No. 721,610. PATENTED FEB. 24, 1903.

R. SCOTT.

CASTER ATTACHMENT FOR BEDSTEADS.

APPLICATION FILED SEPT. 5, 1902.

NO MODEL.

FIG. 1

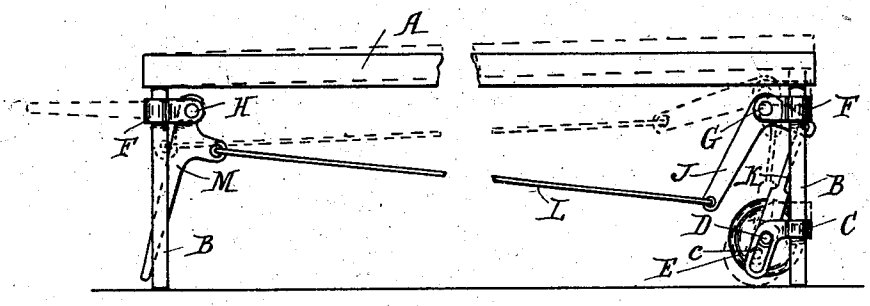
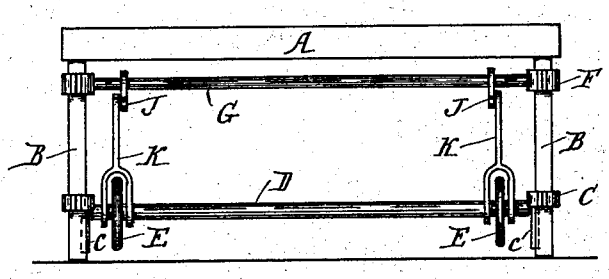


FIG. 2



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ROBERT SCOTT, OF WAIPUKURAU, NEW ZEALAND.

CASTER ATTACHMENT FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 721,610, dated February 24, 1903.

Application filed September 5, 1902. Serial No. 122,268. (No model.)

To all whom it may concern:

Be it known that I, ROBERT SCOTT, a subject of the King of Great Britain, residing at Waipukurau, in the Colony of New Zealand, have invented a new and useful Caster Attachment for Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the same.

The caster attachments to bedsteads that form the subject of the present invention have been specially designed for use with hospital or sanatorium beds, which are often required to be moved about from place to place without moving the patients therefrom.

The object of the invention is to provide means whereby this may be readily performed with a minimum of discomfort to such patient.

The appliances for carrying out the invention consist of a pair of wheels that are mounted upon a spindle carried in bearings secured to the legs at one end of the bed. These wheels remain normally raised from the floor when the bed is resting on its legs. The spindle of these wheels has connected to it a pair of levers that are connected, respectively, to a pair of levers upon a spindle mounted in bearings on the other end of the bed. The turning of these levers will cause the wheel-spindle to be depressed and that end of the bed raised from the floor, so that its weight will rest upon the wheels. The other end may then be raised by means of its levers acting as handles and the bed be run about on its wheels in the same manner as an ordinary two-wheeled truck.

In the accompanying drawings, Figure 1 is a side elevation of a bed-frame, showing the attachments in position thereon. Fig. 2 is an end elevation of the same.

A is the bed-frame, of which B represents the four ordinary legs. To the legs at the bottom end of the bed are attached the bearings C, that are formed with slots *c* therein, in which fit the ends of a spindle D. Upon this spindle are loosely mounted the wheels E, which are preferably provided with rubber tires. Secured also to each of the four legs B are the bearings F, which at the bottom end of the bed serve to support a spindle G and at the top end the spindle H. Upon the spindle G are mounted the two-armed levers J, one arm of each of which is connected to the spindle D by means of the rigid connecting-rods K, which are forked at their lower ends to serve as guides for the wheels E. The other arm of each of these levers J is connected by means of the rods L to the shorter arms of a pair of two-armed levers M, that are mounted upon the spindle H at the top end of the bed. The longer arms of these levers M serve as handles to operate them.

The normal positions of the different parts are shown in full lines in the drawings. Upon raising the long arms of the levers M to the position shown in dotted lines the levers J will be caused to turn on their spindles, so as to depress their shorter arms, and with them the spindle D, the end of which will slide down to the bottoms of the slots *c* in the bearings C. The peripheries of the wheels E will thus be caused to press upon the floor. Upon the motion of the levers being continued the spindle G will be caused to rise, carrying with them the legs B of the bedstead, so that such legs will be raised free of the floor and that end of the bed will be carried by the wheels E. By lifting the top end of the bed with the levers M as handles the whole of the bed will be freed from the floor, and it may be readily moved about upon its wheels E in the same manner as a truck. The operations of the different levers are clearly shown by dotted lines in Fig. 1 of the drawings.

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

In a caster attachment for bedsteads, the bearings F attached to the legs of the bedstead, levers J and M connected together by a rod L pivoted in the said bearings, bearings C attached to the lower ends of the legs at one end of the bedstead and provided with slots, wheels E normally arranged above the floor and having their spindles guided in the slots and rods K connecting the spindles of the wheels with the levers J at one end of the bedstead, substantially as described.

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

ROBERT SCOTT.

Witnesses:
W. ALEXANDER,
IVY W. BARRAND.