

(No Model.)

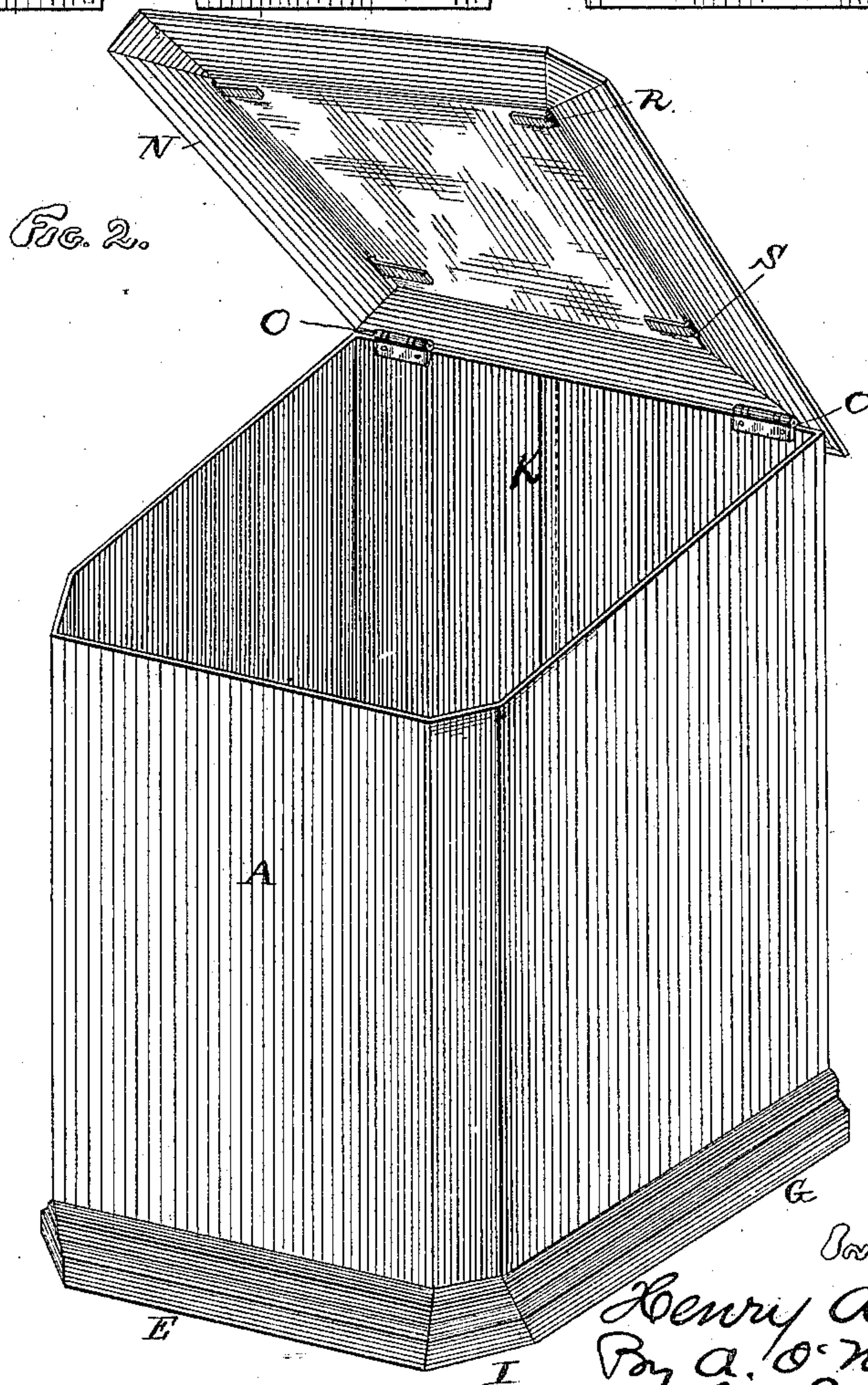
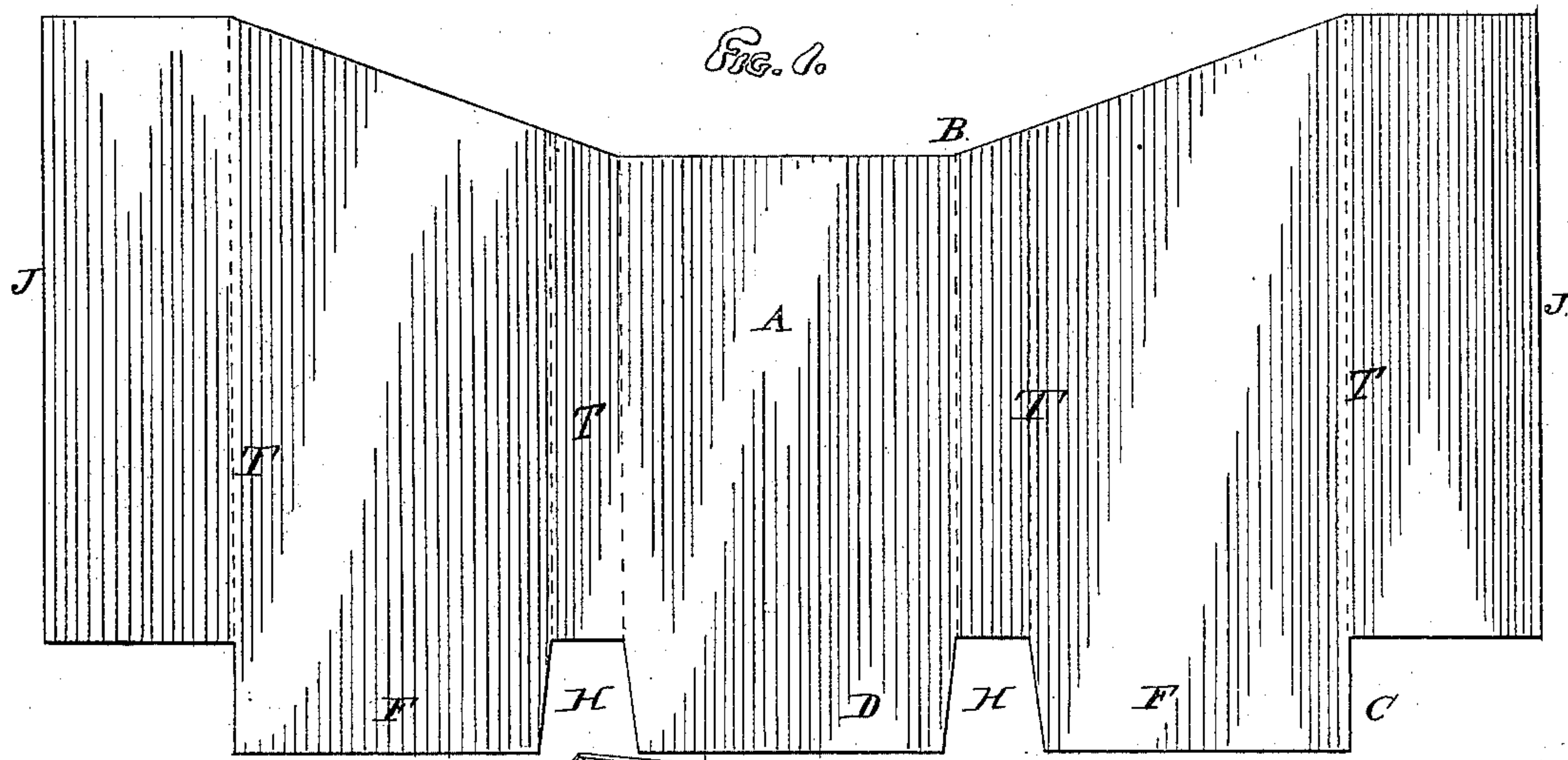
2 Sheets—Sheet 1.

H. ADLER.

COAL VASE.

No. 311,864.

Patented Feb. 10, 1885.



WITNESSES:

Ed. Hough.
C. L. Jones.

INVENTOR:

Henry Adler
By A. O'Neill and
Chas. Gooch
attorneys.

(No Model.)

2 Sheets—Sheet 2.

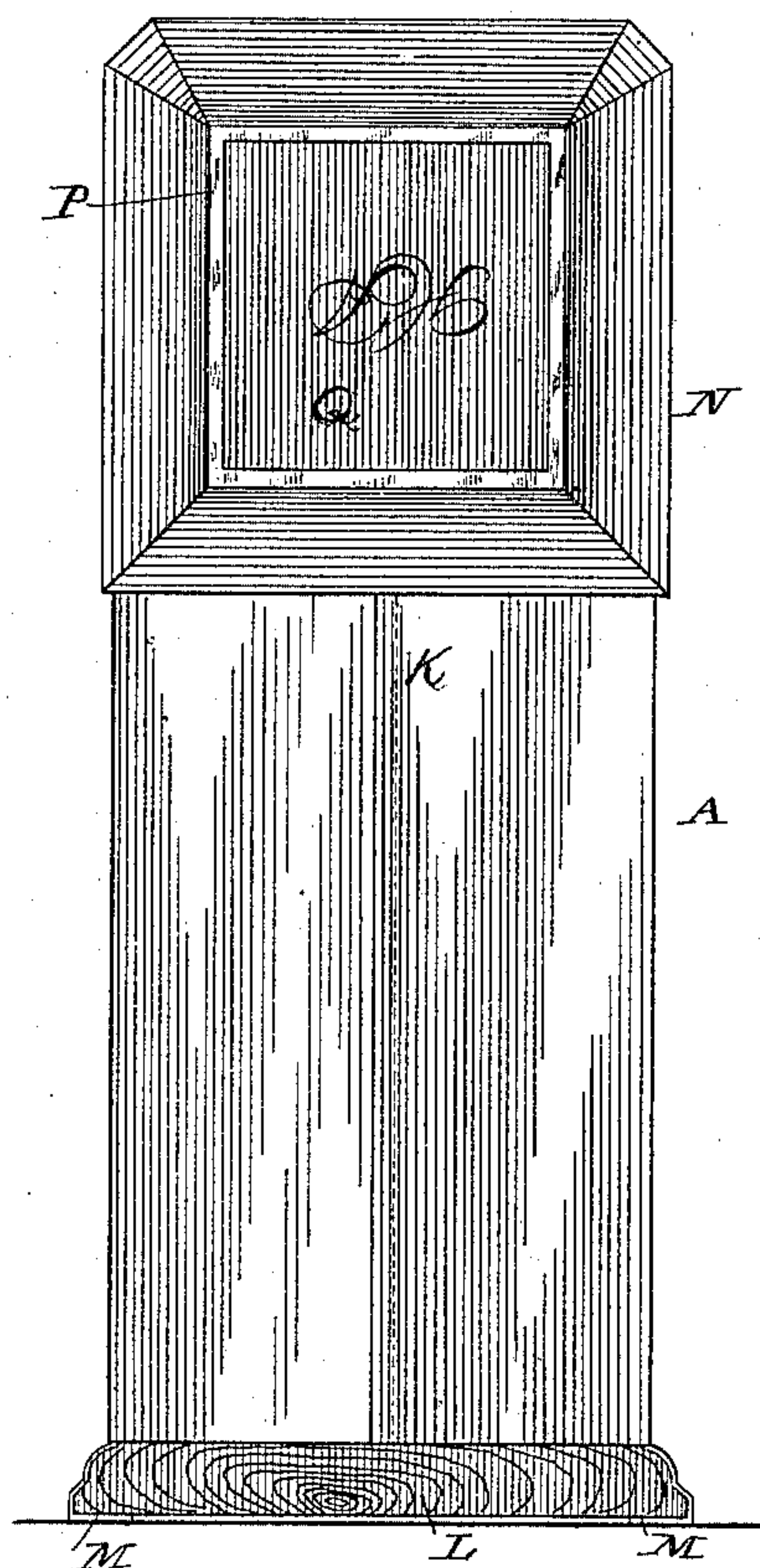
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FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY ADLER, OF PITTSBURG, PENNSYLVANIA.

COAL-VASE.

SPECIFICATION forming part of Letters Patent No. 311,864, dated February 10, 1885.

Application filed February 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY ADLER, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Coal-Vases, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in the construction of coal-vases; and it consists in forming the body of the vase out of a single piece of metal, the blank for which is formed at one edge with a series of depressions, to adapt it, when bent, to form the upper edge of the vase of a desired contour, the lower edge of the blank having projecting portions, which are swaged into curved form, so that when the blank is bent into shape such curved portions will constitute the supporting-base of the vase. The lower rear portion of the body thus formed is left open, and a wooden bottom having its side and front edges of a shape corresponding to the curvature of the base is slid therein. To the rear top edge of the body is hinged a cover, which has on its top face a raised rim or frame, within which any desired monogram or design may be inserted, said frame having on its under face depending prongs or fingers, which are passed through holes in the lid, and are bent inwardly and clamped against the under face of the lid.

35 In the drawings, Figure 1 represents a plan view of a blank for forming the body of the vase, the dotted lines showing the points at which the blank is bent around to form the body. Fig. 2 represents a perspective view of the completed vase with the lid raised. Fig. 3 represents a rear elevation of the vase with the lid raised.

40 The blank A is stamped out of any desired sheet metal, one edge, B, being formed with a succession of curvatures or depressions to suit the shape desired for the top of the vase.

45 In the drawings the vase is shown with a straight top edge, the front being lower than the rear, and the sides gradually extending rearward and upward at a gradual angle to the back. The edge C of the blank A is

stamped with a centrally-projecting portion, D, which forms the front portion, E, of the base, with side projections or wings, F F, which, when the blank is bent around, form the sides G of the vase.

In practice, when the blank has been formed as represented in Fig. 1, the lower edge, D F F, is swaged between suitable dies, so as to press the projecting portions D F F upward into curved form, as shown in Figs. 2 and 3, for the purpose of strengthening such lower portion and forming a firm support for the vase. When the portions H H of the blank are cut away, the corners I of the vase will be supported by soldering or otherwise attaching separate pieces of metal thereto; but instead of cutting out the base H simple slits may be formed in the blank, in which case that portion of the lower edge, C, can be bent down to form said corners I in the same manner as are the portions D F F. When the blank A is bent around, the extreme edges or ends J lap and are soldered together at the back, as shown at K.

L represents the bottom of the vase, said bottom being of wood, and having its side edges formed of a curvature corresponding to the curvature of the bead forming the base of the vase. This bottom is slid into position from the rearward portion of the vase, and, as shown in Fig. 3, fills up the space left between the bottom of the rear portion of the vase and the inturned portions of the sides M thereof.

N represents the lid or cover, which is hinged at O to the back. This cover has attached to its top face, centrally or about centrally thereof, a raised rim or frame, P, within which may be placed a plate or tile having a monogram or other ornamental device thereon. This rim or frame P has depending from each corner a lug or finger, R, which are passed through suitable slots or holes, S, in the lid or cover, and are clasped against the under face thereof, as shown in Fig. 2, by which means the rim or frame P can be securely held in position, with capability of ready removal whenever desired.

The dotted lines T in Fig. 1 represent the

creases which are formed in the blank by the bending thereof into shape to form the body of the vase.

Having thus described my invention, what
5 I claim therein is—

A coal-vase having its back, front, sides, and supporting-base formed out of a single piece of metal, and a wooden bottom, substantially as set forth.

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

HENRY ADLER.

Witnesses:

LUCIUS P. DEMING,
H. W. SMITH.