

No. 747,407.

PATENTED DEC. 22, 1903.

F. A. FRENZEL.
ADJUSTABLE CURTAIN FOR WINDOWS.

APPLICATION FILED APR. 4, 1903.

NO MODEL.

Fig. 1.

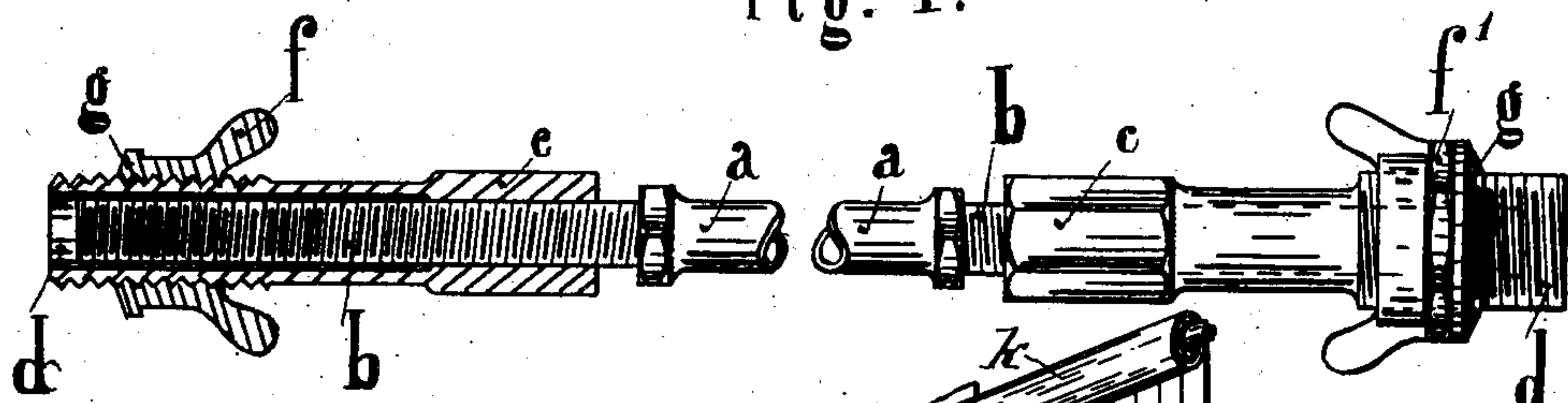


Fig. 2.

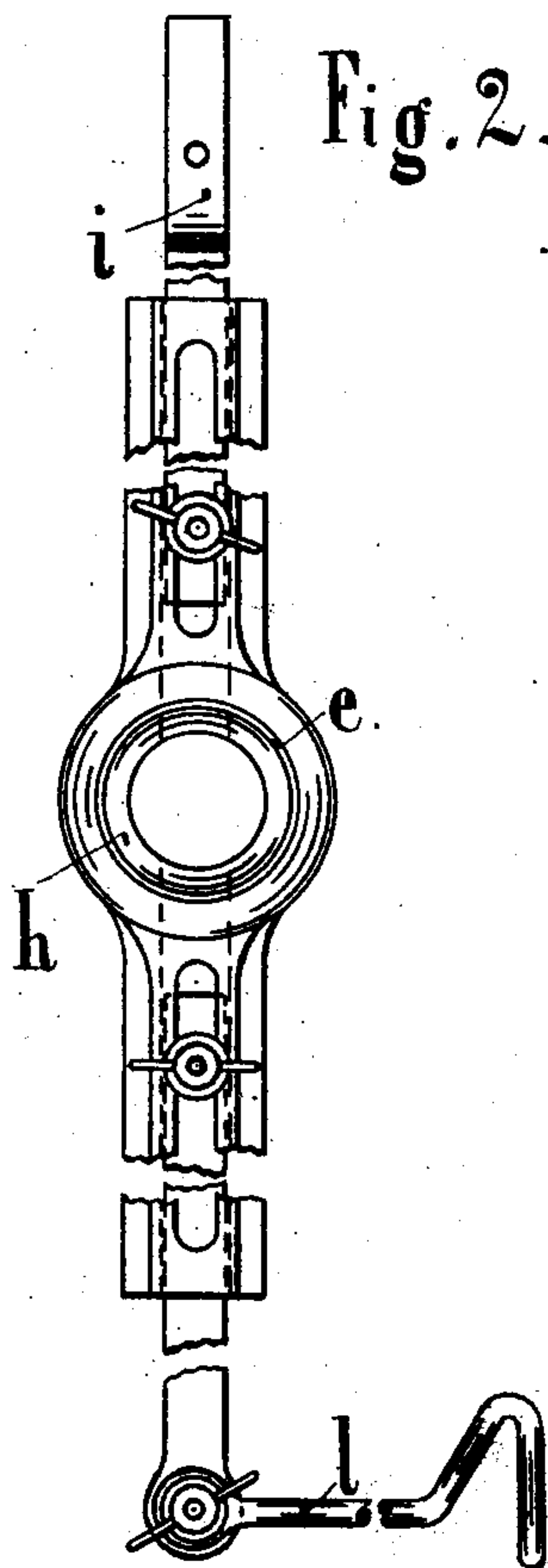
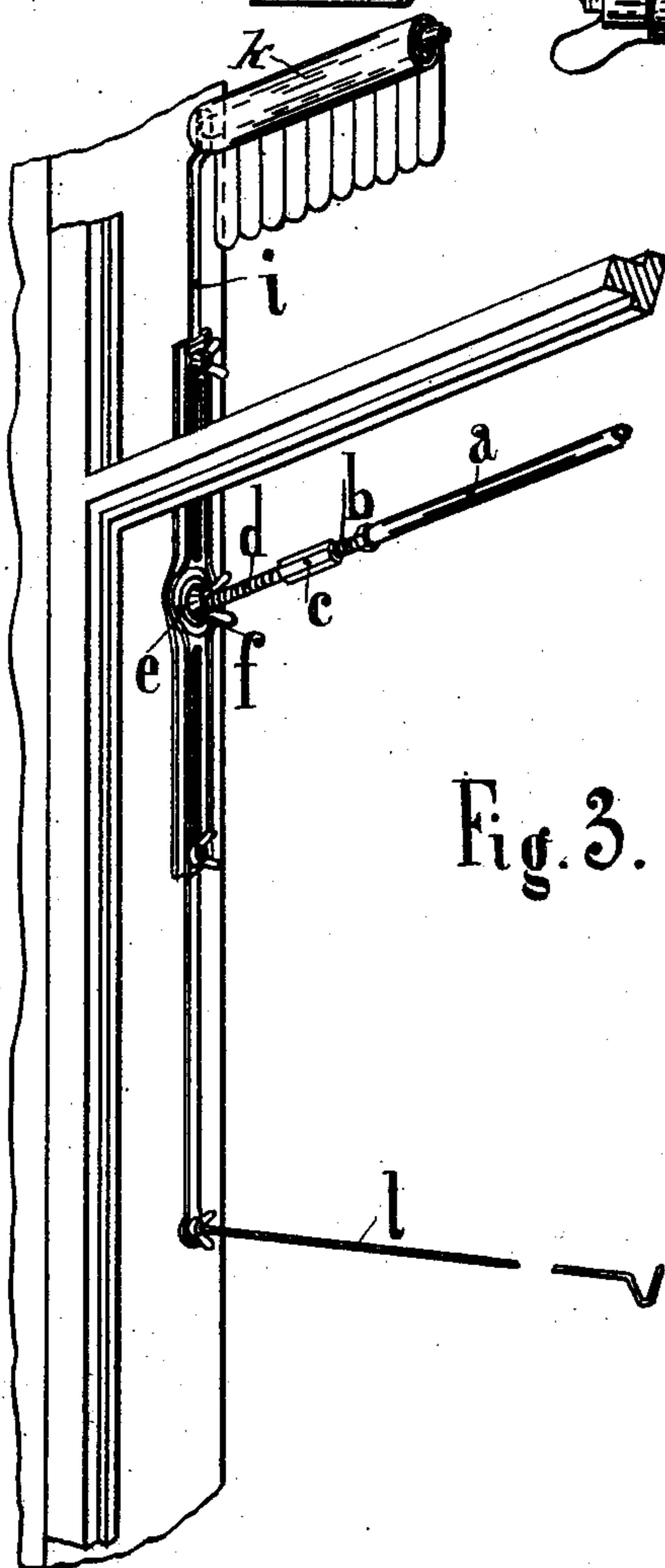


Fig. 3.



Witnesses

Max Mayer.

Arthur Walther.

Inventor:
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UNITED STATES PATENT OFFICE.

FRANZ ARTHUR FRENZEL, OF CHEMNITZ, GERMANY.

ADJUSTABLE CURTAIN FOR WINDOWS.

SPECIFICATION forming part of Letters Patent No. 747,407, dated December 22, 1903.

Application filed April 4, 1903. Serial No. 151,168. (No model.)

To all whom it may concern:

Be it known that I, FRANZ ARTHUR FRENZEL, iron-turner, a subject of the King of Saxony, residing at No. 38 Schillerstrasse, Chemnitz, in the Kingdom of Saxony, German Empire, have invented new and useful Improvements in Adjustable Curtains for Windows, of which the following is a full and clear description.

10 This invention relates to improvements in curtains for windows; and the object of my improvement is to render the curtain adjustable, so that it can be fitted into a window-case of any size without making any holes
15 into the brickwork or stones and afterward transferred to another window-case of different size when removing from a dwelling to another one.

20 The adjustable curtain is illustrated in the accompanying drawings, in which—

Figure 1 shows a central rod on the left-hand side in longitudinal section and on the right-hand side in elevation, the middle part being omitted for want of space. Fig. 2 is a
25 long view of the one side part of the curtain-frame, the upper and the lower rods being shown broken for want of space; and Fig. 3 is a perspective view of a part of the curtain and window-frame on a reduced scale, it
30 being stated that the part omitted on the right-hand side is similarly shaped or constructed.

A metal tube *a* is provided on both ends with screw-threads *b*, of which the one is a
35 right-handed and the other a left-handed one. On either screw-thread *b* a long nut *c* is fitted, which is also provided with an external screw-thread *d*. On the latter a short winged nut *f* or *f'* is fitted, which is provided with a
40 spherical surface *g* for bearing against the spherical recess *h* of the side part of the frame. On screwing home the two nuts *f* the two side parts of the frame will be pressed against the walls of the window-case. The upper rod *i*
45 for supporting the rod *k*, on which the linen is wound, Fig. 3, as well as the stud *l* for holding the lower edge of the curtain at a certain distance from the window, are equally

made adjustable, so that the whole can be adjusted to the varying size of the window-case. 50
For applying the curtain to a certain window-case the rod *a* is first so adjusted in its length as to be a little shorter than the width of the window-case. Then the two side parts of the frame are placed on the walls of the window- 55
case on the external side before the window, and the rod *a* is introduced between the two side parts, after which the two nuts *d d* are screwed home to secure the frame. Thereupon the upper rods *i* and the lower rods are 60
adjusted and secured by screwing home the two nuts *f* and *f'*.

Having now described my invention, that which I wish to secure by Letters Patent of the United States is—

65 The combination with two vertical side parts for placing on the walls of a window-case, said side parts being each provided in the center with a hole and a spherical recess surrounding same and formed on the upper 70
and lower sides as guides, of a horizontal rod having on both ends long screw-threads, two long nuts adapted to said screw-threads of said horizontal rod for entering said central holes of said two vertical side parts and being 75
provided with external screw-threads, two winged nuts adapted to said external screw-threads of said long nuts and provided with spherical surfaces for bearing against said spherical recesses of said side parts, two ver- 80
tical lower rods sliding and being adjustable in the lower guides of said side parts, two studs linked to said lower vertical rods for holding the lower end of a curtain, two ver- 85
tical upper rods sliding and being adjustable in the upper guides of said side parts, and a roll mounted to turn in the upper ends of said upper vertical rods for winding on and unwinding the curtain, substantially as set forth. 90

In witness whereof I have hereunto set my hand in presence of two witnesses.

FRANZ ARTHUR FRENZEL.

Witnesses:

C. C. MEYER,

FREDERICK J. DIETZMAN.