

(No Model.)

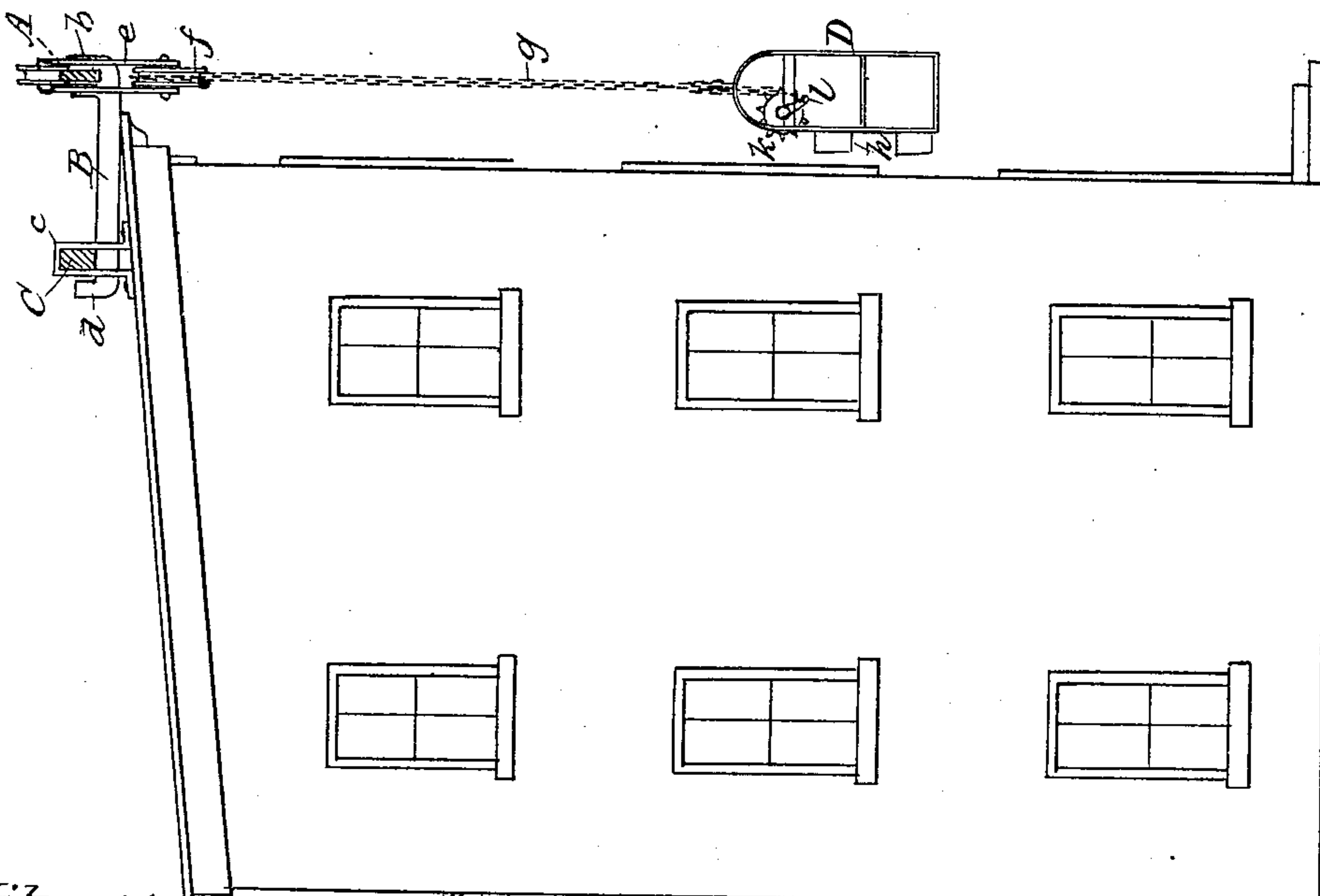
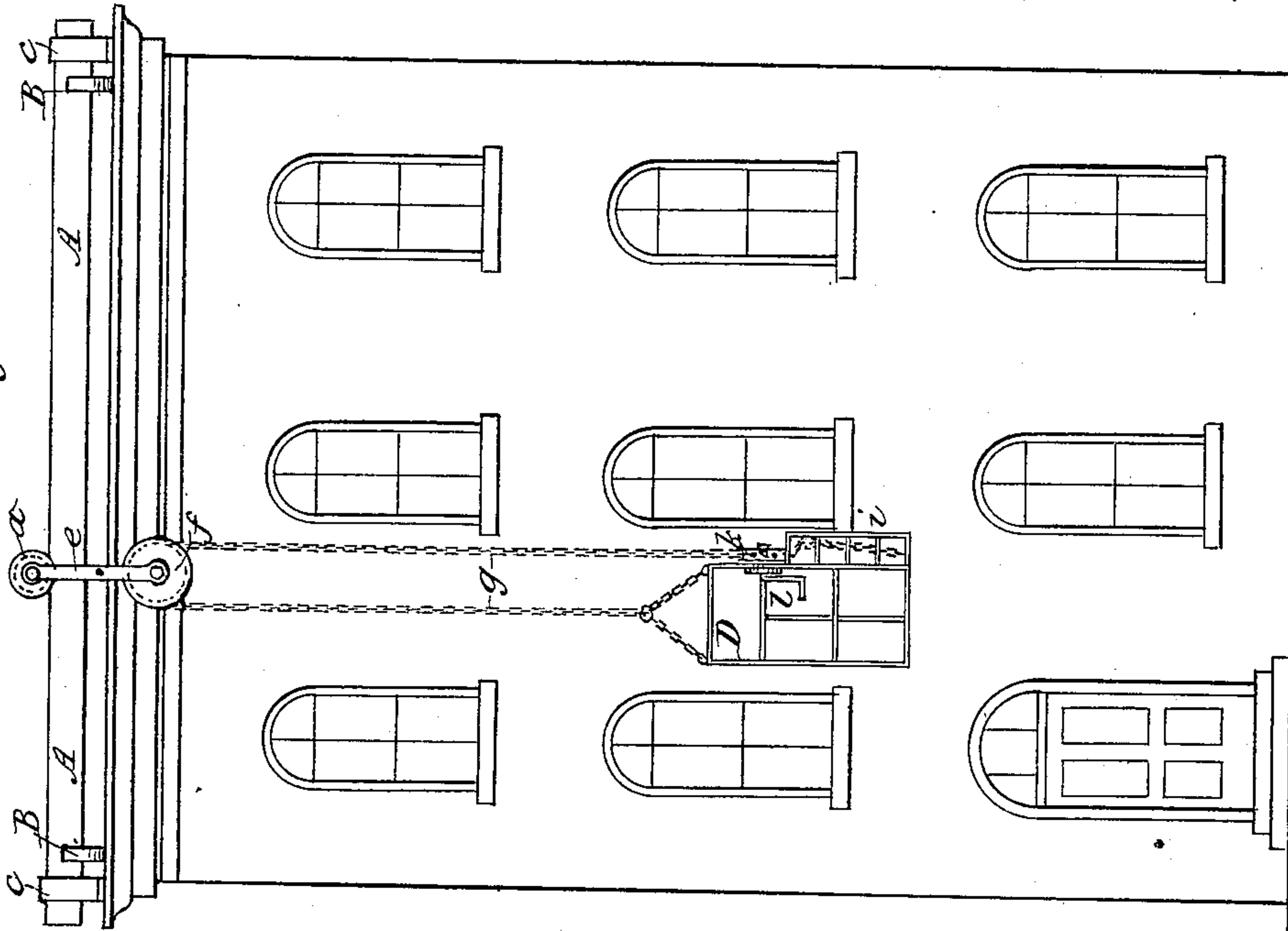
S. SPITZER.

CARRIER OR ELEVATOR FOR PAINTERS, &c.

No. 329,497.

Patented Nov. 3, 1885.

Fig. 1.



Witnesses:

Wm. Beyer
J. C. Drecht

Inventor:

Sigmund Spitzer,
By J. C. Drecht,
Attorney.

UNITED STATES PATENT OFFICE.

SIGMUND SPITZER, OF VIENNA, AUSTRIA-HUNGARY.

CARRIER OR ELEVATOR FOR PAINTERS, &c.

SPECIFICATION forming part of Letters Patent No. 329,497, dated November 3, 1885.

Application filed July 25, 1885. Serial No. 172,641. (No model.)

To all whom it may concern:

Be it known that I, SIGMUND SPITZER, a subject of the Emperor of Austria-Hungary, residing at Vienna, in the Empire of Austria-Hungary, have invented certain new and useful Improvements in Carriers or Elevators for Painters, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in carriers or elevators for painters and others requiring a continual change of position during their work; and the object is to produce an adjustable apparatus for house-painters and others, which can be manipulated by the operator himself either in an up and downward direction or sidewise, and to prevent the many accidents occurring constantly to painters, &c.; also, to furnish a very convenient device for the occupant as well as his implements, and one that he can regulate at his will.

The invention consists in the construction of certain details and arrangement of parts, as will be more fully described hereinafter, and more specifically pointed out in the claims, reference being had to the accompanying drawings, and the letters of reference marked thereon.

Like letters indicate similar parts in the different figures of the drawings, in which—

Figure 1 represents a front elevation of a house with my apparatus in position. Fig. 2 is a side elevation of the same.

In said drawings, A represents a strong iron bar, rail, or girder arranged parallel with the front of the house or other building. This bar is supported and held in position by transverse bars B, having forked ends *b* to hold it, and the bars B are supported by another longitudinal bar, C, secured either permanently or temporarily by brackets or clamps *c* to the roof, and said bars B are provided with hooked ends *d* to hold them in position. The upper face of the bar A is rounded, and upon it a sheave or grooved pulley, *a*, is carried, and carries a yoke or double strap, *e*, having eyes below, in which a sheave, *f*, is journaled. Over this sheave a chain, *g*, passes supporting a cage, D, formed of light strap-iron, and af-

fording a seat for the workman. This cage is provided with small holders *h*, in which paint-pots, paint-brushes, &c., can be carried, and at one side is arranged an auxiliary cage, *i*, into which the chain *g* folds or is let out as the cage is raised or lowered. On one side of the cage is placed a sprocket-wheel, *k*, that engages with the links of the chain, and is keyed to a short shaft, *l*, provided with a crank-handle, with which the occupant raises and lowers himself as desired. A pawl and ratchet may be arranged on the inner side of the cage to hold it in the desired position. Any other suitable brake may, however, be used, if desired, to prevent any liability of accidents.

It will be readily understood by those skilled in the art that this apparatus possesses many advantages over the scaffolds, suspended ladders, or similar devices now in use; that there is no possibility of an accident, as often now occurs when one end of the ladder-supporting rope as ordinarily employed breaks or becomes unmanageable; it can be easily and quickly applied to old as well as new buildings; the operator can conveniently carry all his paints, brushes, &c., in his cage with him; he can very easily move himself about from one position to another about the house; he can work more conveniently in a sitting position than when standing, and the apparatus is more convenient for transportation and much lighter than those now employed.

The cage may, if desired, be made of wire netting of sufficient strength to sustain the weight.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The carrier for painters, &c., consisting of a cage having a receptacle for the folding chain, and provided with a sprocket-wheel and crank-axle, in combination with the roller-hanger and the rail, all substantially as specified.

2. The rail A, supported as described, and the roller-hanger *a e f*, from which the cage D is suspended, said cage being capable of lateral and vertical adjustment, and arranged for operation substantially as shown and set forth.

3. The combination of a rail, A, supported by bars B and cross-bar C, and carrying the

roller-hanger *a e f*, with the chain *g*, supporting the cage D, having the compartments and gearing for manipulating it, in the manner shown and for the purpose specified.

- 5 4. The combination of a cage, D, having compartments and the operating mechanism herein described, with a rail for a roller-hanger, from which said cage is suspended and operated in the manner substantially as set forth.

In testimony whereof I affix my signature in the presence of two witnesses.

SIGMUND SPITZER.

Witnesses:

T. C. BRECHT,
LOUIS BEYER.