

(No Model.)

A. REED.

CHANDELIER HOLDING ATTACHMENT.

No. 271,739.

Patented Feb. 6, 1883.

Fig. 5.



Fig. 4.

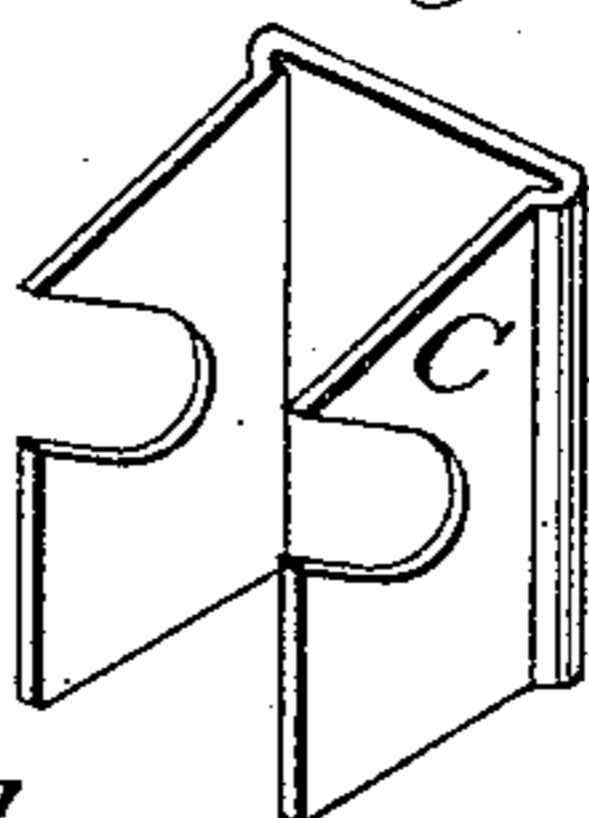


Fig. 6.

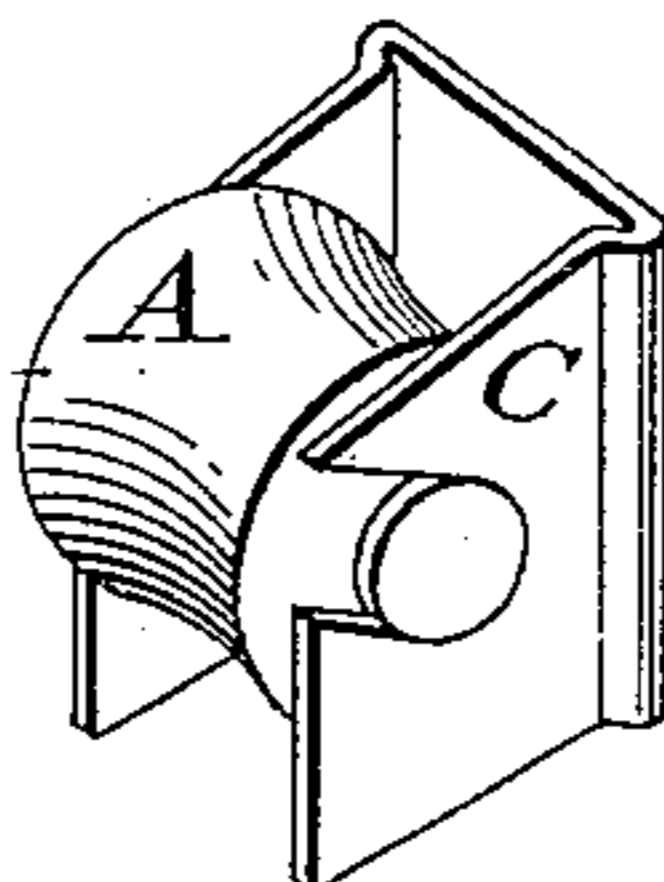


Fig. 7.

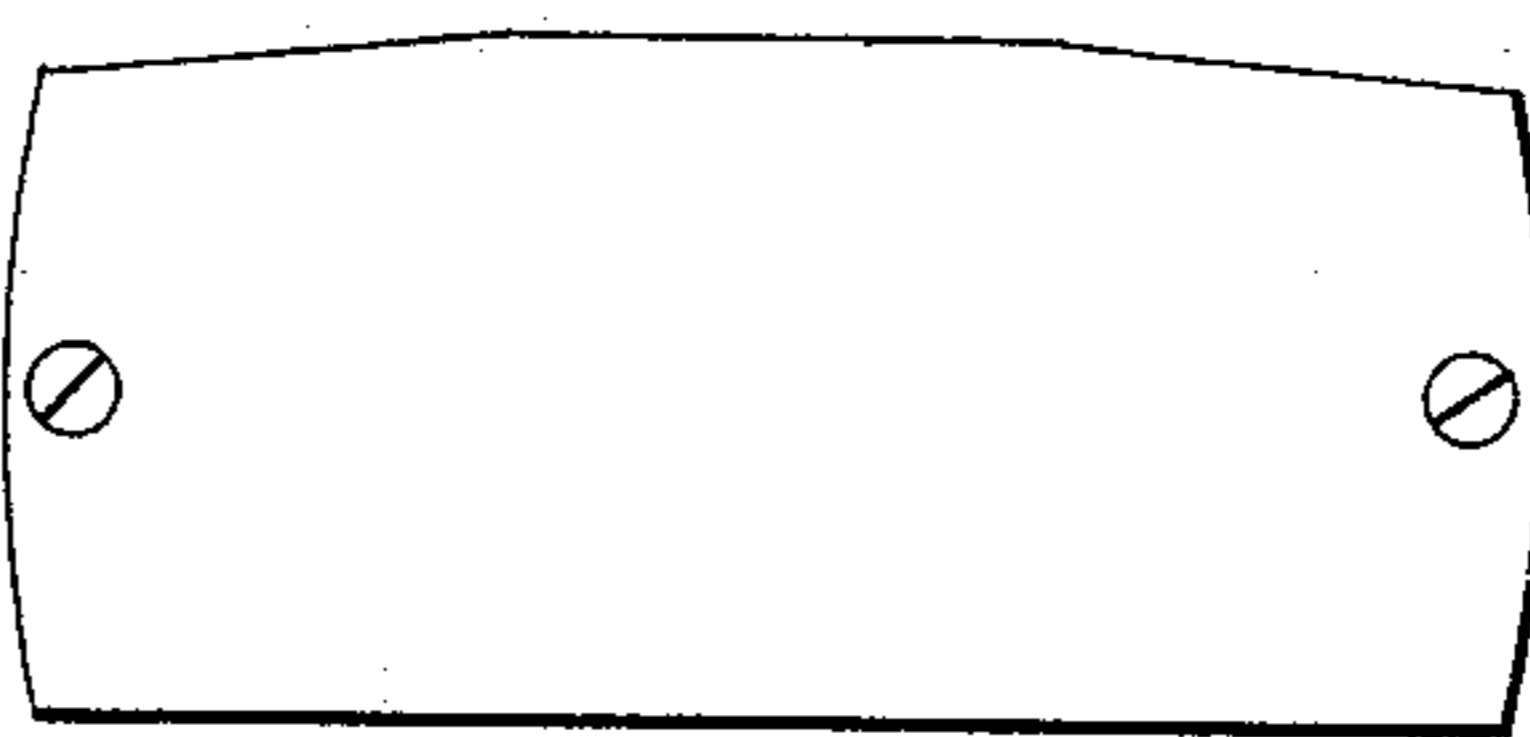


Fig. 1.

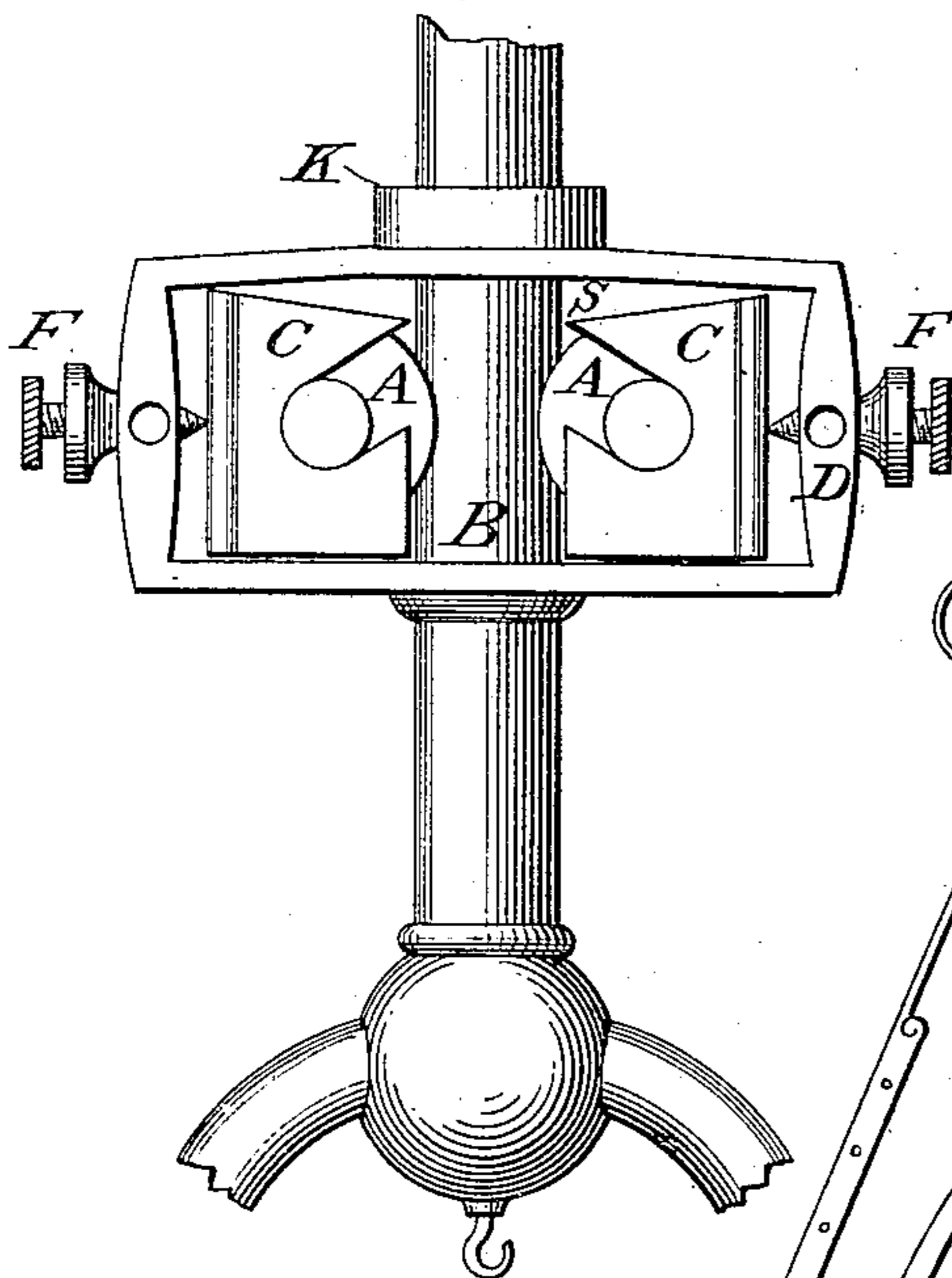
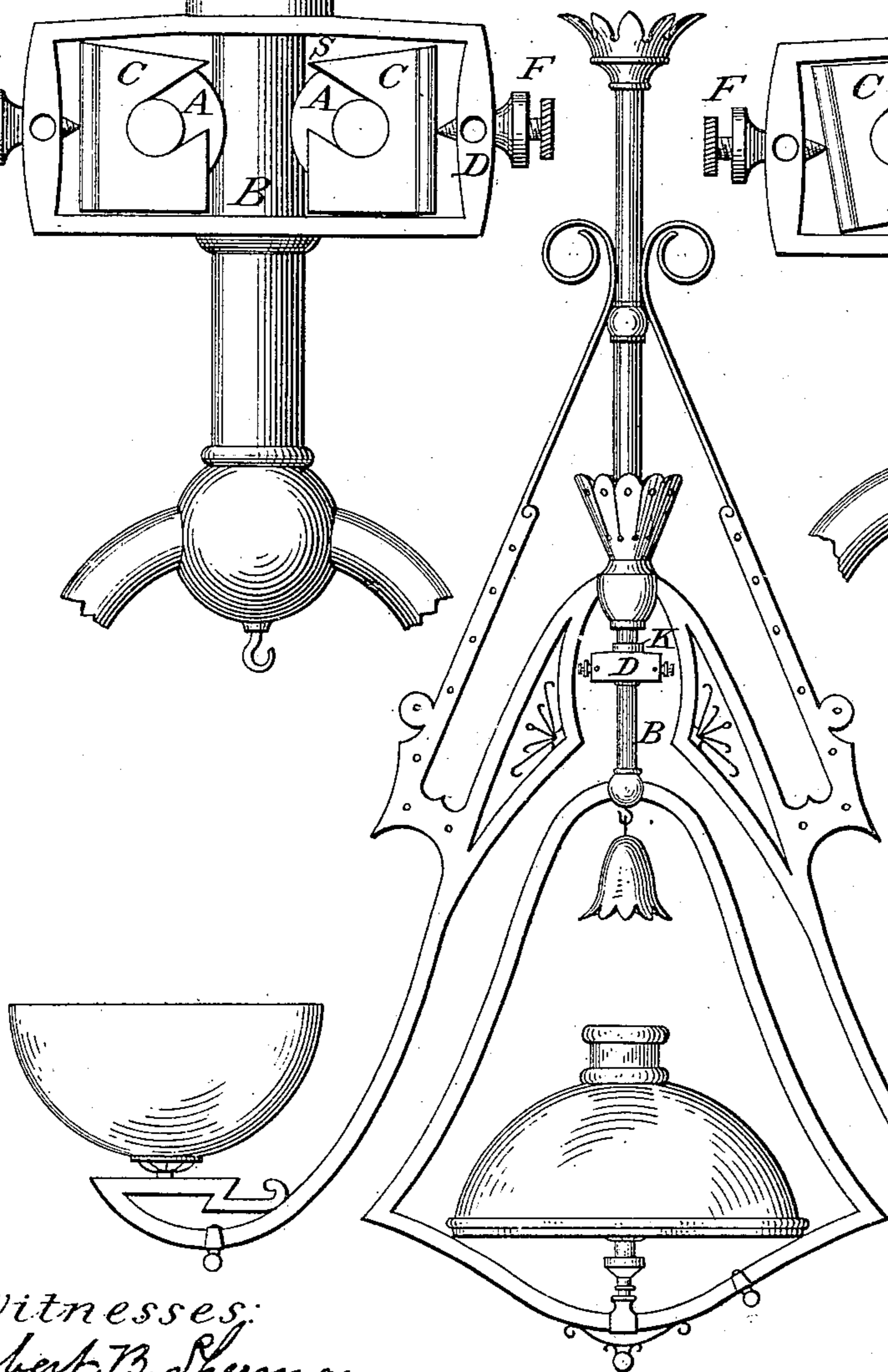
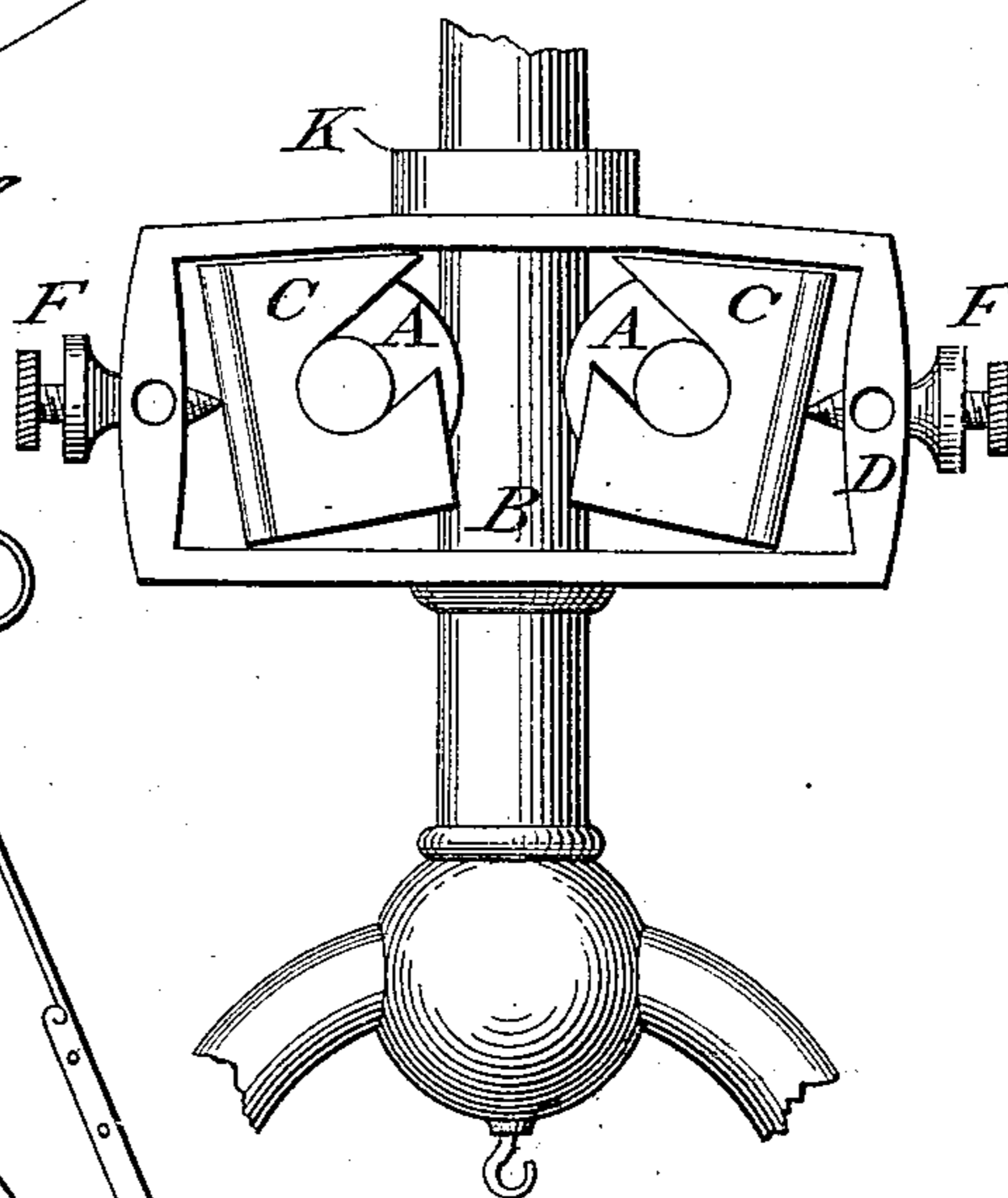


Fig. 2.



Witnesses:
Robert B. Sherman
Arthur C. Reed

Fig. 3.

Inventor:
Arthur Reed

UNITED STATES PATENT OFFICE.

ARTHUR REED, OF BROOKLYN, NEW YORK.

CHANDELIER-HOLDING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 271,739, dated February 6, 1883.

Application filed August 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR REED, a citizen of the United States, residing at 77 Melrose street, Brooklyn, E. D., in the county of Kings, State of New York, have invented a new and useful Chandelier-Holding Attachment, of which the following is a specification.

My invention relates to the raising and lowering of the center light of chandeliers, or raising and lowering of chandeliers lighted by electricity, gas, or oil.

The object of my invention is to provide a durable holding attachment free from the inconvenience of cords, involute springs, or ratchets. Holding attachments have been made with wedges packed with leather or other unenduring material. I attain the object by the mechanism illustrated in the accompanying drawings, in which—

Figure 3 shows a chandelier with the attachment holding center light. Fig. 1 is a front view of the holding attachment as it appears with its cover removed and holding tube B, with its weight. Fig. 2 is a front view of the holding attachment as it appears when the cover is removed and the light is being pushed up. Figs. 4, 5, and 6 are detail views.

D, Fig. 1, is a metal frame, threaded inside at K for attaching to chandeliers, as in Fig. 3.

F F are set-screws provided with lock-nuts to hold screws to their adjustment.

C, Fig. 4, is a metal frame having recesses in the sides to receive wheel A on its pins, as in Fig. 6. Frame C is slanted on the top, and fits into frame D, as in Fig. 1. The slanted top is to form a space at S, Fig. 1, to allow of a curvilinear movement of the wheel and frame C, allowing the tube B to slide upward

without resistance, as shown in Fig. 2. The space for allowing movement may be obtained by slanting top of frame D or by slanting C and D a little.

A, Fig. 5, is a metal wheel. A large pin is firmly attached to center of wheel to fit into frame C. The rim of the wheel is grooved to correspond to the form of tube B, which may be either round, square, or hexagonal. The object of this construction is to obtain sufficient friction on the pins to hold the tube B, with its light, when the set-screws F F are adjusted as in Fig. 1.

The parts are inclosed on both sides of frame D with a metal cover, Fig. 7, attached with screws.

I am aware that devices for attachment to chandeliers for raising and lowering of light have been made before my invention. Therefore I do not claim such invention, broadly; but

What I do claim, and desire Letters Patent for, is—

1. The combination, in a holding attachment, of an outer frame, D, with two smaller frames, C, having recesses in the sides to receive wheel A on its pins, adjusting-screws F, with lock-nuts, and a space at S between frames C and D to allow of a curvilinear movement, substantially as described.

2. The combination of the frames C and D, constructed substantially as set forth, with the grooved wheels having large pins fitting into frames C, as and for the purpose specified.

ARTHUR REED.

Witnesses:

DAVID TEESE,
KARL BAUER.