

No. 754,855.

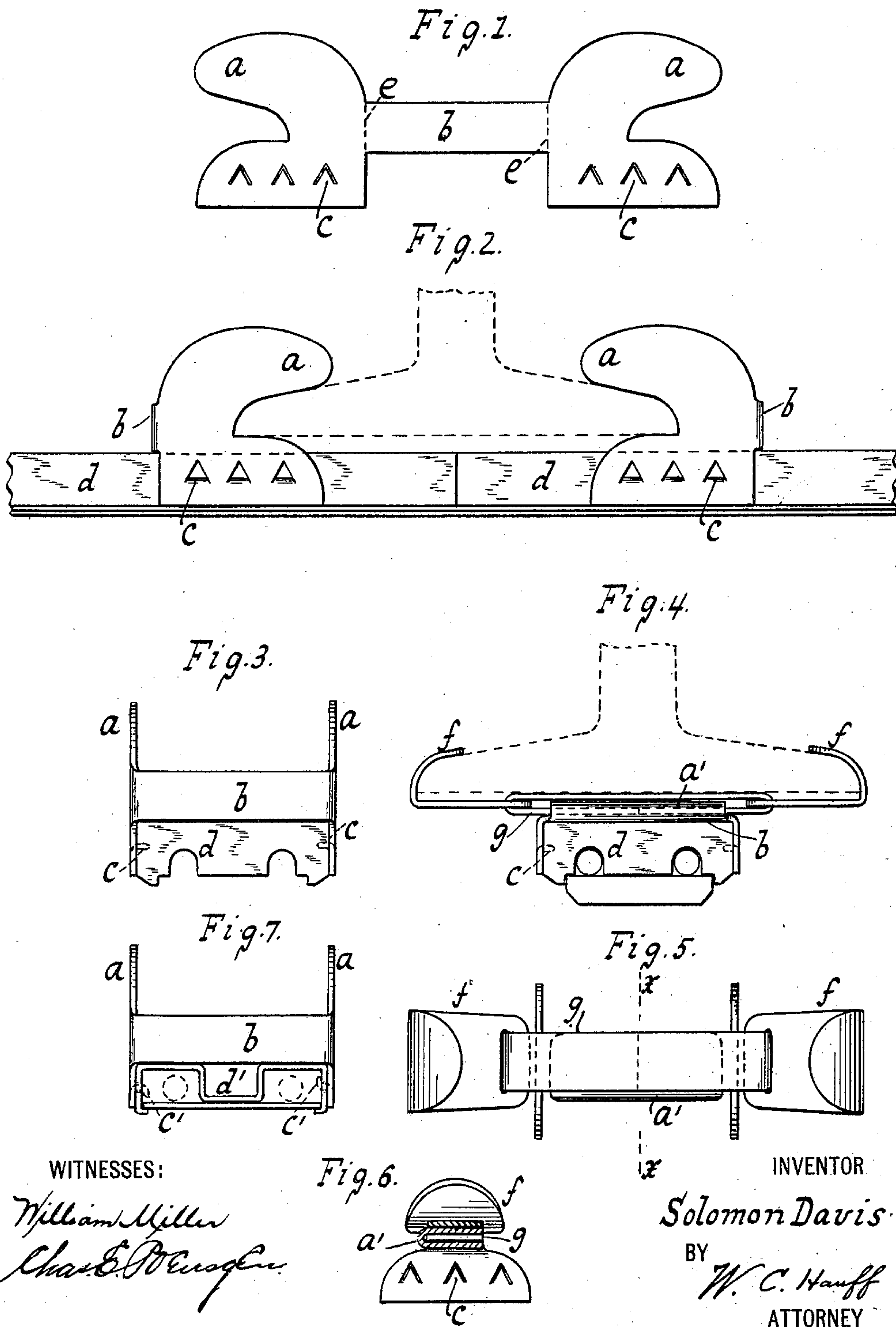
PATENTED MAR. 15, 1904.

S. DAVIS.

SECURING STRIPS OF WOOD, &c., TO IRON BEAMS.

APPLICATION FILED OCT. 28, 1903.

NO MODEL.



UNITED STATES PATENT OFFICE.

SOLOMON DAVIS, OF NEW YORK, N. Y.

SECURING STRIPS OF WOOD, &c., TO IRON BEAMS.

SPECIFICATION forming part of Letters Patent No. 754,855, dated March 15, 1904.

Application filed October 28, 1903. Serial No. 178,915. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON DAVIS, a citizen of the United States, residing in Manhattan borough, New York city, county and State of New York, have invented new and useful Improvements in Securing Strips of Wood and other Material to Iron Beams, of which the following is a specification.

This invention relates to that class of metal hangers used in securing strips of wood to iron beams of ceilings.

The object of my invention is to facilitate the support of wooden strips without the use of screws or nails. This I accomplish by passing the two hooks over the lower flange of the beam, passing the strip between the continuation of the two hooks, and driving the hooks together, when the projections on the inside of the hooks enter and hold securely the wood strips.

This invention is set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 shows a hanger before being bent into shape. Fig. 2 shows a manner of use. Fig. 3 is an end view of Fig. 2. Fig. 4 shows another application of the invention to use. Fig. 5 shows a plan view of Fig. 4. Fig. 6 shows a section along *x x*, Fig. 5. Fig. 7 shows a further application of the invention.

The blank or piece of sheet metal consists of a pair of hooks *a a*, joined by a cross-bar *b* and having prongs *c c*. The blank is fastened to a strip of molding *d* by bending the hooks along the lines *e e* to point at right angles to the cross-bar *b*. The blank is then securely fastened to the said molding by the prongs *c c*. The molding can be easily hung or held suspended over the flange of a girder by the hooks *a a*, thereby supporting the molding and providing a simple and efficient method of attaching the molding to the girder or iron beam. The prongs *c*, engaging the strip or molding, and the hooks *a* being in pairs or suitably spaced or separated, a firm connection and steady support are secured. The cross-piece *b* sits across the top of the strip, and the attaching portions or prongs *c* engage the sides, so as to be clear of or leave the under face of the strip exposed, thus

avoiding any obstruction to the introduction of the wires into the grooves or seats in the strip if said strips are used for electric conductors. A capping-piece can be applied to the under face of the strip when the wires are in place, as seen in Fig. 4.

The molding or strip can be of wood or other material. A metallic molding *d'*, as shown in Fig. 7, and the attaching portions can be crimped or made to engage the molding at *e'*. A capping-piece or tin strip can be snapped or sprung into the under or open part of the mold when the wires are in place.

In Fig. 2 the strip *d* runs transverse to the beam.

In Fig. 4 the strip and beam lie parallel to one another. Hooks *f*, engaging the beam, support a cross strap or carrier *g*, by which hook part *a'* of the hanger or attaching portions *c* is supported.

What I claim as new, and desire to secure by Letters Patent, is—

1. A hanger comprising hook portions, attaching portions and a cross or joining strip uniting the two portions, said hook portions being made to face in the same direction and said attaching portions being open or spaced at their lower ends to expose the under face of the strip or article engaged thereby.

2. A hanger formed of one piece of material and comprising hook and attaching portions with a cross or uniting strip intermediate the attaching portions, said hook portions being made to face in the same direction and said attaching portions being located at the extremities of the cross portion and depending below the same and spaced or open to expose the under face of a strip or article engaged thereby.

3. A hanger of sheet metal comprising a cross-piece with hook portions and attaching portions both being arranged in the same planes and at right angle to the cross-piece, said cross-piece adapted to sit across the top of a molding while the attaching portions engage the sides of a molding clear of the bottom or lower edge.

4. A hanger comprising hooks and attaching portions adapted to engage the sides of a molding, the hooks being made to face in the

same direction and spaced or separated to give a steady support.

5 A hanger comprising a hook portion adapted to be slipped on and off one edge of a beam or support, a cross portion, and attaching portions, said cross portion being located between the hook and attaching portions and said attaching portions being made to depend from the extremities of the cross portion, so
10 that the cross-piece can be seated on the top

of a molding while the attaching portions engage the sides thereof.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

SOLOMON DAVIS.

Witnesses:

W. C. HAUFF,

CHAS. E. POENSGEN.