

(No Model.)

A. M. LANE.
CLOCK SASH.

No. 522,298.

Patented July 3, 1894.

Fig. 1.

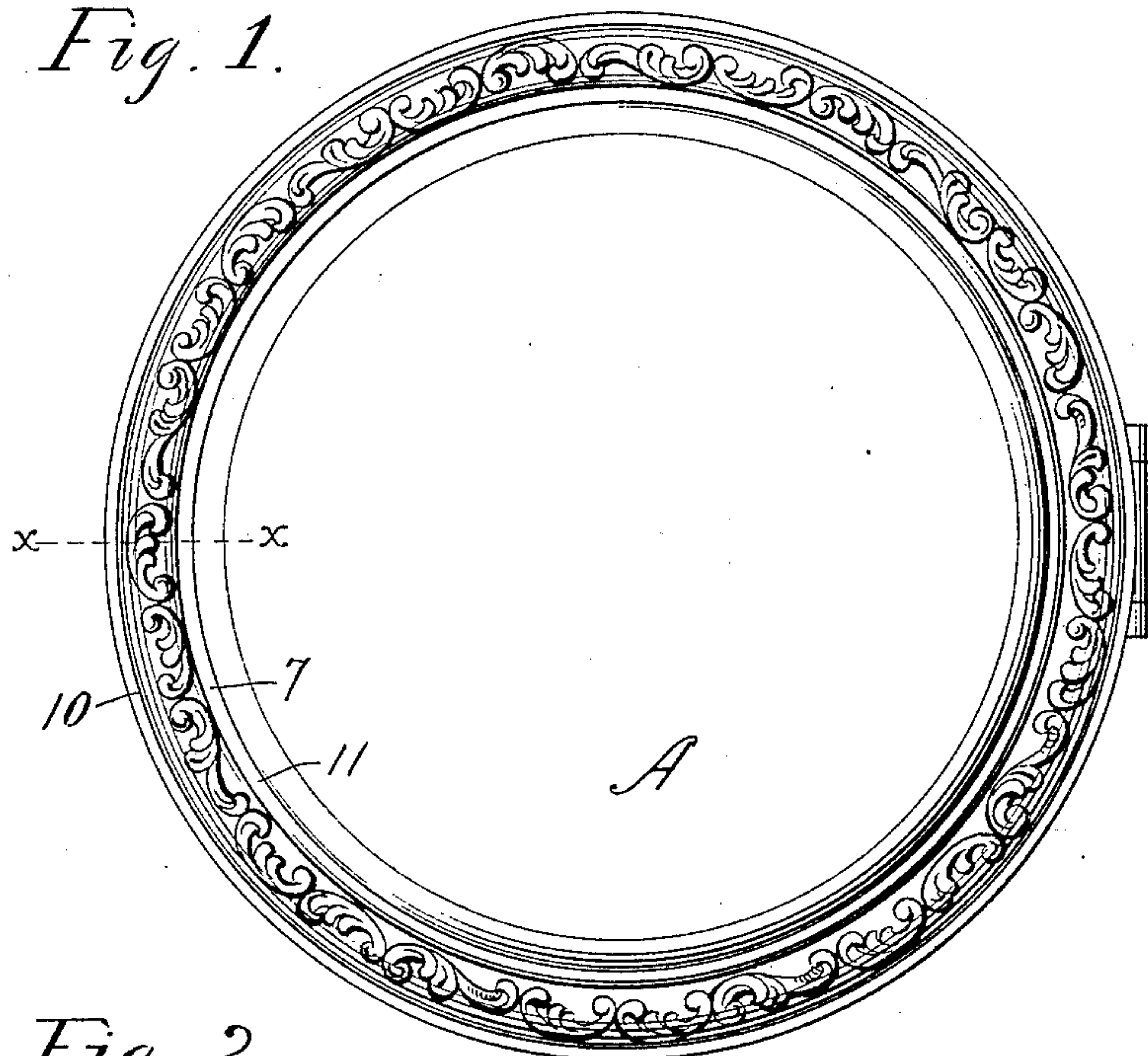


Fig. 2.

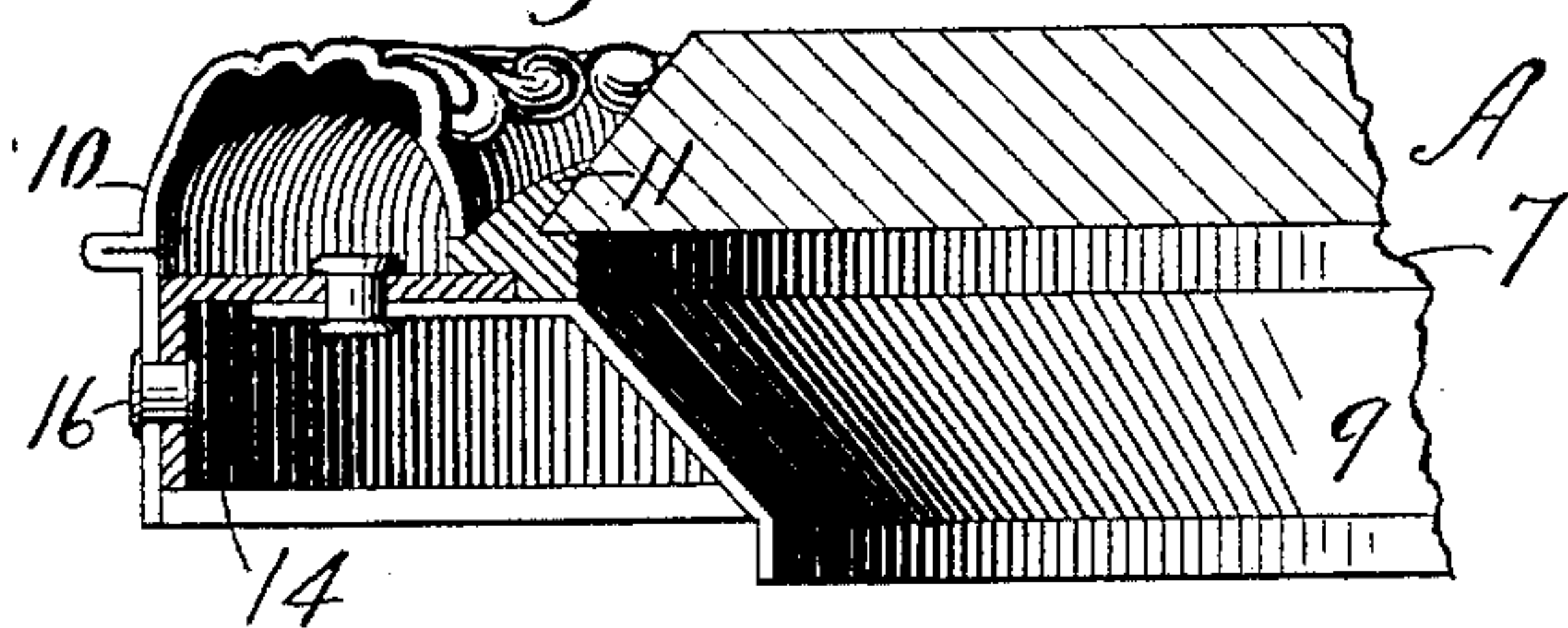


Fig. 5.

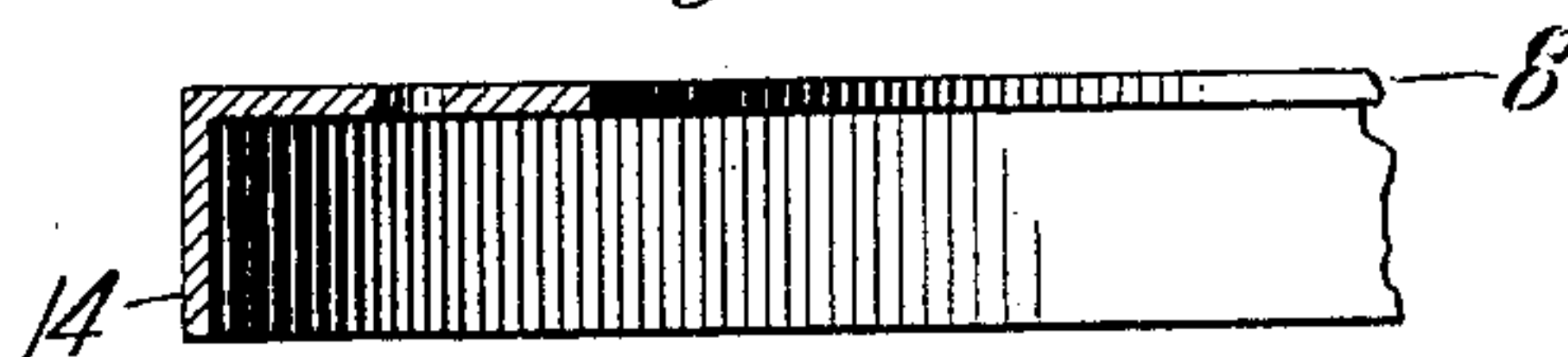


Fig. 3.

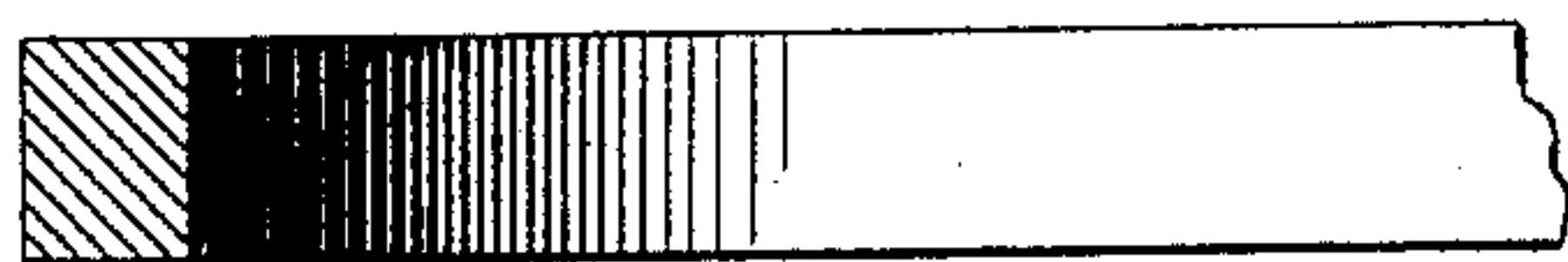


Fig. 6.

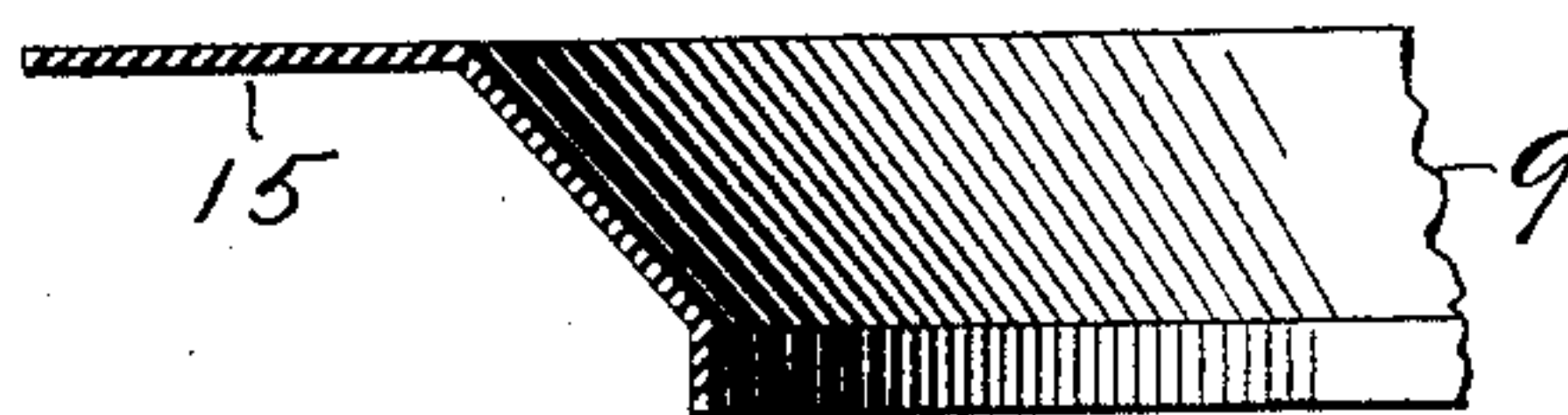
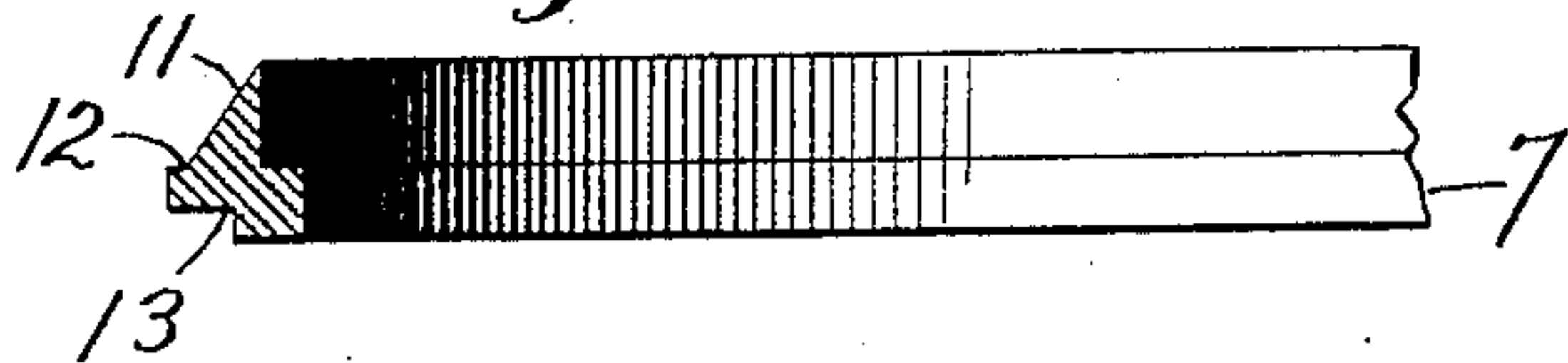


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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CLOCK-SASH.

SPECIFICATION forming part of Letters Patent No. 522,298, dated July 3, 1894.

Application filed July 17, 1893. Serial No. 480,690. (No model.)

To all whom it may concern:

Be it known that I, ALMERON M. LANE, a citizen of the United States, residing at Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Sashes for Clocks, of which the following is a specification.

My invention relates to improvements in sashes for clocks, and the chief object of my improvement is to form an ornamental cap from sheet metal, which may be formed independently of the bezel which holds the glass, whereby the mounted glass may be provided with any desired design of finishing cap.

In the accompanying drawings: Figure 1 is a front elevation of my sash. Fig. 2 is an enlarged section of one side thereof on the line $x x$ of Fig. 1. Fig. 3 is a sectional view of one side of a ring or section of a tube from which I form the bezel or glass holder. Fig. 4 is a like view of the bezel or glass holder as formed from said ring. Fig. 5 is a like sectional view of the mat holder, and Fig. 6 is a corresponding view of the mat.

A designates the glass, 7 the glass holder or bezel, 8 the mat holder, 9 the mat and 10 the finishing cap. I form the glass holder or bezel ring 7 from a ring, or section of tube, Fig. 3, the same being preferably formed by cutting up a tube or hollow cylinder into rings. Said ring is placed in a lathe and a rabbet turned out on its inside to receive the glass A. As the beveled edge glasses will be of varying diameters, each ring will be turned out to receive a particular glass. The outer edge of the ring is then turned off to form the flange 11 and outer shoulder 12, Fig. 4, after which the flange 11 is spun or turned down over the beveled edge of the glass to hold it in place, changing it from the position shown in Fig. 4 to that shown in Figs. 1 and 2. I also turn a rabbet 13 upon the other side of the ring or bezel to bring the inner side of the bezel to a size that will snugly fit the mat holder 8. This mat holder is in the form of a flat ring with a cylindrical flange 14, and the bezel or glass holder is snugly driven therein so as to stay in place as shown in Fig. 2. If desired the two may be additionally secured together by the operation of "staking." I form the

mat 9 in substantially the usual form, and provide it with a ring shaped flange 15, Fig. 6, by means of which it is riveted to the mat holder 8 in proper position back of the bezel as shown in Fig. 2.

In order to give a proper finish and have an ornamental or finishing portion outside of the glass and bezel, I provide the finishing cap 10. It is preferably struck up from sheet metal and rolled over on its front to form a ring, the inner edge of the metal preferably resting upon the shoulder 12 of the bezel, while the metal on the outer edge of said ring or cap extends on the outside of the flange 14 of the mat holder to form the finishing edge of the sash, said finishing cap being secured to the mat holder in any proper manner, as for example, by means of rivets 16, Fig. 2. This finishing cap may be plain or it may have its front surface ornamented in any proper manner as for example by the inexpensive method of striking the same in dies.

By making the finishing cap separate from the mounted glass, I am enabled to mount the same in large quantities and change the design of the finish as may be desired from time to time by adding to the mounted glasses different finishing caps. I am also enabled to make the finishing cap of sheet metal and the parts are so constructed and arranged that they may be produced at a small cost, all the parts excepting the bezel ring and rivets being formed from sheet metal struck up in dies.

I claim as my invention—

1. A clock sash having the glass holder, mat and mat holder secured together or mounted by themselves, and a separately formed finishing cap secured thereto, substantially as described and for the purpose specified.

2. A clock sash consisting of a mat holder, in the form of a ring with a cylindrical flange the bezel or glass holder and the mat secured thereto, and the finishing cap secured to said mat holder, substantially as described and for the purpose specified.

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Witnesses:

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