6. A folding bicycle-stand, comprising a base-piece, uprights B and G hinged to said base-piece and provided at their upper ends with seats for a bicycle-frame, a cross-piece hinged at one end to one of said uprights and interlocking with the other of said uprights at its other end, and a steadying means pivotally attached to said base-piece, substantially as described.

7. A folding bicycle-stand comprising a base-piece, an upright B hinged to one end of said base-piece so that it may be moved to engage one of the flat faces of said base-piece, an upright G hinged to the other end of said base-piece so that it can be moved to the horizontal plane of the base-piece, a steadying-piece pivoted to the second upright and adapted when the frame is to be folded to be moved on its pivot to be in the same vertical plane as the base-piece, and a cross-piece hinged at one end to one of the uprights and adapted when the frame is to be folded to be moved against a flat face of the upright to which it is hinged, and when the frame is in set-up position to interlock with the second-mentioned upright, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HEWLETT BUSH.

Witnesses:

WILLIAM A. POLLOCK,
WM. HERBERT KING.