

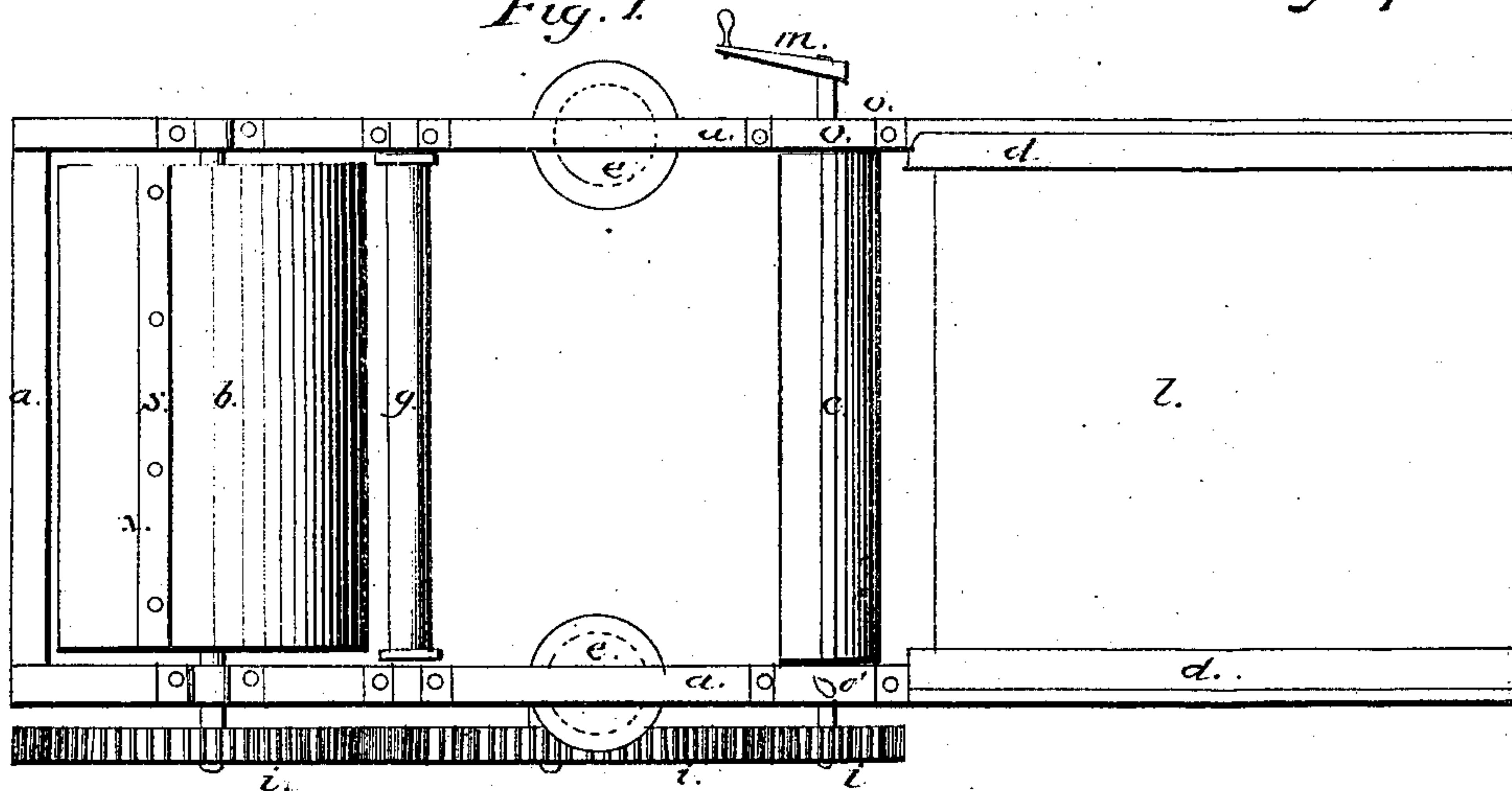
*J. Glover:*

*Metal Seaming-Mach.*

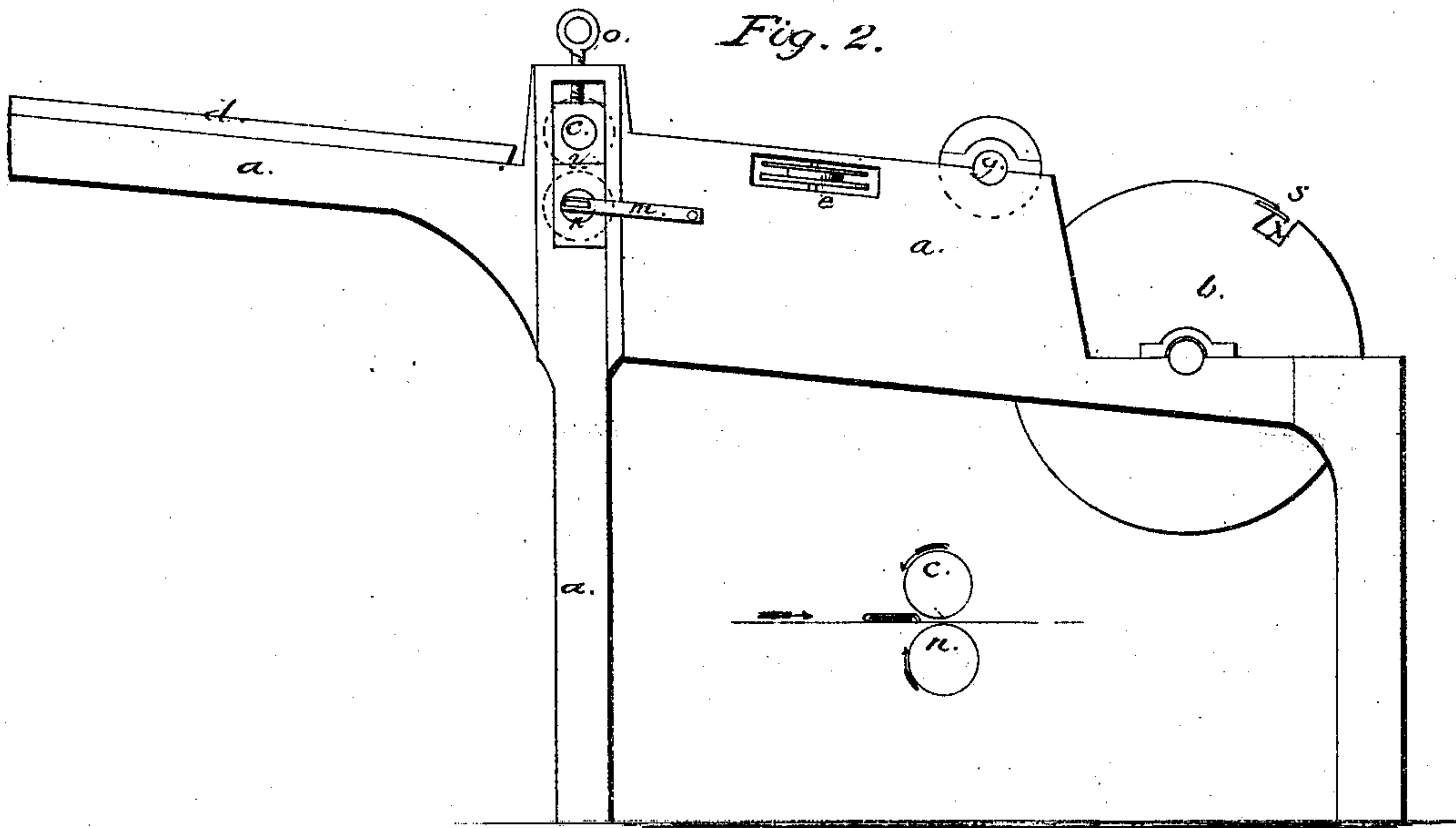
*Nº 93,706.*

*Patented Aug. 17. 1869.*

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

*Thos. H. Hutchins.*

*H. Lowe.*

*Inventor:*

*James Glover.*

# United States Patent Office.

JAMES GLOBER, OF OMAHA CITY, NEBRASKA.

Letters Patent No. 93,706, dated August 17, 1869.

## IMPROVEMENT IN MACHINE FOR PRESSING DOWN THE SEAMS IN SHEET-METAL.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, JAMES GLOBER, of Omaha City, Douglas county, State of Nebraska, have invented a new and useful Machine for Pressing or Mashing Down the Cross-Seams in Sheet-Metal; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plane view on the top;

Figure 2, a side elevation; and

Figure 3, a diagram, showing the united sheets of metal in the act of passing through between the rollers.

This machine is intended more particularly to press down the cross-seams, or uniting the edges of tin or sheet-metal for roofing, after they have been locked together, as shown in fig. 3, and is constructed and operates as follows:

*a* is the main frame, which may be constructed of wood or metal, bearing the metal cross-rollers *b g c*, and *n*, in suitable boxes.

*l* is a table, (with guides *d* on each side,) upon which the sheets of tin or sheet-metal are laid, and started between the roller *c* and *n*, being guided straight by the guides *d*, from thence between the two grooved rollers *e*, passing over the roller *g* to the roller *b*, which is constructed with a longitudinal groove, *x*, cut in its face, as shown in fig. 2, with a metal strip, *s*, covering

said groove nearly over on the side toward the metal sheet, as it comes over the roller *g*.

This groove is for the purpose of catching the edge of the sheet of metal so it will wind up on said roller into a long strip.

Motion is imparted to the rollers by means of the crank *m*, and the cog-wheels *i*, which connect the rollers *n* and *b*, as shown in fig. 1.

The roller *c* is furnished with movable boxes, *r*, and set-screws, *o*, by means of which a greater or lesser pressure is given to the metal as it passes through, as may be desired.

Figure 3 is a diagram, showing the united sheets of metal in the act of passing between the rollers *c* and *n*, to mash down the seam, as shown.

### Claim.

Having thus described my invention,

What I desire to secure by Letters Patent is as follows:

I claim the rollers *c n*, table *l*, with guides *d d*, in combination with the grooved rollers *e e*, and roller *g*, constructed to operate as and for the purpose set forth.

JAMES GLOBER.

Witnesses:

THOS. H. HUTCHINS,

H. LOWE.