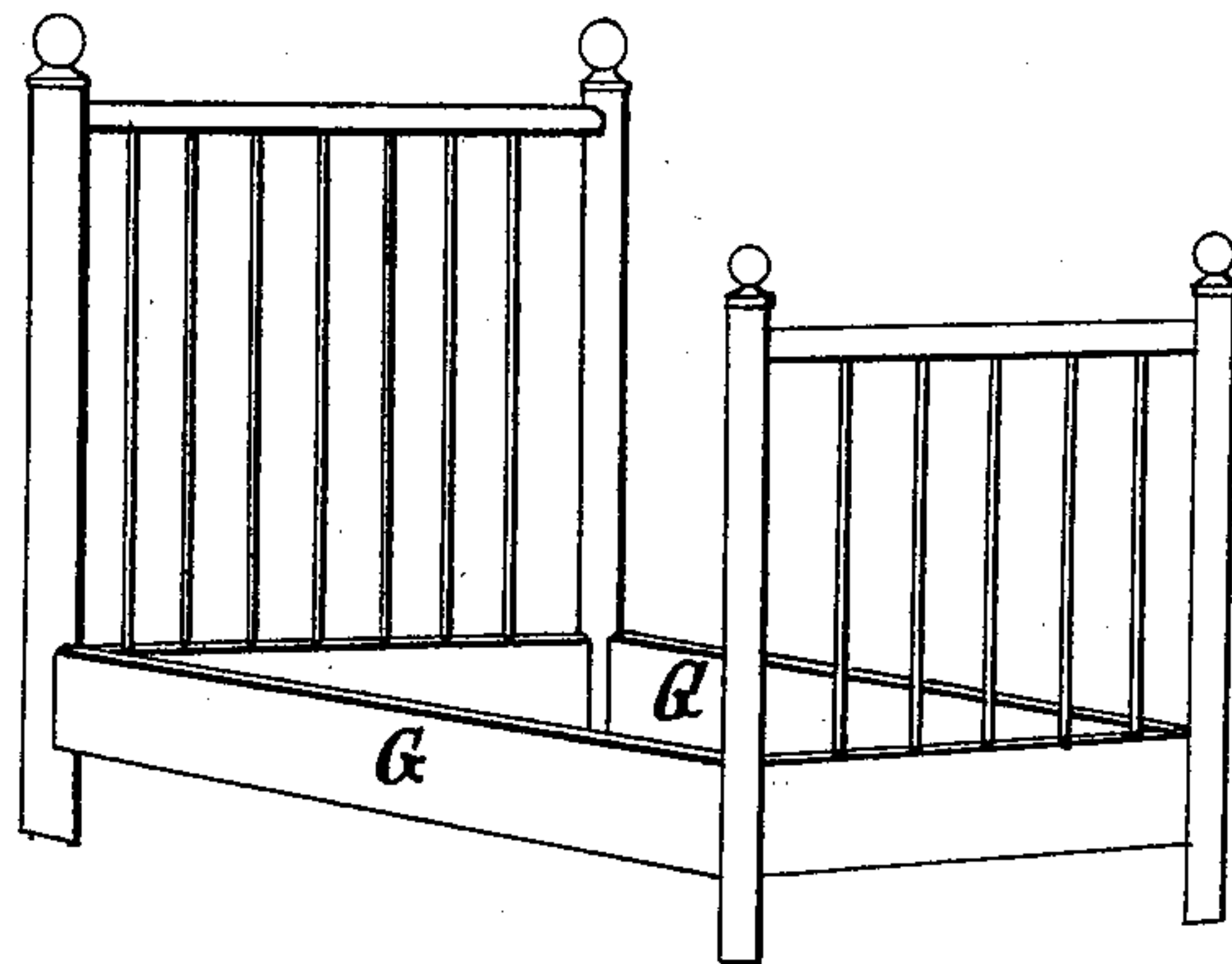


(No Model.)

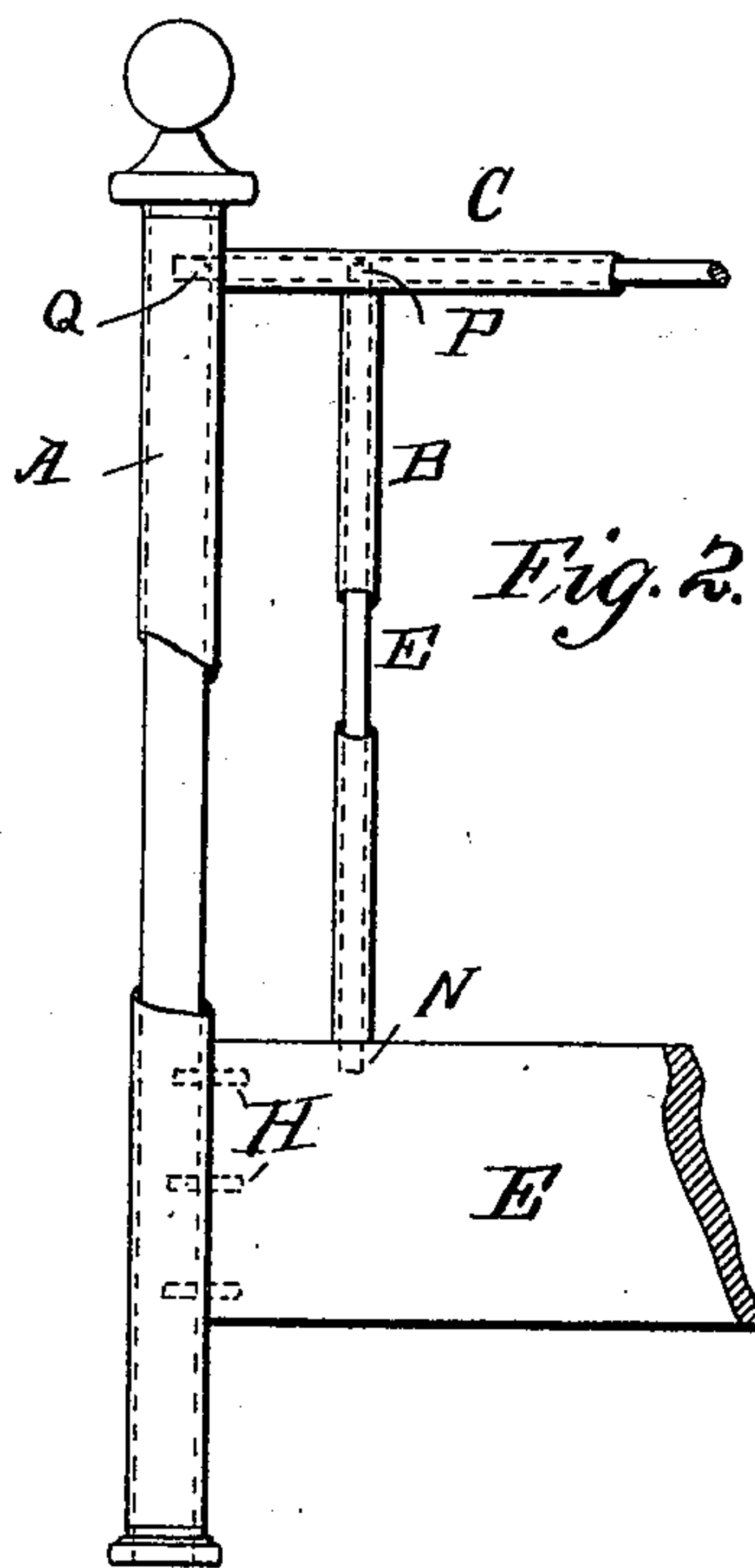
A. W. HOMPE.  
METALLIC BEDSTEAD.

No. 594,016.

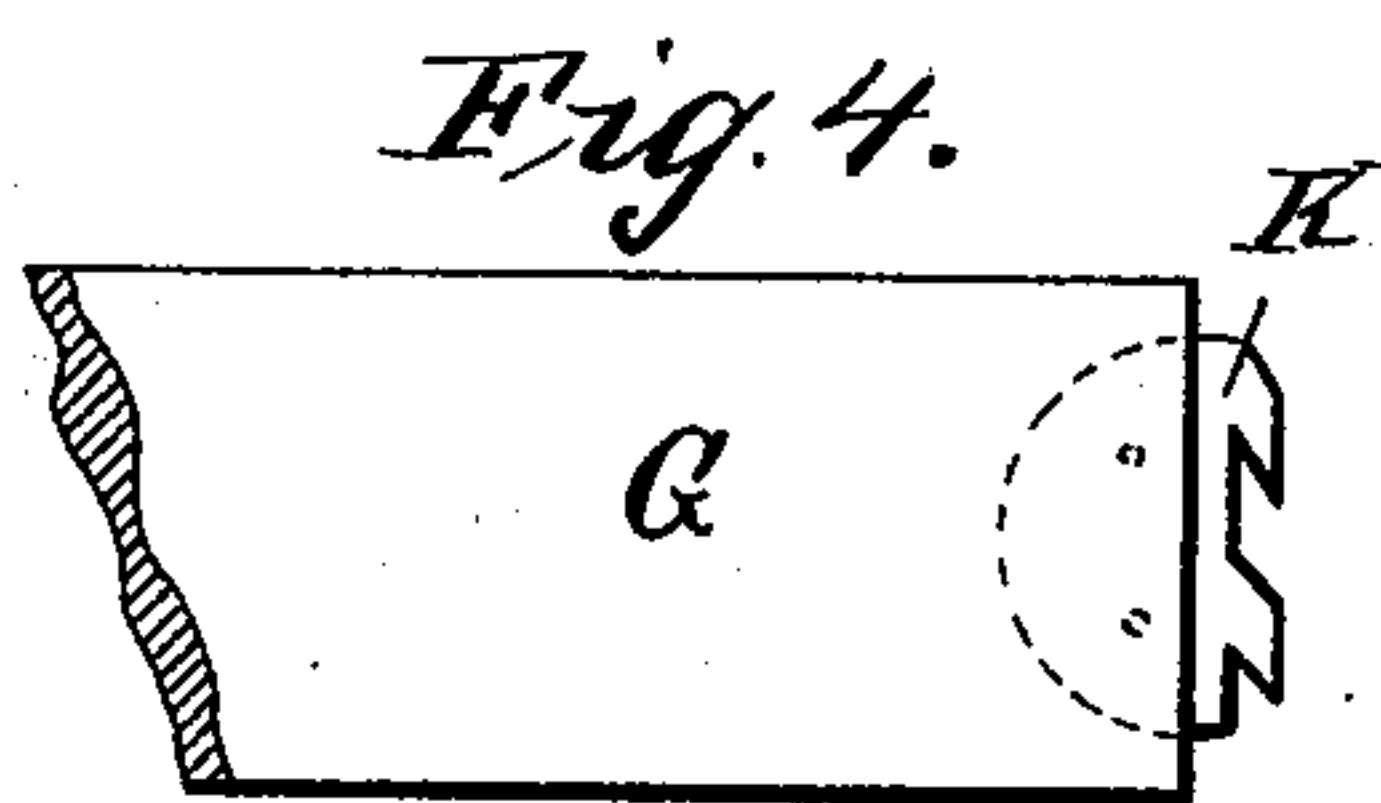
Patented Nov. 23, 1897.



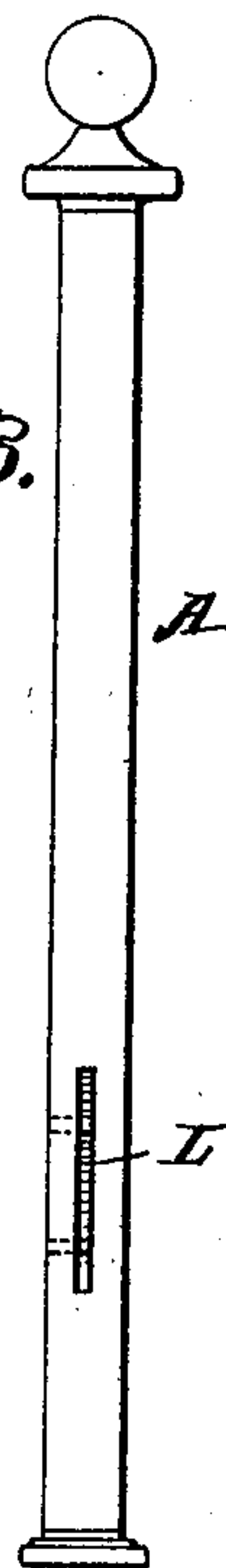
*Fig. 1.*



*Fig. 2.*



*Fig. 4.*



*Fig. 3.*

Witnesses;  
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Chas W. Parker

Inventor;  
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By R. S. Bacon  
Att'y.

# UNITED STATES PATENT OFFICE.

ALEXANDER W. HOMPE, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO THE  
ROYAL FURNITURE COMPANY, OF SAME PLACE.

## METALLIC BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 594,016, dated November 23, 1897.

Application filed February 27, 1896. Serial No. 581,003. (No model.)

*To all whom it may concern:*

Be it known that I, ALEXANDER W. HOMPE, a citizen of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Metallic Bedsteads, of which the following is a specification.

This invention relates to certain new and useful improvements in metallic bedsteads, and especially to bedsteads known as "brass" or "iron" bedsteads, in which the general framework of the bedstead is made of metal, usually in cylindrical form, and which in the sample of my invention is preferably provided with wooden side and foot rails; and the invention consists in the combination, with the metallic parts, of wooden fillings, the metallic posts being provided with openings allowing the side rails to be attached to the wooden inner portion of the posts through said openings.

It also consists in the combination as hereinafter described.

The objects of my invention are, first, to construct a metallic bed which will combine great strength with the least amount of weight; second, to cheapen the structure of the bed and render it more rigid and substantial; third, to produce a cheaper and more secure method of attaching together the several parts of which the framework of the bed is composed; fourth, in the general features of construction hereinafter named, and particularly pointed out in the claims. These objects I accomplish by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 shows a perspective view of a bedstead constructed in accordance with my invention. Fig. 2 shows an end elevation of a portion of the foot of a bed, on an enlarged scale, with portions of the metallic covering cut away in order to show more fully the general construction of the framework. Fig. 3 shows an elevation of a single post, on an enlarged scale, with the opening in the cylindrical part designed to receive the iron bed-rail. Fig. 4 shows an elevation of a portion of a side rail with the bed-iron in position.

Similar letters refer to similar parts throughout the several views.

A shows the cylindrical or metallic part of the post. B shows the metallic or outer part of the upright spindles. C represents the upper top piece, which is secured to the posts in a manner hereinafter described. These various parts are of tubular formation and cylindrical. They may, however, be of any desirable shape in cross-section.

D shows the inner wooden filling of the posts. This inner wooden filling D is made to correspond to the shape of the post. In ordinary metallic beds the posts are round, but they may be made of any suitable form or shape, the wooden filling D being made of corresponding shape and driven or forced into the metallic shell by any suitable means.

E represents the wooden filling of the spindle. This wooden filling projects beyond the outer or metallic part B at either end for the purpose of forming a tenon, the upper end of which engages with the wooden filling of the top piece C, as shown in Fig. 2 by P. The lower end or projection engages with the foot-rail F, as shown by N.

F represents the foot-rail, which is preferably attached to the post A by means of the dowels H H H, said dowels passing through openings in the metallic shell A and being secured in the wooden portion D, preferably by means of glue, the other end of the dowels being secured in any suitable manner in the side rail F. The foot-rail and head-rail are constructed substantially alike and attached in substantially the same manner. The top piece C is also filled with wood, as shown in Fig. 2, the wooden filling projecting beyond the metallic covering at either end and the projection passing through an opening in the shell of the post A and secured therein by means of glue or other suitable means, as shown by O in said Fig. 2.

G represents the side rails, which are preferably composed of wood and provided at each end with a bed-iron of any ordinary construction. One form of said bed-iron is shown in Fig. 4 by K.

L represents an opening or slot through the shell of the post and into the wooden filling



in the sample of my invention shown in the drawings and more particularly illustrated in Fig. 3. The slot is provided with pins, (shown by the dotted lines,) with which the  
 5 bed-iron K engages. This method of attachment is substantially the same as that used in ordinary beds with the exception that the opening extends through the outer shell and the pins are secured to the wood within the  
 10 shell of the post. By filling the posts with wood, as above described, very little metal can be used in the outer shell and still sufficient strength be given to the bedstead.

Another advantage of this construction  
 15 consists in the fact that the top piece C can be readily attached by means of this wooden filling extending beyond its metal part and through the opening in the shell A into the wooden filling D and there glued. This obvi-  
 20 ates the necessity of any plate or excrescence upon the post and makes a very secure and rigid attachment. The same is true in regard to the attachment of the spindles to the top piece C to the bed-rails F.

25 The wooden filling in the posts, in addition to the advantage obtained by giving the bedstead strength and rigidity and to the advantage of attaching the top piece and rails thereto, also furnishes a means for applying  
 30 the casters directly to the bed-posts without any additional metal or metallic plate connected therewith, the lower end of the wooden filling being bored and provided with a caster-socket in the ordinary manner, thereby  
 35 considerably cheapening the structure.

I have referred to the foot and head rails F and the side rails G as being preferably constructed of wood; but it will be evident that metallic rails can be used in place of  
 40 wooden rails, in which case I prefer to have the same filled with wood, so that they may be attached in the same manner or substantially the same manner if the top piece C is attached to the posts.

45 By using the broad wood side and end

boards the same constitute and serve as valances, thus dispensing with all drapery at these points.

An additional advantage resides in the provision of the extended bearing-surfaces at  
 50 the points of union of the boards with the metal posts, which, as experience has demonstrated, enables the making of a far more rigid and stable joint.

Having thus described my invention, what  
 55 I claim to have invented, and desire to secure by Letters Patent, is—

1. In a metallic bedstead, the combination with tubular end posts having wood fillings, of side rails having hooks projecting into the  
 60 wood fillings, and metal connecting-tubes between the posts at the ends of the bedstead having engagement with the post, and provided with wood fillings which project beyond the tubes into the wood fillings of the post,  
 65 substantially as described.

2. A metal bedstead comprising end sections formed with tubular posts having wood fillings, and connecting metal tubes between the posts having engagement therewith, and  
 70 provided with wood fillings which project beyond the ends of the tubes into the wood fillings of the posts, substantially as described.

3. In a metallic bedstead, the combination with metal posts each having wood fillings,  
 75 of side rails, tubular metallic top end pieces having engagement with the posts, and provided with wood fillings which project into the wood fillings of the post, broad wood end rails having doveled connection with the  
 80 wood filling of the post, and spindles consisting of metal tubes having wood fillings, substantially as described.

In witness whereof I have hereunto set my hand and seal in the presence of two wit-  
 85 nesses.

ALEXANDER W. HOMPE. [I, s.]

Witnesses:

ELVIN SWARTHOUT,  
 CHRISTOPHER HONDELINK.