W. P. FERGUSON.

Canopies for Carriages.

No. 148,555. Patented March 17, 1874.

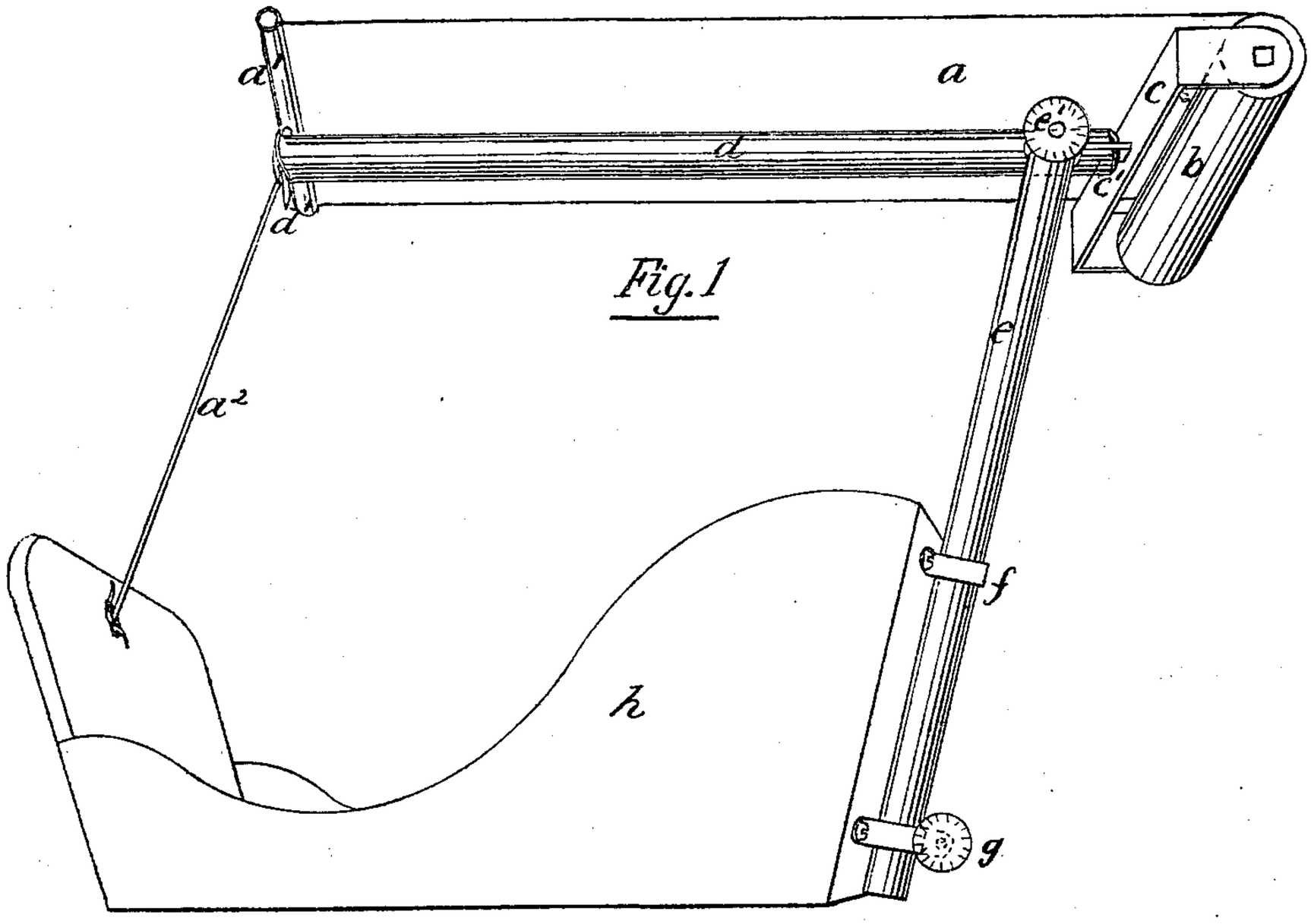

Fig. 1

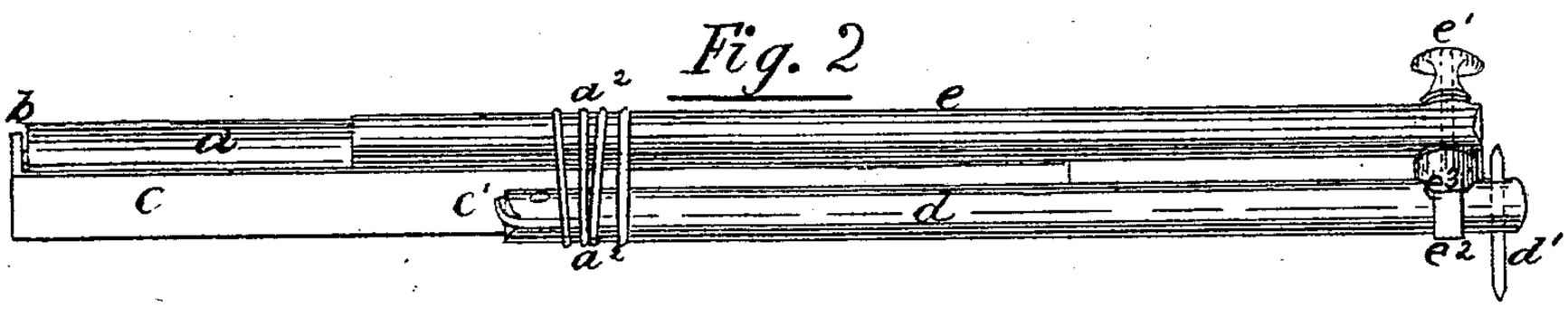

Fig. 2

1 2 FEET

Scale.

Witnesses.
Alfred Hecht Wick
S. Connor

Wm P. Ferguson
Inventor.

UNITED STATES PATENT OFFICE.

WILLIAM P. FERGUSON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN CANOPIES FOR CARRIAGES.

Specification forming part of Letters-Patent No. **148,555**, dated March 17, 1874; application filed October 30, 1873.

To all whom it may concern:

Be it known that I, WILLIAM P. FERGUSON, of Brooklyn, in the county of Kings and State of New York, have invented an Adjustable Canopy for Carriages, of which the following is a specification:

The object of my invention is to make a canopy or awning which shall be adjustable in all ways and occupy very little space when folded for transportation, &c., at the same time being readily opened and put into position.

This I accomplish by a spring-roller and curtain or shade pivoted centrally at the end of a rod, said rod being secured in such a manner at the end of a vertical rod that it may be clamped thereto and held firmly at any angle and at any part of its length by a thumb-screw; and it may be folded up so that all the parts lie close together without disconnecting any of the joints.

But, to describe my invention more particularly, I will refer to the accompanying drawings forming part of this specification.

Figure 1 is a perspective view, showing the under side of the curtain or shade when opened; and Fig. 2 represents the canopy as folded for transportation, &c.

h represents the body of the carriage, to the back of which are fastened the eye or ring *f* and clamping-ring *g*. Through the rings *f* and *g* is passed the vertical rod *e*, the upper end of which is provided with a joint, consisting of a screw, with a ring, e^2, formed at one end of it, and a binding-plate, e^3. The rod *d* passes through the ring e^2, and one side of the binding-plate e^3 is made to conform to the shape of the rod *d*. The thumb-nut e^1 secures the rod *d* at any angle it may be placed to the rod *e*. One end of the rod *d* is pivoted to the center of the frame *c*, in which revolves the spring-roller *b*. The curtain or shade *a* is fastened to the roller *b*, and the other end of it is sewed around the rod a^1 provided with a hole in the center of it lengthwise, through which the pin d', fixed in the rod *d*, passes, so as to hold the curtain or shade *a* open against the action of the spring in the roller *b*, which would tend to roll the curtain up. The string a^2 is tied to the rod a^1, and is passed back and forth over the pin d', to more securely hold the rod a^1 on the pin d'. From thence it is carried down and secured to the dash-board.

The rods a^1, *d*, and *e* may be made of wood or metal tubing.

I claim—

The spring-roller *b* and shade *a*, in combination with the adjustable rods *d* and *e*, all constructed to operate substantially as hereinbefore set forth.

Witnesses: WM. P. FERGUSON.
ALFRED SHEDLOCK,
S. CONNOR.