

No. 617,458.

Patented Jan. 10, 1899.

T. M. CLANCY.
METALLIC SUPPORT FOR PLASTER.

(Application filed Jan. 20, 1898.)

(No Model.)

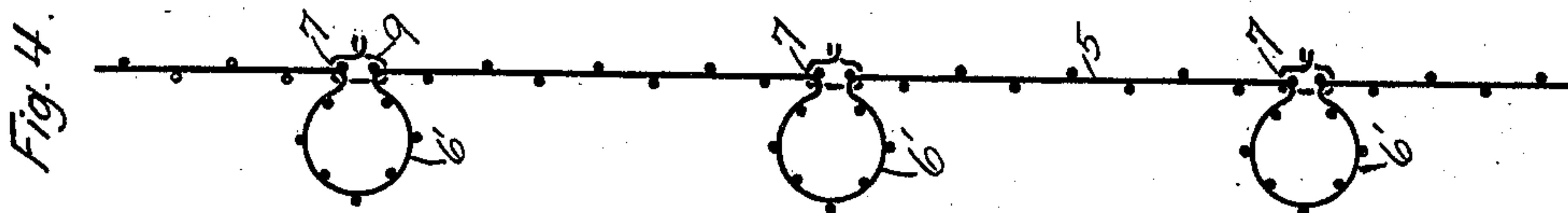
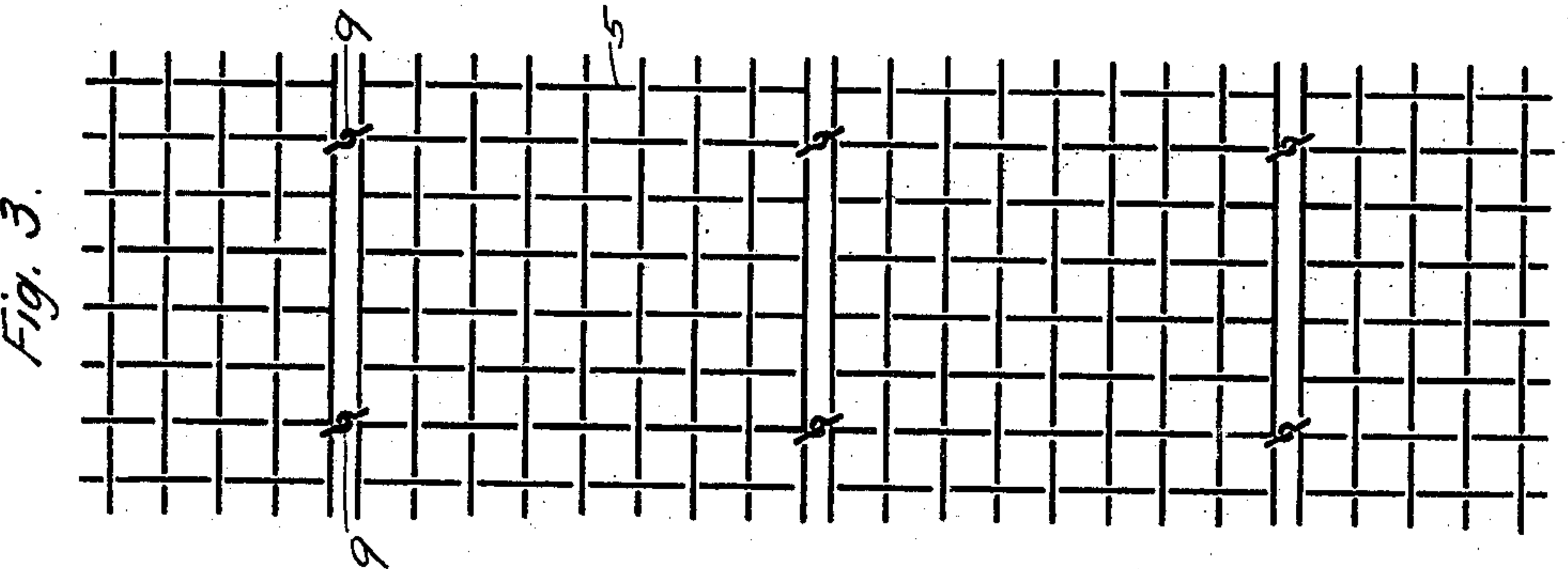
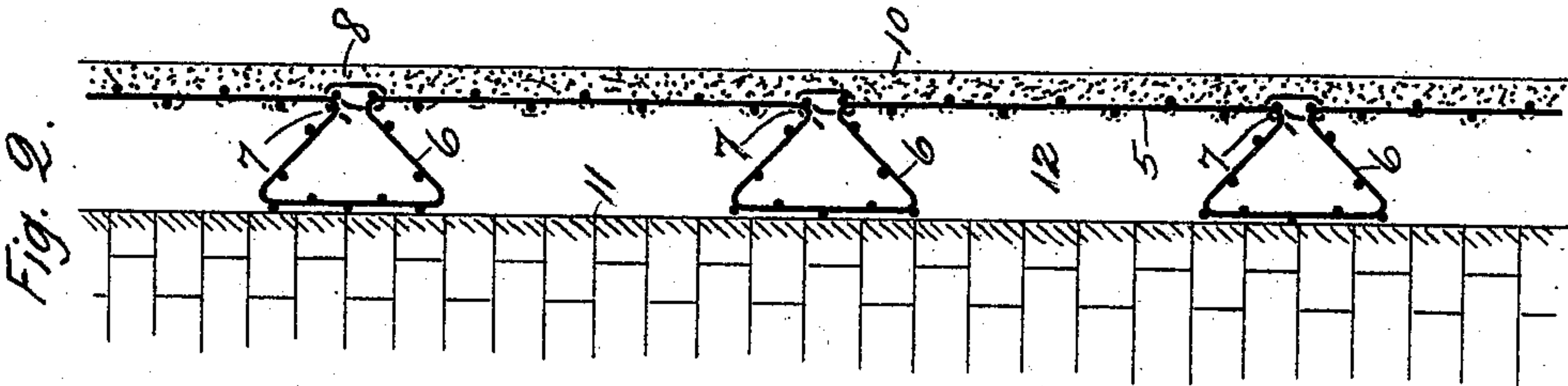
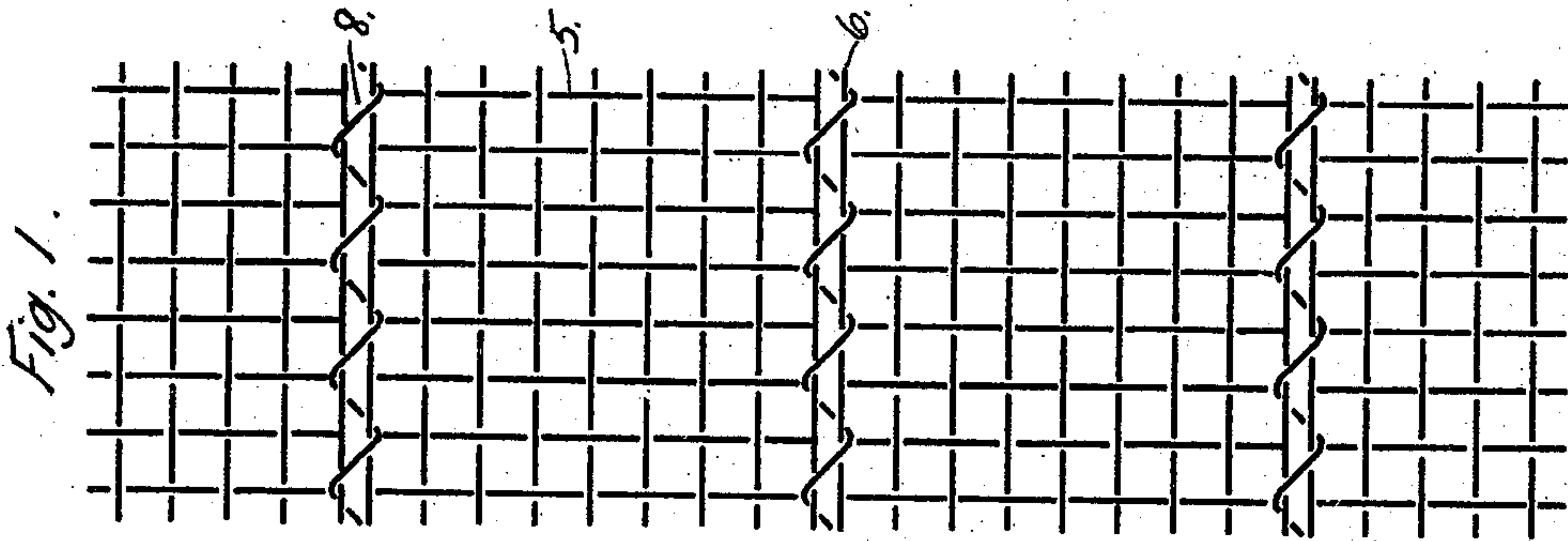
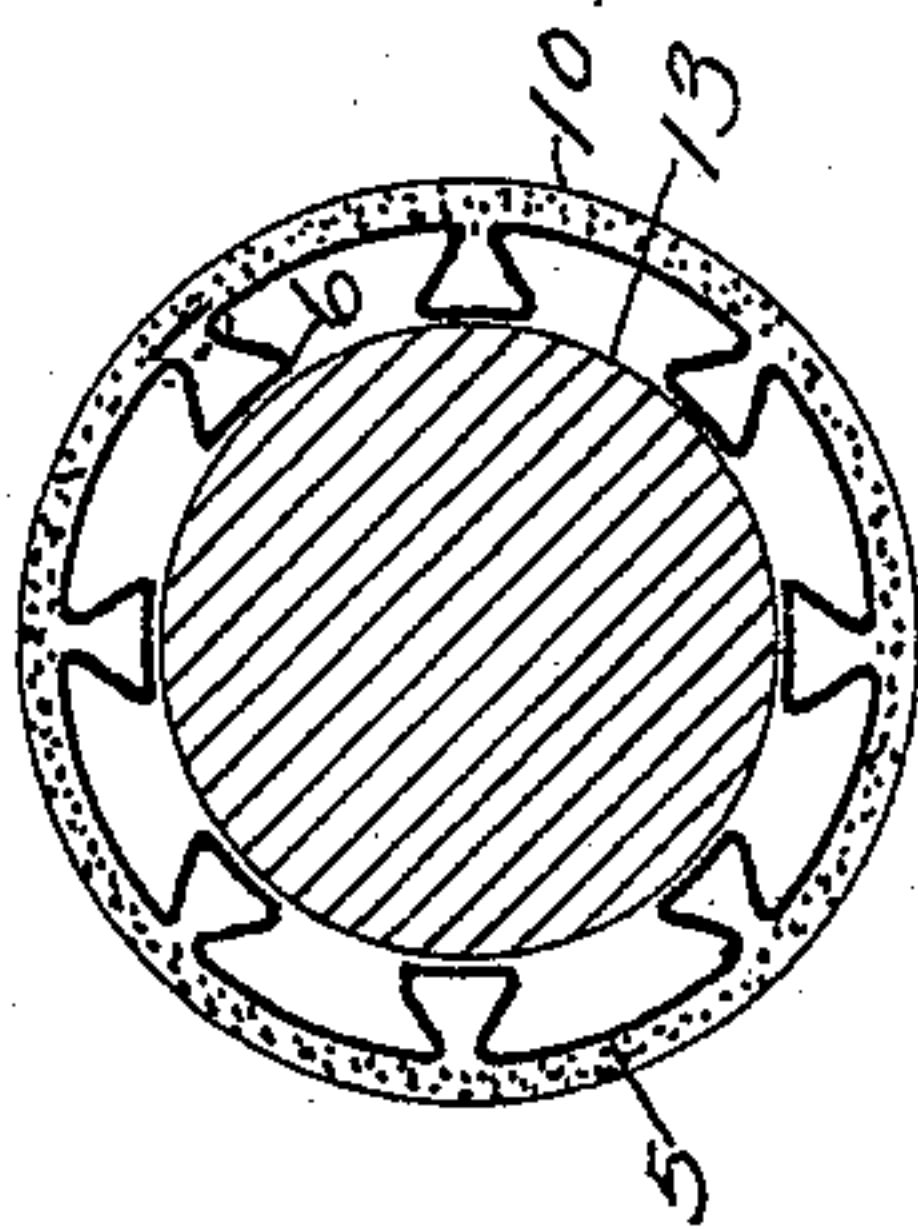


Fig. 5.



WITNESSES:

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METALLIC SUPPORT FOR PLASTER.

SPECIFICATION forming part of Letters Patent No. 617,458, dated January 10, 1899.

Application filed January 20, 1898. Serial No. 667,337. (No model.)

To all whom it may concern:

Be it known that I, THOMAS M. CLANCY, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and Improved Metallic Support for Plaster, of which the following is a specification.

This invention relates to metallic supports for plaster; and the object thereof is to form out of wire-cloth an integral support which shall hold the body portion thereof at a predetermined distance from the wall or column to be plastered.

It is a well-known fact that if plaster is laid on a brick or stone wall which is exposed to the weather moisture will exude through the wall and plaster and cause the room to become damp and unhealthful. To avoid this difficulty, the plastering-surface is held at a distance from the wall by means of strips of suitable material, so that when plastered there will be a space left between the plaster and the wall, whereby the dampness from the wall will not reach and permeate the plaster.

In covering columns with plaster it is also necessary to hold the plastering-surface at some distance from the surface of the column, and this is usually done by the use of angle-iron or by strips of other material, which must be secured to the column before the plastering-surface is placed upon the same.

It is the object of this invention to form an integral support from the plastering-surface itself which will hold the said plastering-surface at the required distance from the wall or support without the use of strips of any kind. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of a piece of wire-cloth or wire-lath embodying my improvement. Fig. 2 is a sectional view showing the same applied to a wall and the plaster mounted upon the surface thereof. Fig. 3 is a view similar to Fig. 1, but showing a different method of tying. Fig. 4 is a sectional view similar to Fig. 2, but omitting the wall and plaster; and Fig. 5 is a view showing my improved support applied to a column, the same being a horizontal section.

In the accompanying drawings the different parts are designated by numerals of ref-

erence, and in the practice of my invention I provide a piece of wire-cloth or wire-lath at regular intervals with a depressed portion 5 55 6, all of which are of a uniform size and shape and may be triangular in form, with a base parallel with the body portion of the cloth, as shown in Fig. 2, or the depressed portions may be round, as shown at 6' in Fig. 4, or may be of any other desired shape, so that they are of a uniform depth, and the body portion of the cloth adjacent to each depressed portion is brought together, as shown at 7, and a strand of wire 8 is interwoven through the adjacent meshes, as clearly shown in Fig. 1; or the adjacent parts of the body portion of the cloth may be tied at frequent intervals, as shown at 9 in Fig. 3, the object being to form a continuous surface of the body portion of the cloth or lath and provide the integral supports which will not change their size or shape no matter how tightly the cloth or lath is stretched upon the wall, and of such size that the plaster 10 will be held at a sufficient distance from the wall 11 as to leave a space 12 between the same and the wall. When mounted upon a column 13, as in Fig. 5, the depressed portions 6 will hold the body portion 5 at a sufficient distance from the column, and the same may be applied very quickly, as will be readily understood. It will also be understood that this construction may be used for the purpose of stiffening the wire-cloth for the purpose of making a rigid surface when applied to studding at some distance apart; but this is not the object of my present invention.

It will thus be seen that I accomplish the object of my invention in a very simple and efficient manner, and I therefore reserve the right to make any changes which fairly come within the scope of my invention.

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

1. A piece of wire cloth, or lath, provided with integral depressed portions, and means to keep the same uniform in depth and shape, consisting of strands of wire which extend across said depressed portions independent of the support, and engage the body portion of the cloth at each side thereof, for the purpose set forth.

2. A piece of wire cloth, or lath, provided
with integral depressed portions, and means
to keep the same uniform in depth and shape
independent of the support, consisting of a
5 strand of wire interwoven through the meshes
of the body portion of the said cloth adjacent
to each depressed portion, substantially as
and for the purpose set forth.

In testimony whereof I have hereunto af-
fixed my signature in the presence of two or
subscribing witnesses.

THOMAS M. CLANCY.

Witnesses:

P. B. RUGGLES,
I. A. HOPKINSON.