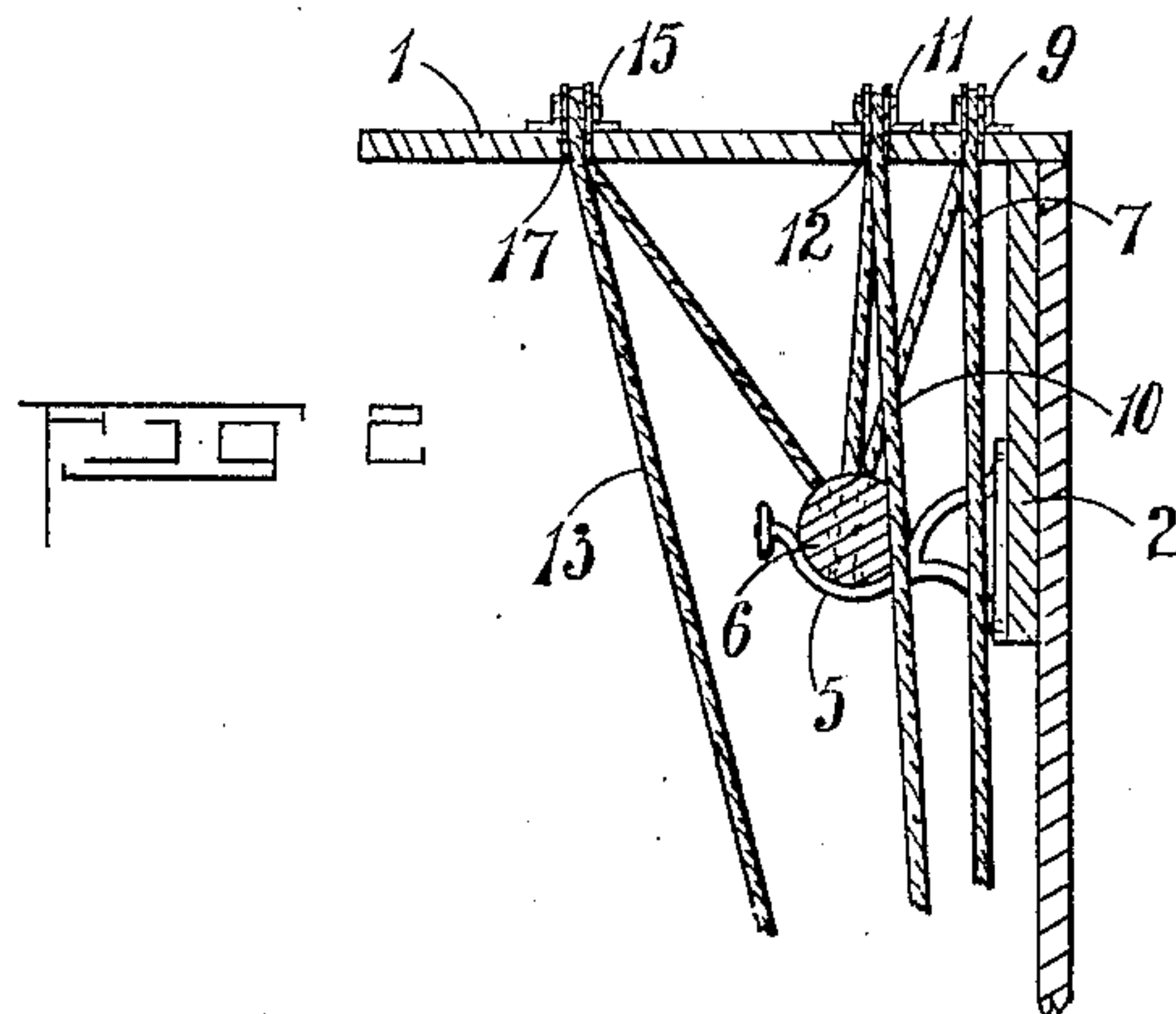
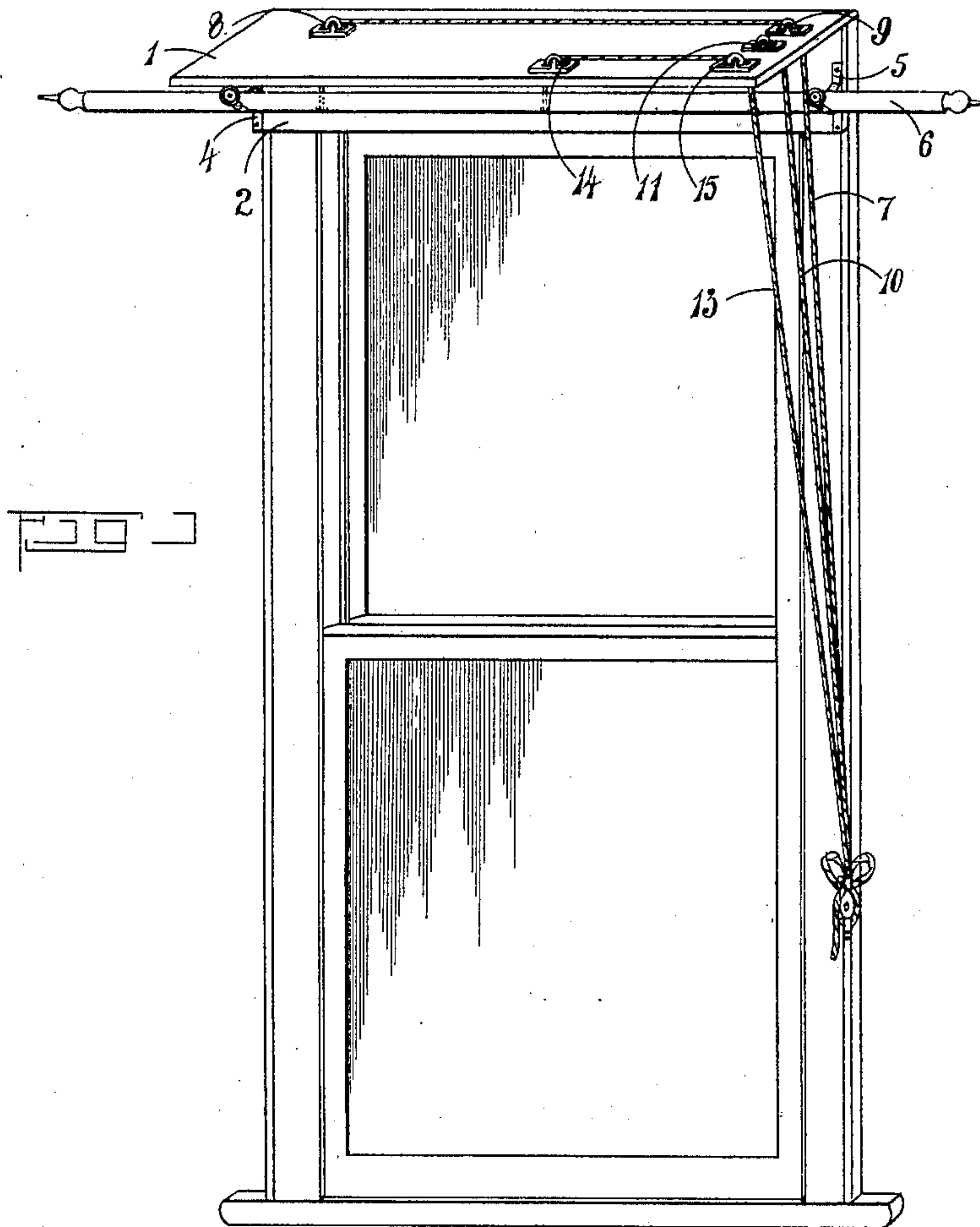


No. 829,593.

PATENTED AUG. 28, 1906.

D. ST. C. MACGREGOR.
MEANS FOR RAISING AND LOWERING CURTAIN POLES.
APPLICATION FILED SEPT. 18, 1905.



Witnesses.

Matson
E. P. O'Donnell

Inventor: Duncan St. Clair Macgregor.

By *Wm. H. Hayward* Attorney

UNITED STATES PATENT OFFICE.

DUNCAN ST. CLAIR MACGREGOR, OF INVERCARGILL, NEW ZEALAND.

MEANS FOR RAISING AND LOWERING CURTAIN-POLES.

No. 829,593.

Specification of Letters Patent.

Patented Aug. 28, 1906.

Application filed September 18, 1905. Serial No. 278,836.

To all whom it may concern:

Be it known that I, DUNCAN ST. CLAIR MACGREGOR, a subject of His Majesty the King of Great Britain and Ireland, residing at Invercargill, in the provincial district of Southland, in the Colony of New Zealand, have invented certain new and useful Improvements in Means for Raising and Lowering Curtain-Poles, of which the following is a specification.

This invention relates to means employed for raising and lowering poles carrying the curtains of windows and the like.

According hereto I employ a headboard, which overhangs the top architrave and which for the purpose of securing it in position may have a right-angle bracket-board.

By manipulating the raising and lowering cords 7 and 10 the pole may be raised out of the brackets, and then by manipulating the third or guide cord 13 the pole may be drawn to a position in front of the brackets, so that when the pole is lowered into any desired position for the purpose of removing and replacing curtains or the like which may be carried upon the pole the said pole will not come into contact with the brackets.

A third or guide cord leads over guide-pulleys and is connected at its end to near the middle of the pole. The position of this cord is such that when it is pulled it tends to draw the pole away from the brackets referred to.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a front elevation, and Fig. 2 an enlarged sectional part side elevation.

A headboard in two parts 1 and 2 is secured above the window by screws or other usual means.

The brackets 4 and 5, which are of usual construction and designed to carry the pole 6, are screwed to the part 2 of the headboard.

The cord 7 is led over guide-sheaves 8 and 9, revolubly mounted in holes cut in the headboard and is secured to the pole in any convenient manner.

The cord 10 is led over the guide-sheave 11, revolubly mounted in a hole 12 in the headboard, and its end is also secured to the pole.

The third cord 13 is led over the guide-sheaves 14 and 15, which are respectively mounted in holes 16 and 17 in the headboard, and its end is secured to approximately the middle of the pole.

By manipulating the raising and lowering cords 7 and 10, respectively, and the third or guide cord 13 the pole may be raised into the brackets and lifted out therefrom and lowered into any desired position for the purpose of removing and replacing curtains or the like which may be carried upon said pole.

What I claim, and desire to secure by Letters Patent of the United States, is—

For the purpose indicated, in combination, a curtain-pole, a headboard, brackets in which said pole is supported below the headboard, cords connected to each end of said pole and passing over revolubly-mounted pulleys one upon each side of the window in connection with which said pole is employed, a third or guide cord passing over a pulley near one side of the window and over another pulley at the middle of the headboard and forwardly of the pole, one end of which guide-cord is secured near the middle of said pole, substantially as specified and illustrated.

In testimony whereof I have signed my name to this specification in the presence of two witnesses.

DUNCAN ST. CLAIR MACGREGOR.

Witnesses:

FRANCIS ARTHUR JOYNT,
JOHN FREDERICK LILLCRAP.