

Specification of John Walter Cawley Wren : beds for invalids.

Contributors

Wren, John Walter Cawley.

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A.D. 1855 N° 593.

Beds for Invalids.

(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)

PROVISIONAL SPECIFICATION left by John Walter Cawley Wren at the Office of the Commissioners of Patents, with his Petition, on the 16th March 1855.

I, JOHN WALTER CAWLEY WREN, of Tottenham Court Road, in the County
5 of Middlesex, Iron Bedstead Manufacturer, do hereby declare the nature of the said Invention for "AN IMPROVED CONSTRUCTION OF INVALID BED" to be as follows:—

The object of this Invention is to permit of the bed of an invalid being made up, and of a bed pan being applied and removed, without disturbing the
10 recumbent position of the patient. This I effect by attaching to the ordinary bedstead frame a rectangular frame of a corresponding size, which carries a loose sacking, and is provided with a suitable opening to admit of the application of the pan. This frame I attach to the bedstead by two or more pairs of parallel levers jointed to the sides of the frames. The levers
15 at the foot end of the bed I extend downwards, and connect together by a cross bar, which serves as a treadle to raise the sacking frame. In order to raise the patient, and permit of the removal of the feather bed or mattress from beneath the sacking frame, or the application of the bed pan, it will only be necessary for the nurse to press with her foot upon the treadle,
20 and the sacking frame will rise. When the levers which carry this frame

Wren's Improved Construction of Invalid Bed.

have moved past a vertical line, a stop or stops applied to the main frame of the bedstead will arrest their movement, and thus the sacking frame with the patient upon it will be suspended about 18 inches, more or less, above the bedstead frame. The bed may then be arranged, or the bed pan may be applied and removed, and when this is done the sacking frame is lowered by 5 gently pressing against the foot end thereof, the nurse resting her foot at the same time on the treadle to prevent the frame falling with a jerk.

LONDON :

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