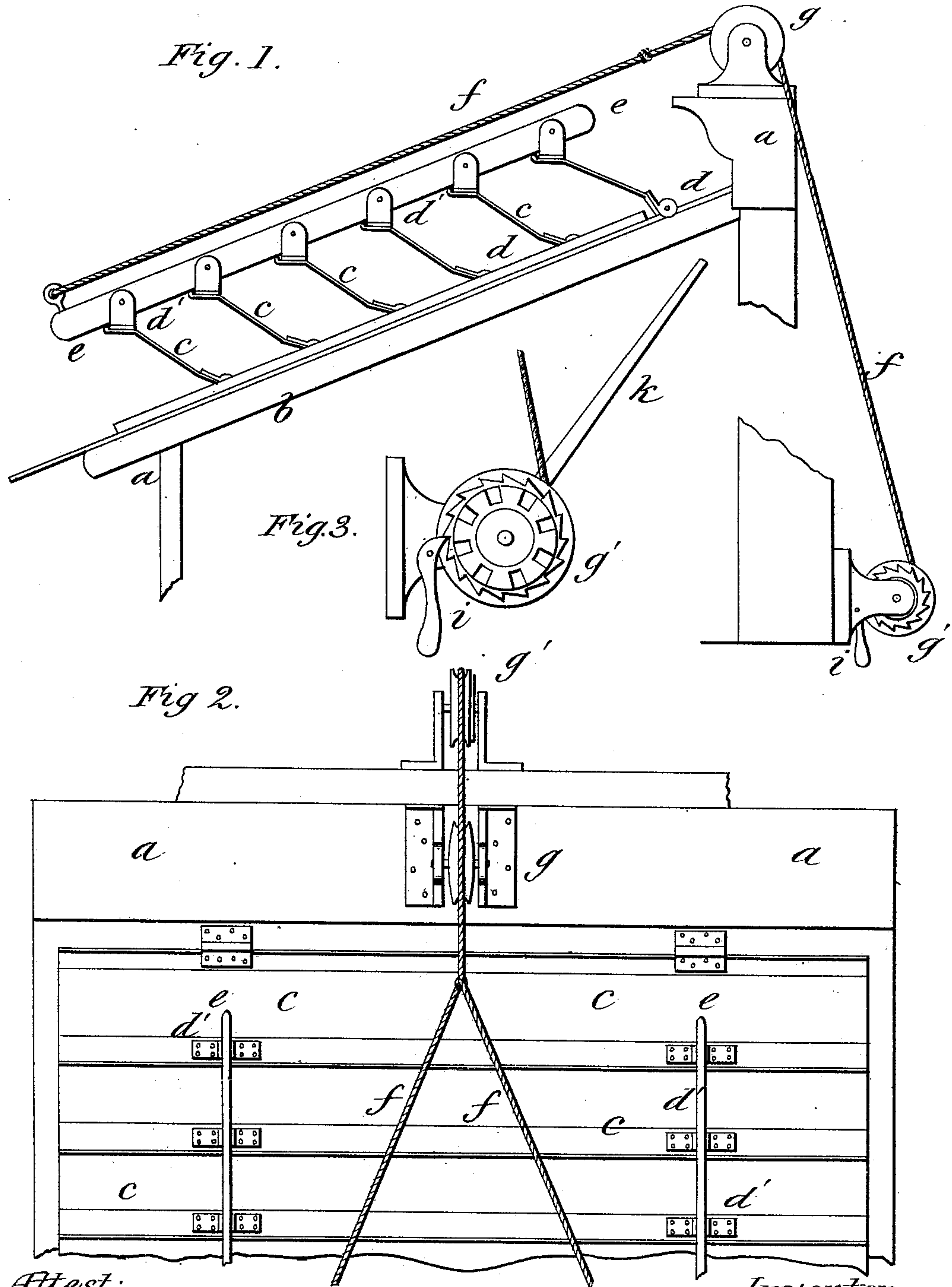


E. O. POHL.
Metallic Awning.

No. 208,692.

Patented Oct. 8, 1878.



Attest;

H. Pohl
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Inventor.

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UNITED STATES PATENT OFFICE.

ERNST OTTO POHL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN METALLIC AWNINGS.

Specification forming part of Letters Patent No. **208,692**, dated October 8, 1878; application filed September 8, 1877.

To all whom it may concern:

Be it known that I, ERNST OTTO POHL, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Metallic Awnings or Coverings, of which the following is a specification:

The object of my invention is to provide an adjustable awning or covering of simple construction for protection from sunlight, rain, hail, and snow, without interfering with the admission of light and air, as required, and so arranged that it can easily be operated from within a building or any other convenient place.

In the accompanying drawings, Figure 1 is a side view of an adjustable awning when opened. Fig. 2 is a top view of the same when closed; Fig. 3, a detached view of the ratchet and pulley on an enlarged scale.

a is a frame of an awning of ordinary construction.

Metallic strips or metallic frames with heavy glass inserted, *c c*, are fastened to the rafters *b* by means of hinges *d d*, in such a manner that one overlaps the other when closed. The metallic strips or frames *c c* are also con-

nected to rigid bars *e e* by means of hinges *d' d'*, and said rigid bars *e e* receive a rectilinear movement by ropes or chains *f f*, attached thereto and to the ratchet-pulley *g'*.

The operation is as follows: The lever *k*, which can be readily detached, is for the purpose of rotating the pulley *g'*, to which a ratchet-wheel is attached. The pawl *i* secures the latter, and by this the adjustable strips *c c*, in any desired position.

Whenever the awning is to be closed sufficient pressure is exerted upon the lever *k* to lift the weighted end of the pawl *i*, thereby releasing its hold on the ratchet-pulley *g'*, and the metallic strips or frames *c c* will close by gravitation.

I hereby claim—

The awning herein described, consisting of the frame *a*, rafters *b*, hinged plates *c*, bars *e*, and ropes or chains *f*, pulleys *g g'*, pawl *i*, ratchet-wheel, and lever *k*, all substantially as shown, and for the purpose specified.

E. OTTO POHL.

Witnesses:

I. POHL,
JOHN WELSH.