

No. 815,349.

PATENTED MAR. 20, 1906.

G. W. HEENE.

BLANK.

APPLICATION FILED SEPT. 9, 1904.

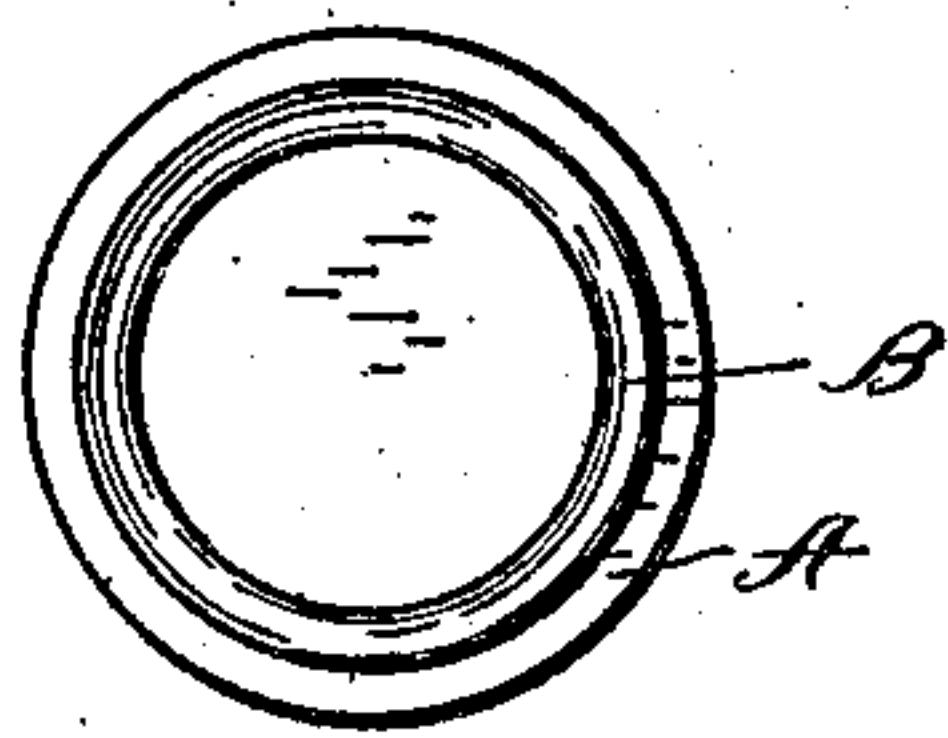


Fig. 1.



Fig. 2.

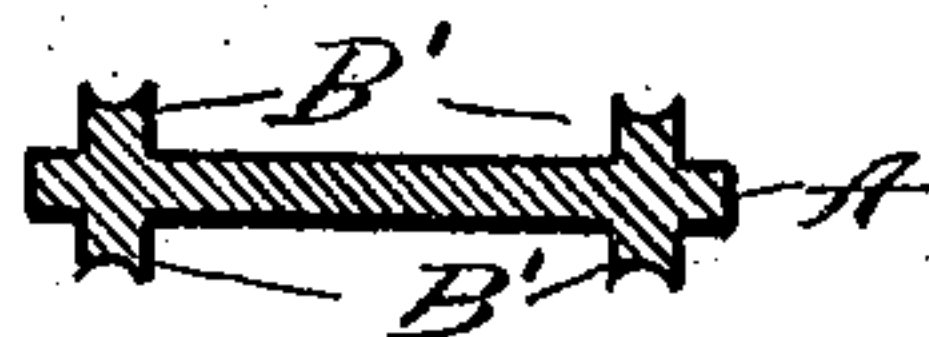


Fig. 3.

Witnesses

Chas. M. Haves,
Perry H. Patterson.

Inventor

George W. Heene

By

Stephen A. Brooks

Attorney

UNITED STATES PATENT OFFICE.

GEORGE W. HEENE, OF CLEVELAND, OHIO, ASSIGNOR TO THE AUTOMATIC STAMPING MACHINE COMPANY, OF PHOENIX, ARIZONA TERRITORY, A CORPORATION OF ARIZONA TERRITORY.

BLANK.

No. 815,349.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed September 9, 1904. Serial No. 223,905.

To all whom it may concern:

Be it known that I, GEORGE W. HEENE, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Blanks, of which the following is a specification.

My invention relates to blanks for stamping, such as are adapted to have letters or characters formed in relief thereon.

The objects of my invention are, first, to supply a blank that is reversible as to the sides to be presented to the die or matrix; second, to form a blank so that the impressing of the die will form the letter in relief, and, finally, to provide means whereby the letters or characters so formed will be absolutely perfect.

My invention consists in the peculiar construction of the blank whereby the above objects are attained, all of which will hereinafter fully appear and be particularly pointed out in the claim.

In forming the blank, which is preferably circular in form and composed of ductile metal, preferably aluminium, I provide the same with either a finished, fancy, or plain edge.

In the accompanying drawings, in which like letters of reference indicate like parts throughout the several views, Figure 1 is a plan view of the blank. Fig. 2 is a transverse section thereof, and Fig. 3 is a transverse section of a modified form in which a bead is provided on both sides of the blank.

In carrying out my invention I form the blank A with a bead B. This is a very important feature of the blank, as it is this portion that is operated upon by the machinery. (In my application for patent, filed June 14, 1902, Serial No. 111,708, I show a machine for which this blank is adapted.) It is essential that this bead which projects out from

the face of the blank should be uniform in width, annular in plan, and concentric to the edge of the blank. By having the bead project as specified enough material is provided for forming the characters in relief when operated upon by the machine.

While a blank provided with a single bead, as shown in Fig. 2, is practical in construction and capable of carrying out the functions assigned to it, yet I have found that in making the blanks it is preferable to form the blanks A with beads B' on both faces, as in Fig. 3, and in identically the same relation to the blank. The object of this is to prevent mistakes in feeding the disks to the hopper or feeder and to always present the blank so that it will be operated upon rightly regardless of the face presented.

The beads in both forms of my improved blank, as illustrated, are formed with concave outerfaces. The object of this construction is to obviate any flaw in the formation of the letters or characters being stamped—that is, the extra material will flow during the stamping operation and fill in any cavities, and thereby produce perfect stampings.

The bead in each form of my improvement is of a width equal to the width of the letters formed therefrom, so that during the stamping process the letters extend from one edge of the rib to the other edge thereof.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

A circular blank formed with a circular bead having a concave outer face.

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

GEORGE W. HEENE

Witnesses:

JOHN E. HEENE,
FRANK SAUER.