

W. WOKURKA.
BEDSTEAD.

APPLICATION FILED OCT. 3, 1907.

933,810.

Patented Sept. 14, 1909.

Fig. 1.

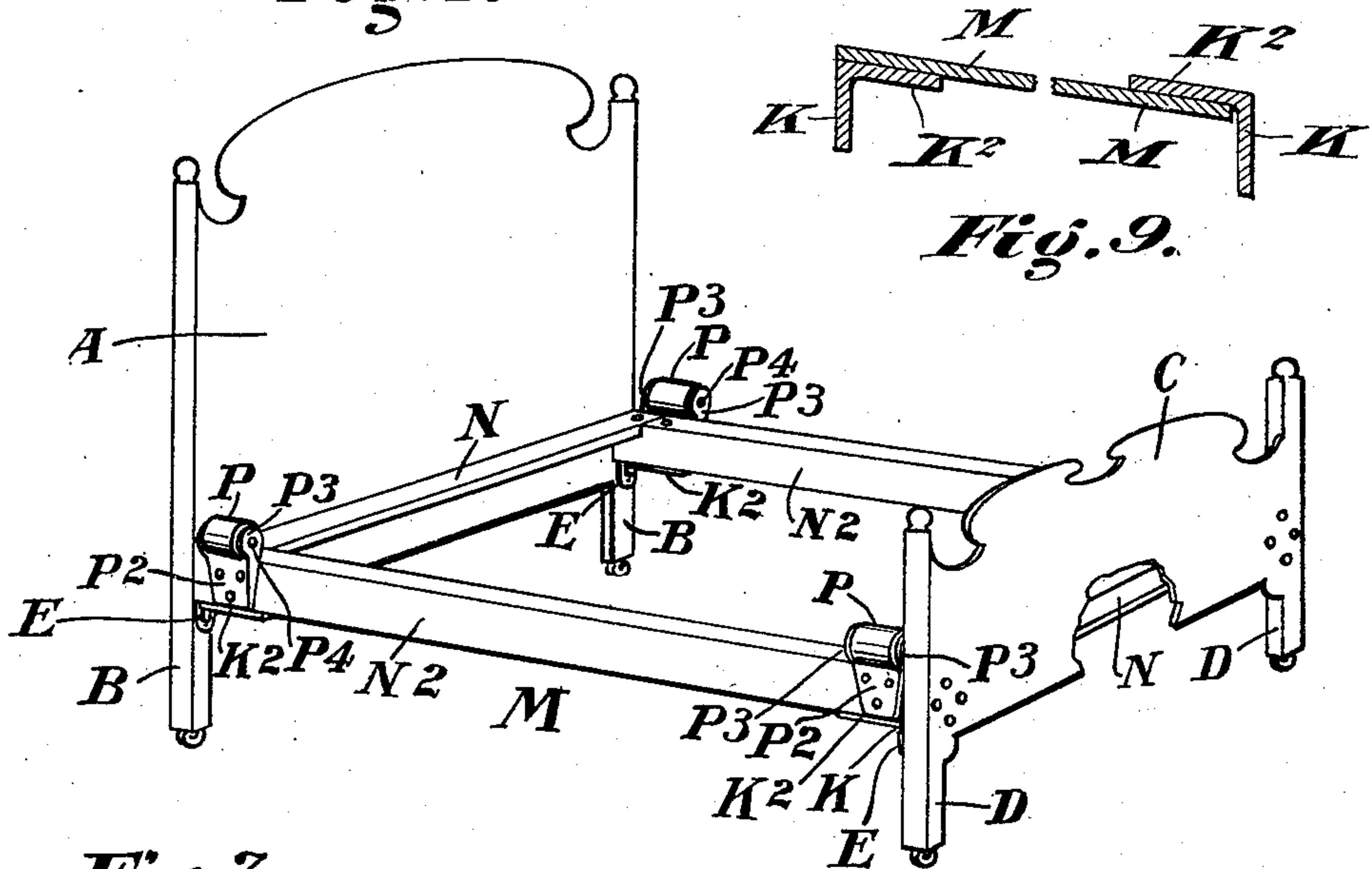


Fig. 9.

Fig. 3.

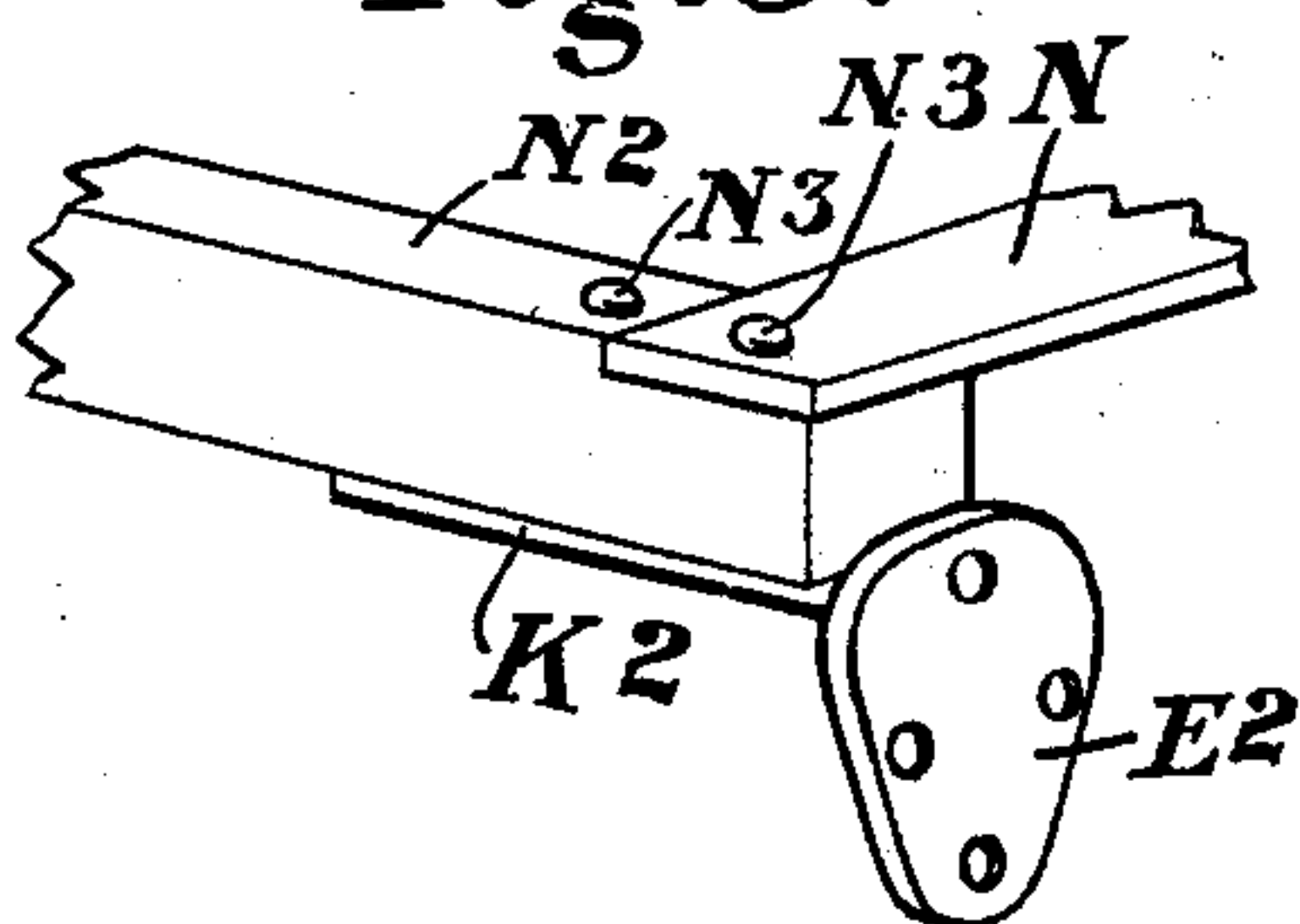


Fig. 2.

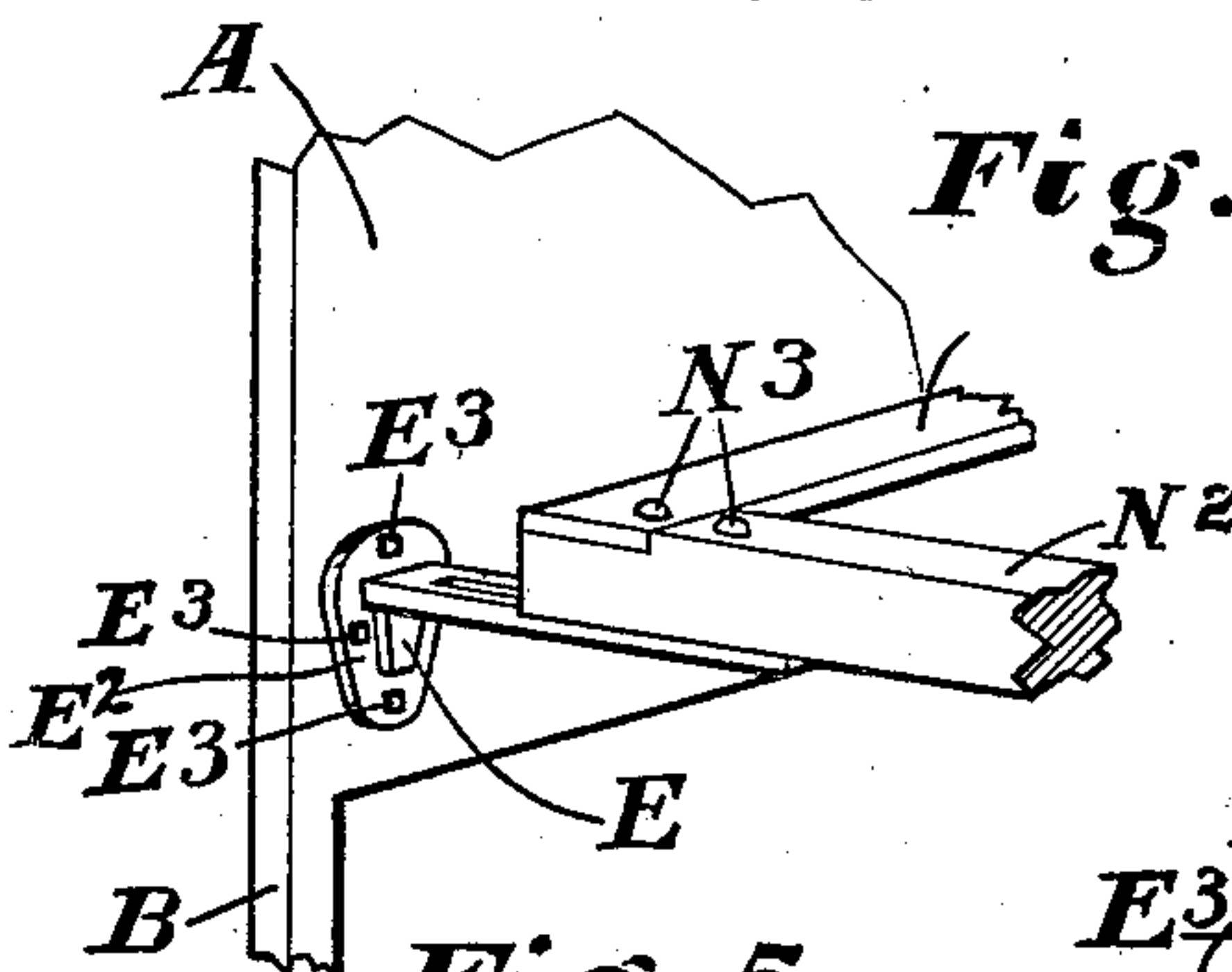


Fig. 4.

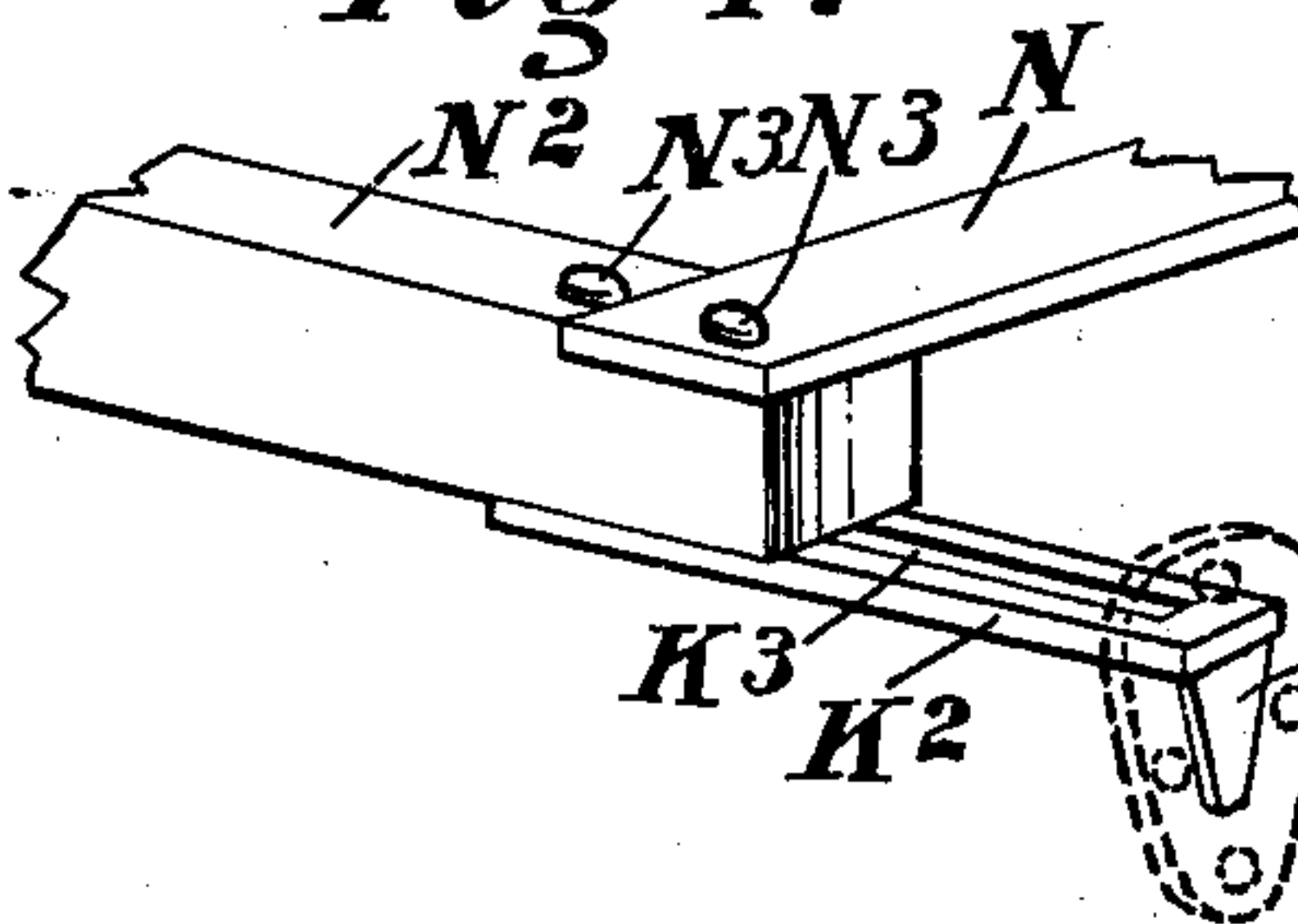


Fig. 5.

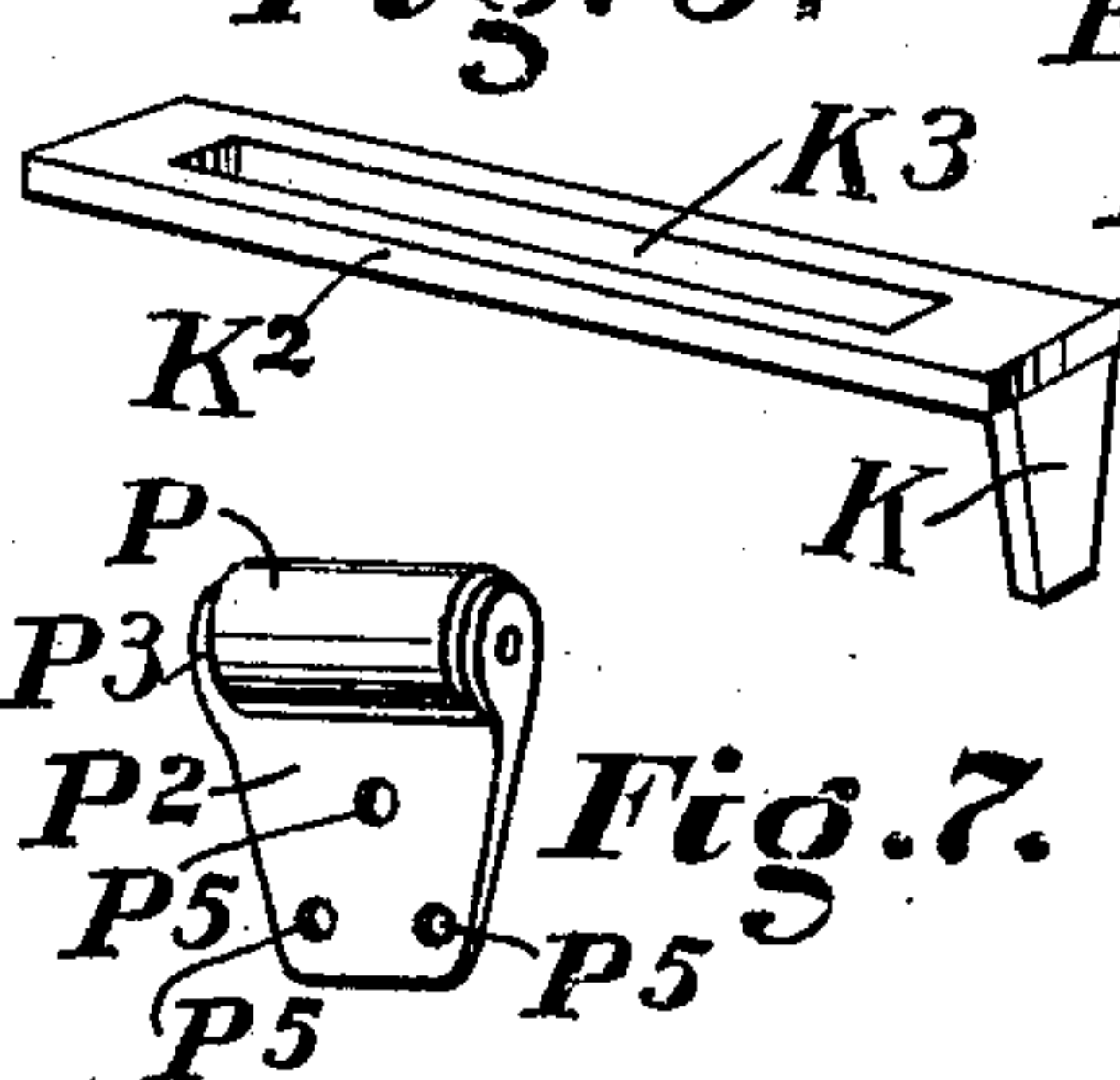


Fig. 6.

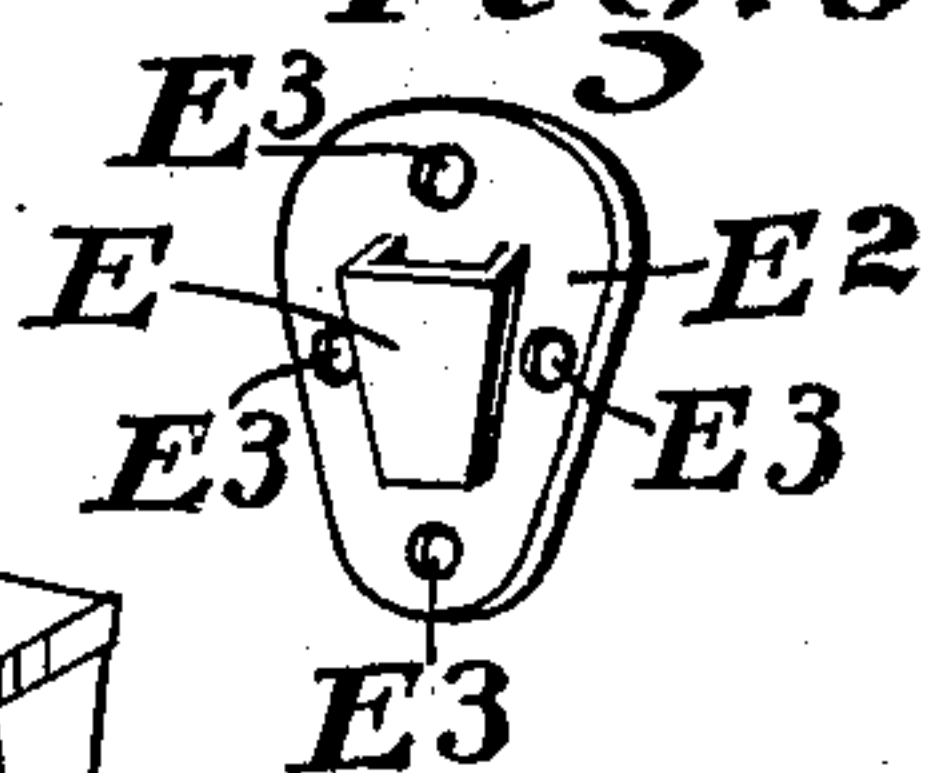


Fig. 7.

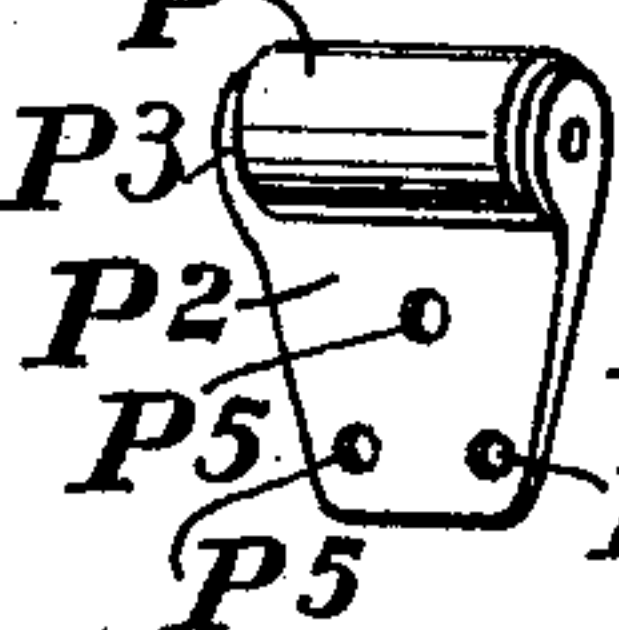
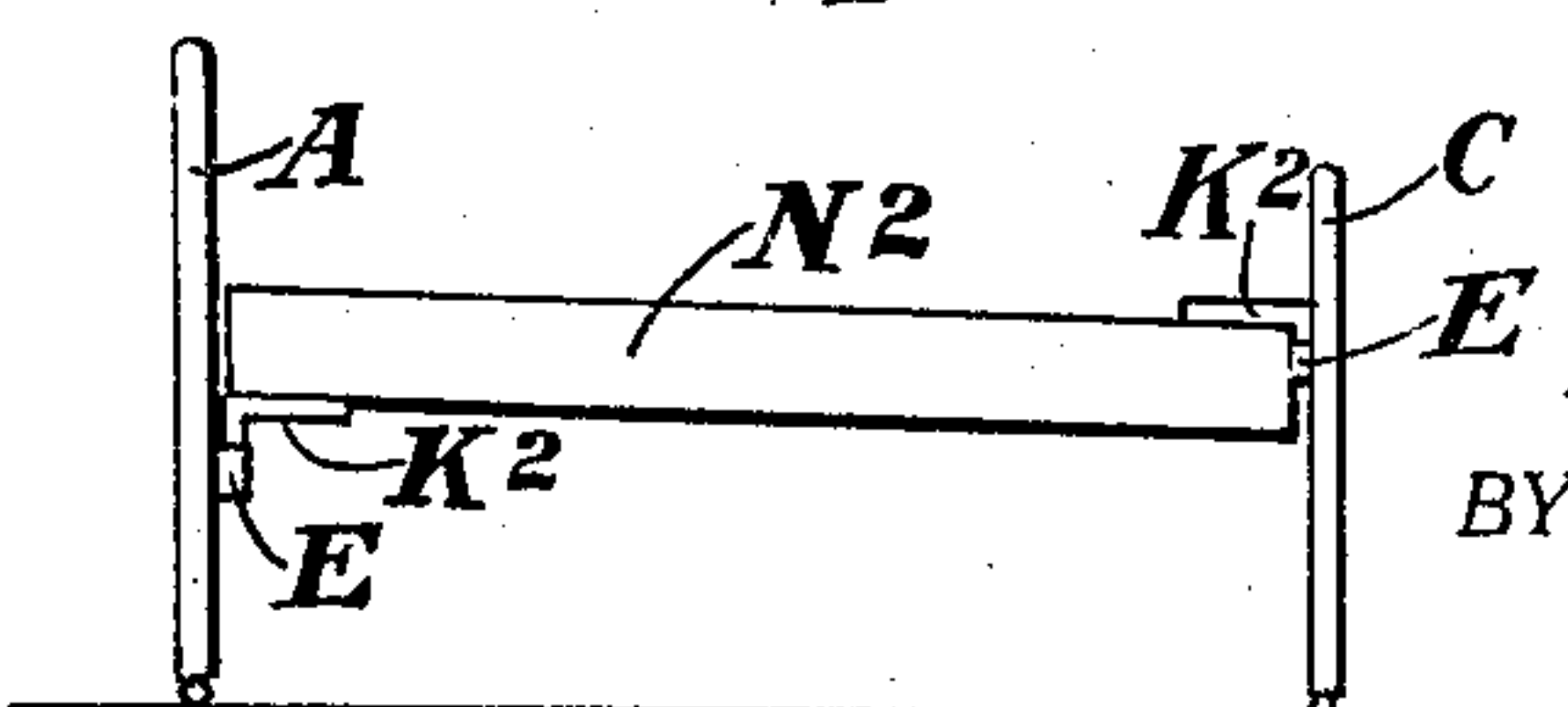


Fig. 8.



WITNESSES:
Charles Spiegel,
H. Smith,

INVENTOR.

William Wokurka

BY

Wm. Hubbell Fisher,

ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM WOKURKA, OF CINCINNATI, OHIO.

BEDSTEAD.

933,810.

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To all whom it may concern:

Be it known that I, WILLIAM WOKURKA, a citizen of the United States, and a resident of the city of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Bedsteads, of which the following is a specification.

The object of my invention relates primarily to the application of mattresses to bedsteads.

One object of my invention is to enable that part of the bedstead which is to receive the mattress to be readily adjusted to the length of the mattress to be used upon the bed.

Another object of my invention is to enable the mattress to be readily and easily placed upon the bedstead, and readily and easily removed therefrom, as the occasion demands.

The several features of my invention and the various advantages resulting from their use conjointly or otherwise will be apparent from the following description and claims.

In the accompanying drawings making a part of this specification, and in which similar letters of reference indicate corresponding parts,—Figure 1 affords a view in perspective of a bedstead embodying my invention. Fig. 2 is a view in perspective of a corner portion of the bedstead shown in Fig. 1, and is presented to illustrate the capacity my invention contributes for adjusting the length of the bedstead. Fig. 3 is a detail view in perspective of a corner portion of the bed frame which supports the mattress. Fig. 4 is a view similar to that of Fig. 3, but showing the hook of the bracket for supporting that corner of the mattress or bed, extended out as is necessary when the distance between the head and foot board of the bed is to be increased to make the bed longer. In this view, the socket which is shown in solid lines in Fig. 3 is here shown diagrammatically in dotted lines to indicate its position relative to the hook of the bracket. Fig. 5 is a view in perspective of any one of the brackets for supporting a corner of the bed, and for uniting the end board to the frame which directly supports the mattress or bed. Fig. 6 is a view in perspective of the front side of the socket and its accompanying flange. Fig. 7 is a view in perspective of one of the rollers which is combined with the bed frame to enable the

mattress to be easily replaced upon the bed or removed therefrom. Fig. 8 is a side elevation showing the supporting brackets at foot of bed frame located on top of said frame to make the bed frame incline downward from front to rear. Fig. 9 shows the means of fastening the rail to the bracket where the bracket is above the rail.

I will now proceed to describe my invention in detail. The head end A of the bedstead must have legs B, B, and the foot end C of the bedstead must have legs D, D. But the headboard of the head may be formed after any desired tasteful and beautiful pattern, and so may also the footboard. To each of the legs B, B, I secure a socket E preferably of metal. In its preferred form, the socket has an outer flange E² and when this is present, this flange is made the means of securing the socket to the leg. Through this flange E², I pass bolts E³, which extend into or through the leg. The bolts may screw into the wood of the leg or project beyond and in the latter case be secured by a nut screwed onto that part of the bolt which projects beyond the leg. I provide hooks K, each having a bracket arm K². Each arm has a longitudinal slot K³ therein.

M is the frame of the bedstead which supports the mattress. This frame may be constructed in any suitable manner. In the illustrative drawing, it is shown as composed of four main pieces, namely: two side bars N², N² and the end bars N, N. These side bars N², N² are connected to the end bars N, N, by means of bolts in any of the well known modes. To the under side of the bar N², I attach the bracket arms K², said bracket arms being respectively provided with its hook K. One of these bracket arms is located at one end of the side bar N², and another bracket arm at the other end of the side bar N². Each bracket arm K² is connected to its end portion of the side bar N² by means of suitable bolts N³, N³ which pass through the side bar N² and through the slot K³ of the bracket arm K². A nut on each bolt serves to connect the bracket arm to the side bar N². Two bolts are preferred to one, because they confer increased steadiness upon the bracket arm and prevent its being moved laterally relatively to its side arm N². In other words, these two bolts keep the bracket arm K² in alinement with the side bar N². By means of these bolts and the slot K³ of the bracket arm, the latter can be moved

longitudinally along from the position shown in Figs. 1 and 3 to the position shown in Figs. 2 and 4. In other words, the hook K may be thus located near to or farther from the adjacent end of the side bar, according as it is desired to make the bed frame upon which the bed shall be supported longer or shorter.

A socket E provided with a flange E² is located upon the end of the bedstead and in position so that it shall receive the hook K of the bracket arm K² in a suitable manner. This socket E is secured in place by bolts passing through the holes E³ of the flange and into or through the end of the bedstead. Thus the head end of the bedstead A is provided with two of these sockets, one opposite the left hand bar N² and the other opposite the right hand bar N², and the rear end C of the bedstead is likewise provided with two of such sockets, one opposite the left hand end of the side bar N² and the other opposite the right hand end of said bar N². The adjacent hook K of the adjacent bracket E² is received into said adjacent socket. In this manner, the entire bed frame N², N², N, N, is strongly and steadily supported in position. When it is desired to lengthen the bed portion of the bedstead, namely: that portion of it which lies between the two ends A and C, the bolts N³, N³ of the brackets at one end are loosened, and the adjacent end drawn outwardly so far as may be, and the bolts N³, N³, again tightened. Should a still greater lengthening of the bedstead be desired, those brackets which are at the other end of the bedstead may likewise be extended out so that their hooks K shall be farther from the adjacent ends of the side bars N², N² and the bolts N³, N³ which hold them be duly tightened. In this way, more additional space as to length is obtained between the two ends of the bedstead, for the reception of the bedding. When desired, the rear brackets K², K² may be respectively located upon the upper ends of their respective side bars N², N², and their sockets be located on the adjacent end board properly to receive their respective hooks. In this way, when desired, the bed frame may be located in a somewhat slanting position,—the foot of the bed frame being located a little lower than the head of it, so that the feet of the sleeper shall be slightly below his head and shoulders, see Fig. 8. In such a construction, each hook K will be vertical and the bracket arm K² of the hook at the head of the bed will make an acute angle with the hook K, and the hook K at the foot of the bed will make an obtuse angle with its bracket arm K², substantially as shown in Fig. 9. This feature of my invention is very simple of construction and cheap in cost, yet efficient in service.

Each corner of the bed frame is provided

with a roller P, suitably connected at a proper point at or near said corner of the bed frame. In the illustrative drawing, I have shown each bracket supporting the said roller as located on the outside of its adjacent supporting side bar N², and near the end of the side bar. The bracket consists preferably as shown, a plate P² provided with side flanges P³ carrying a pivot P⁴, on which pivot the roller P is journaled or fixed between the flanges P³. Bolts or screws passing through the holes P⁵ of the plate P² are the preferred means of securing the plate P² to the bed frame. These rollers are of great service in enabling the mattress to be rolled upon and on to the slats or supporting network of the bedstead, and of equally efficient service in enabling a mattress to be easily and quickly removed from or off the said bed frame.

It is a well known fact that the mattresses as now made are usually very heavy and many of them stiff. They constitute a very heavy load for a strong person to lift on to the bed or off from the bed frame. This feature of my invention consisting of these rollers enables a person comparatively weak to handle the mattress with comparative ease in replacing it upon the bed frame or in removing it therefrom.

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

1. In a bedstead, the combination of the side bars, each inclined lengthwise from the head of the bed downward toward the foot of the bed and the end bars, connecting these side bars in a frame, and the bracket arms, each provided with a slotted shank and a hook, the hook of each head bracket making an acute angle with its shank, and the hook of each foot bracket making an obtuse angle with its shank, substantially as and for the purposes specified.

2. In a bedstead, the combination of the side bars, each inclined lengthwise from the head of the bed downward toward the foot of the bed and the end bars, connecting these side bars in a frame, and the bracket arms, each provided with a slotted shank and a hook, the slotted shank of each head bracket being located beneath its adjacent side bar, and connected thereto, and its hook making an acute angle with the slotted shank, the slotted shank of each foot bracket being located above the adjacent side bar and connected thereto and making an obtuse angle with the slotted shank, substantially as and for the purposes specified.

3. In a bedstead, the combination of the side bars, each inclined lengthwise from the head of the bed downward toward the foot of the bed and the end bars, connecting these side bars in a frame, and the bracket arms, each provided with a slotted shank and a hook, the slotted shank of each head bracket being located beneath its adjacent side bar,

and connected thereto, the slotted shank of each foot bracket being located above the adjacent side bar and connected thereto, substantially as and for the purposes specified.

5 4. In a bedstead, the combination of the side bars, each inclined lengthwise from the head of the bed downward toward the foot of the bed and the end bars, connecting these side bars in a frame, and the bracket arms,
10 each provided with a slotted shank and a hook, the slotted shank of each head bracket being located beneath its adjacent side bar,

and connected thereto, the slotted shank of each foot bracket being located above the adjacent side bar and connected thereto, the 15 hook of each foot bracket being located between the end of the side bar and the foot board, substantially as and for the purposes specified.

WILLIAM WOKURKA.

Attest:

STARBUCK SMITH,
K. SMITH.