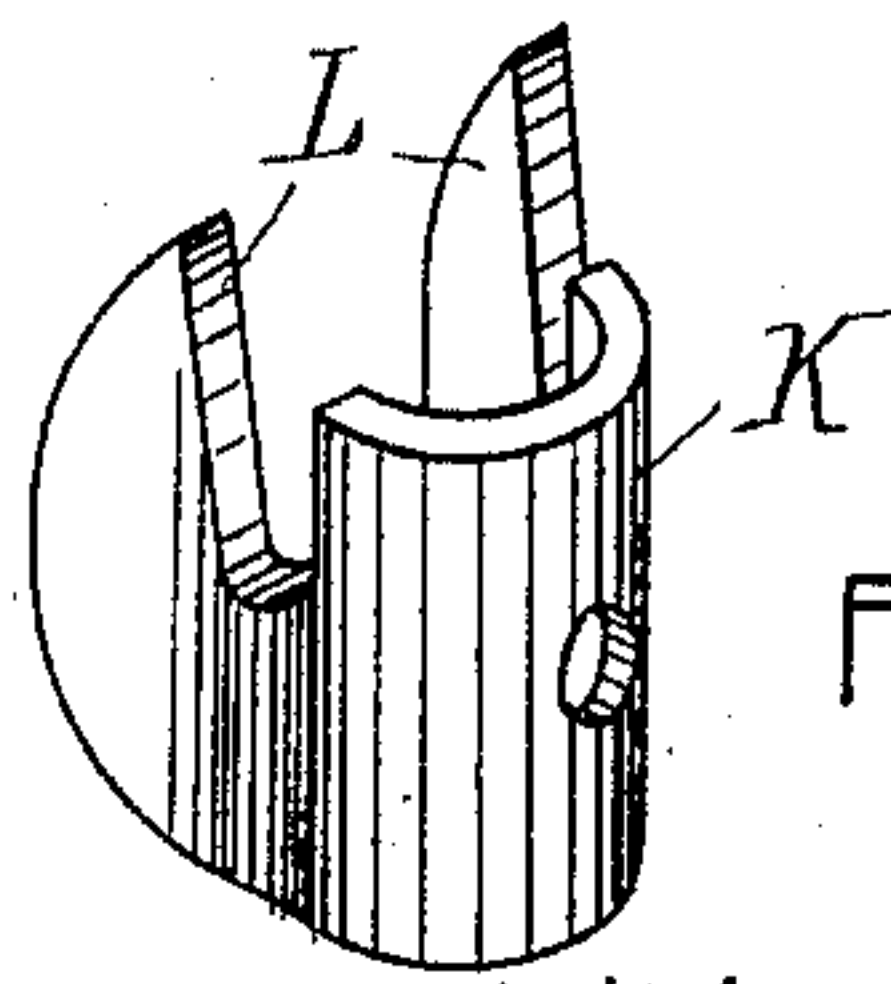
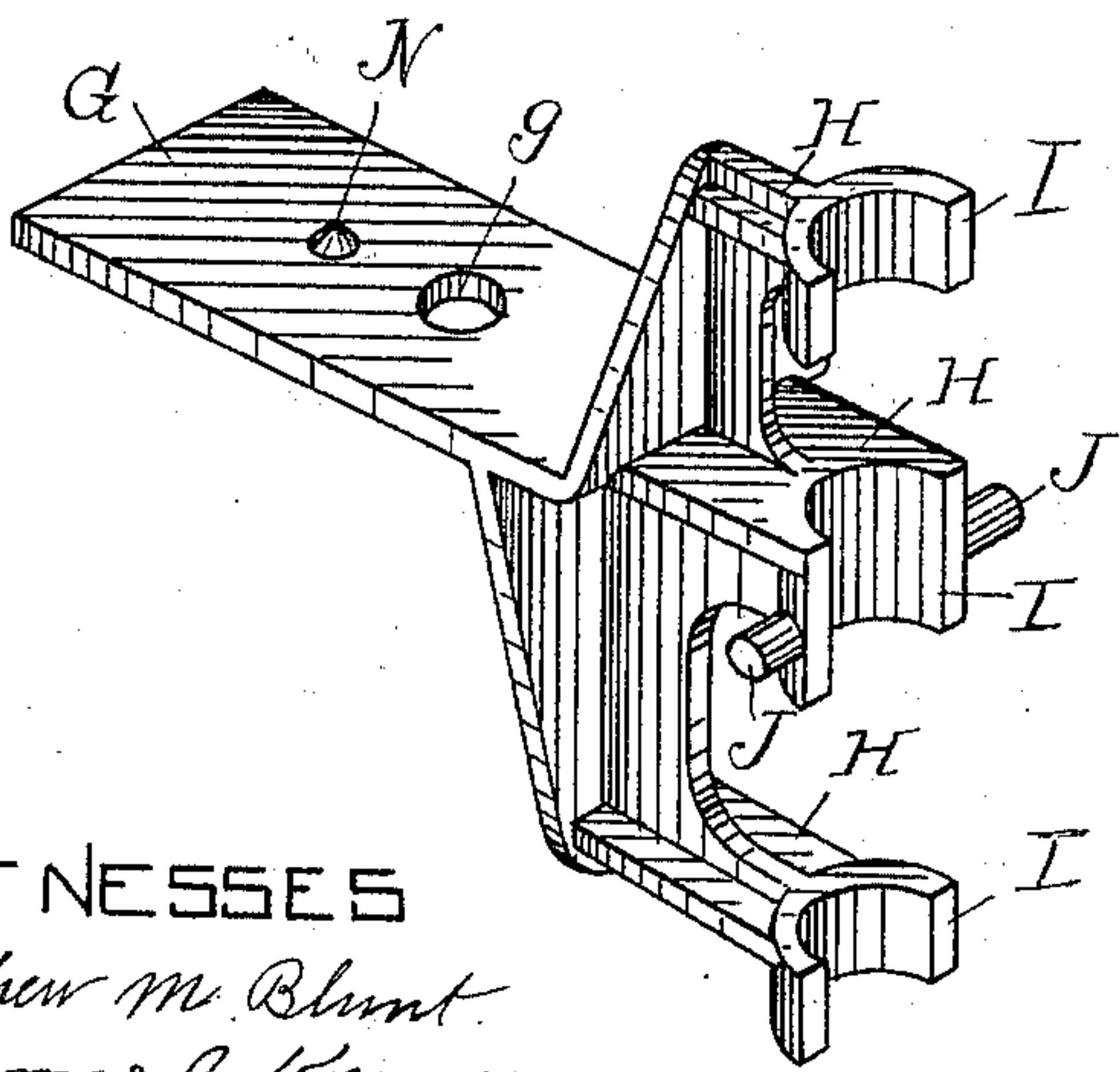
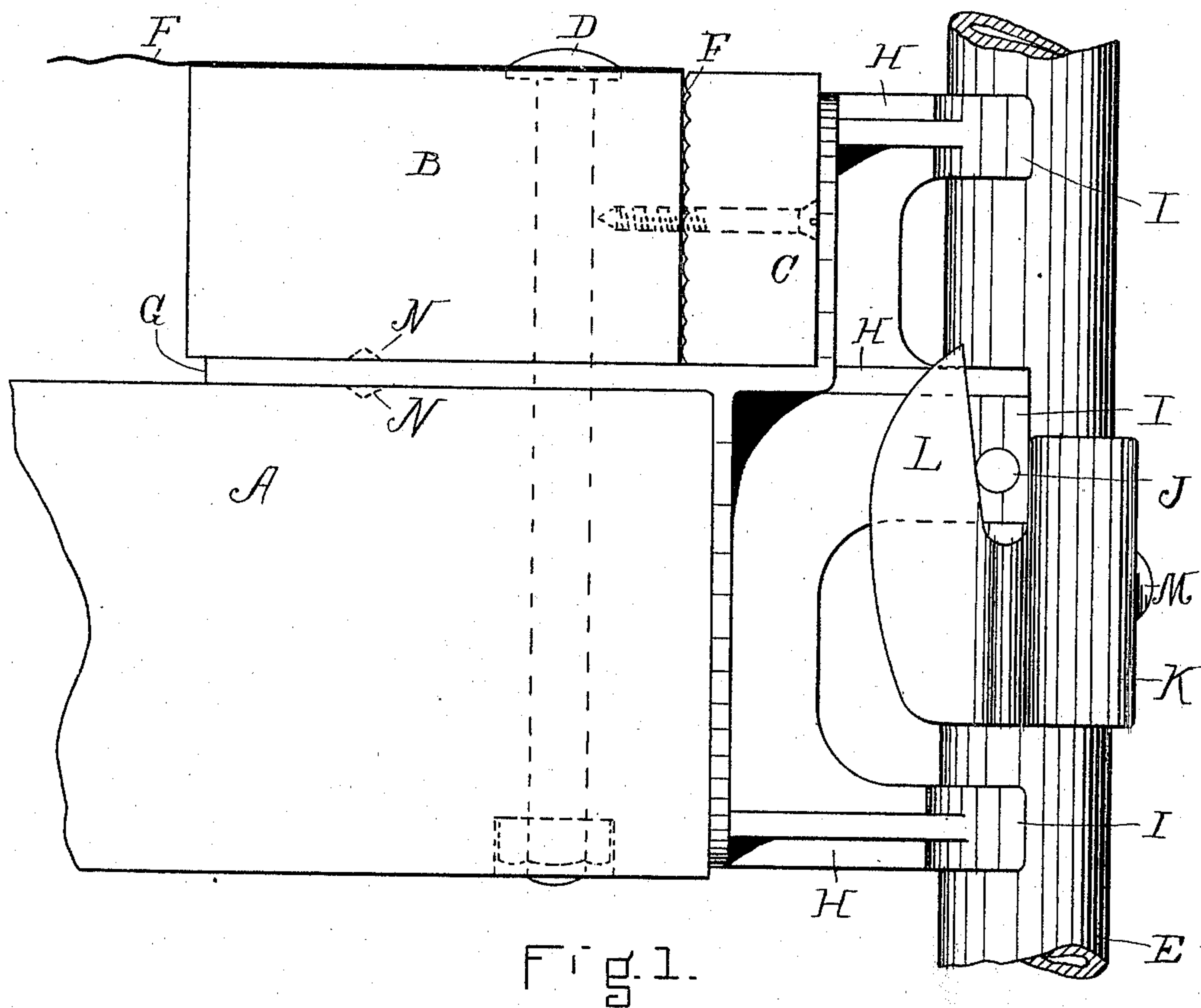


(No Model.)

A. E. KENNEY.
BED LOCK.

No. 586,042.

Patented July 6, 1897.



WITNESSES
Matthew M. Blunt.
Thomas J. Kenny

Fig. 2.

INVENTOR.

Alphonso E. Kenney,
by A. A. Spencer.

ATTY.

UNITED STATES PATENT OFFICE.

ALPHONSO E. KENNEY, OF BOSTON, MASSACHUSETTS.

BED-LOCK.

SPECIFICATION forming part of Letters Patent No. 586,042, dated July 6, 1897.

Application filed April 12, 1895. Renewed January 12, 1897. Serial No. 619,015. (No model.)

To all whom it may concern:

Be it known that I, ALPHONSO E. KENNEY, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Bed-Locks, of which the following, taken in connection with the accompanying drawings, is a specification.

The object of this invention is to provide a lock or fastening to unite the head-board and foot-board of an iron bedstead to the corners of the mattress-frame in such a way as to render entirely unnecessary the usual side rails of the bedstead, the side pieces of the mattress-frame serving also as sides for the bedstead.

My invention includes the peculiar bracket described, firmly secured to the corner of the mattress-frame, and the double-hooked supporting device embracing and fixed to the hollow bedpost at the proper height for the bed.

At each end of each side piece of the mattress-frame I furnish a bracket having three semicircular bearings to fit against the side of the tubular iron post of the bedstead and a broad flat flange held firmly between the side and end pieces of the mattress-frame. The corner-bolts extend through said frame-pieces and flange, holding all firmly together.

Lateral lugs project outwardly from the bracket at the sides of the central bearing, each engaging with the inclined edge of a hook-shaped casting secured at proper height on the tubular post. This casting fits upon and is fastened to the outer face of the post, which it nearly surrounds, its sides being recessed about vertically to receive from above the bracket-lugs. Each side thus terminates in a hook or horn having an oblique edge on which the lug bears, causing the casting to hug the post and to hold the bracket more firmly as the weight on the bed increases. The head end and foot end of the bedstead are thus instantly secured to the corners of the mattress-frame without additional parts and with very little labor, making a material saving in weight and cost by omitting the bedstead sides.

In the drawings, Figure 1 is a side elevation of the corner of a mattress-frame and part

of the bedstead-post, showing my improvements uniting them in working position. Fig. 2 is a perspective view of the bracket peculiar to my invention, and Fig. 3 a like view of the hooked support therefor detached from the post.

A represents the side rails of the mattress-frame, and B its end rail, made of the usual material and proportions and having the wire fabric F of the bed-bottom secured to the end rail. The rails A and B are securely united cornerwise by the strong vertical bolt D and its nut.

E is the tubular metallic post of the head or foot board.

The bracket peculiar to my invention is a skeleton casting having a broad flat tongue G, extending in between the rails A and B, arms H, projecting downwardly, upwardly, and outwardly adjacent to said rails at the end of the side rail, and semicircular bearings I at the ends of said arms to fit against the tubular iron post E of the bedstead, the central bearing having strong lateral lugs J formed on each side of it about as shown. Strengthening flanges or ribs are provided to resist the strains of use. The arms H preferably bear firmly against the end of the side rail and the side of the cleat C in the same vertical plane as the post E. A perforation g is formed through the tongue G to receive the bolt D. Thus the bracket is held firmly to the mattress-frame by the bolts which unite such frame cornerwise.

The hooked support K, with which the bracket engages, is also of peculiar construction. It consists of a casting or forging fitting upon the post E like a saddle, with sides extending toward the end of rail A and terminating in upturned hook-like horns or wings L, having oblique edges with which the lugs J of the bracket engage, causing the bearings I to hug the inner face of the post closely and the support or saddle to embrace it from the outside. This support is secured to the post at the proper height by a single bolt or rivet M.

The bearing may be continuous instead of being in three sections, as shown; but the form shown is advantageous for its lightness and strength and because it does not inter-

fere with the nut or washer at the inner end
of the supporting bolt or rivet M. The tongue
G may have conical or other projections N to
penetrate the wooden rails above and below it
5 to aid in holding the parts in proper position.

I claim as my invention—

The combination of the frame-rails A B and
bolt D, with the bracket having the flat tongue
G and bolt-hole g, arms H, bearings I, and lat-
10 eral lugs J, and with the hooked support K L L,
fixed firmly on the tubular post to engage with

the lugs of the bracket, substantially as set
forth.

In testimony whereof I have signed my
name to this specification, in the presence of 15
two subscribing witnesses, on this 12th day of
March, A. D. 1895.

ALPHONSO E. KENNEY.

Witnesses:

A. H. SPENCER,

CHARLES D. KEYES.