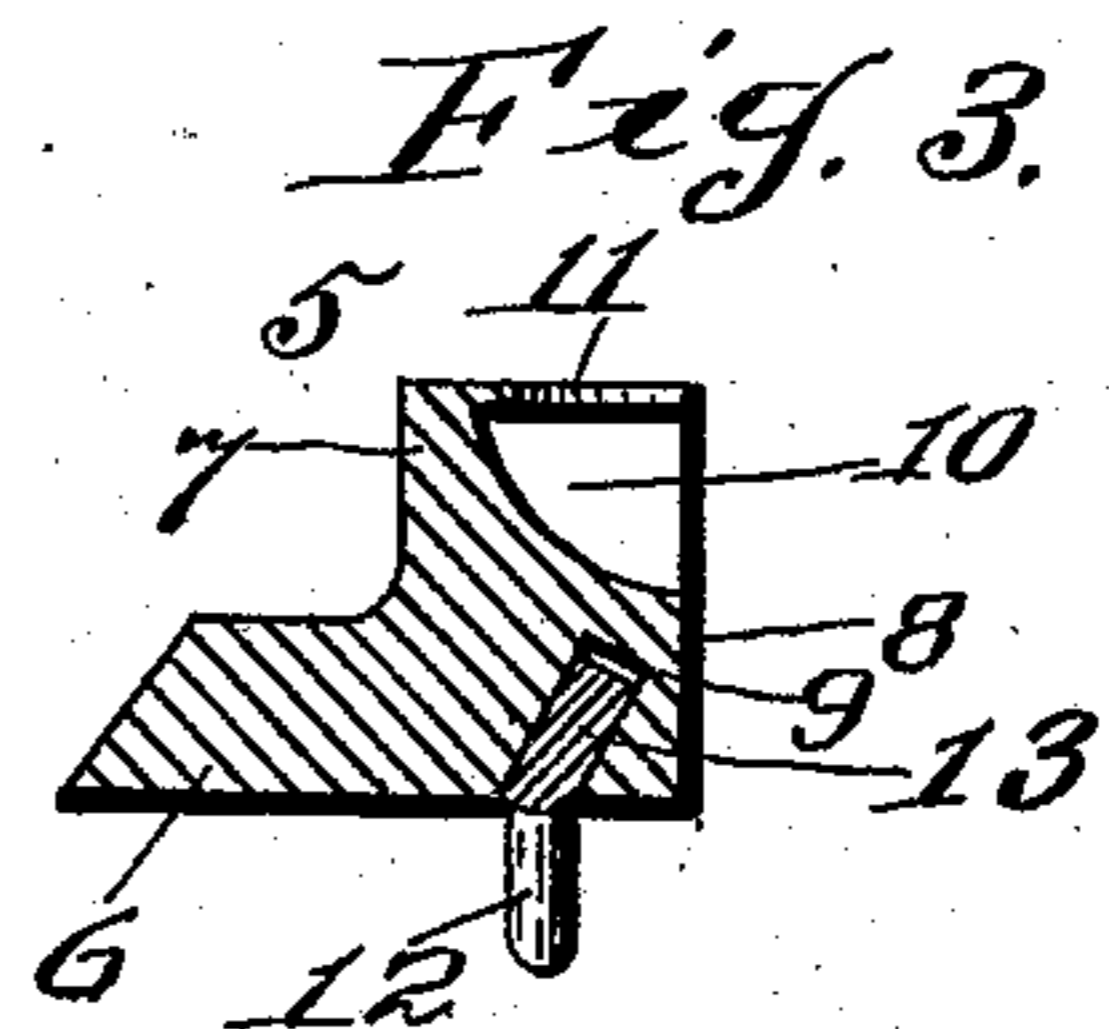
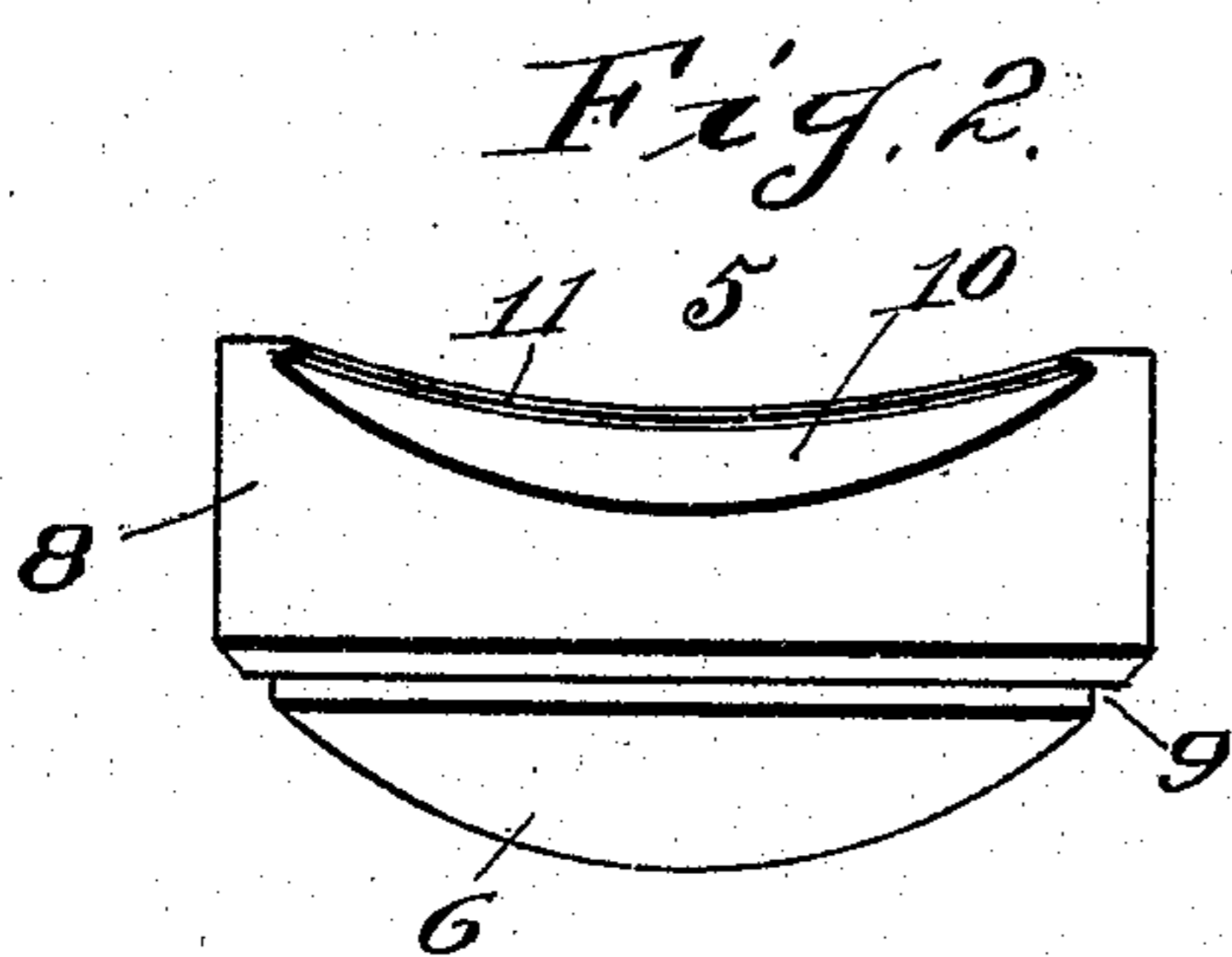
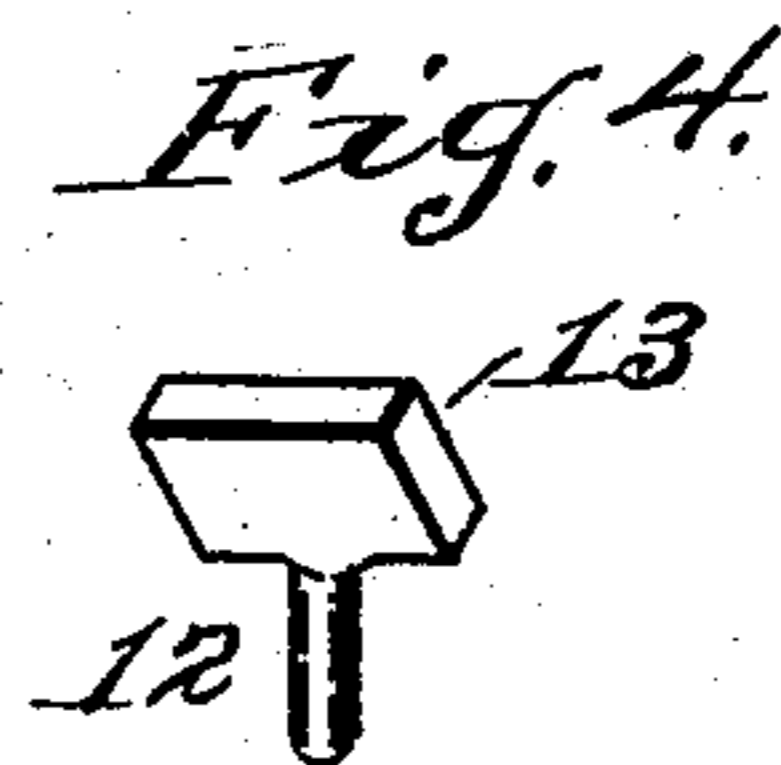
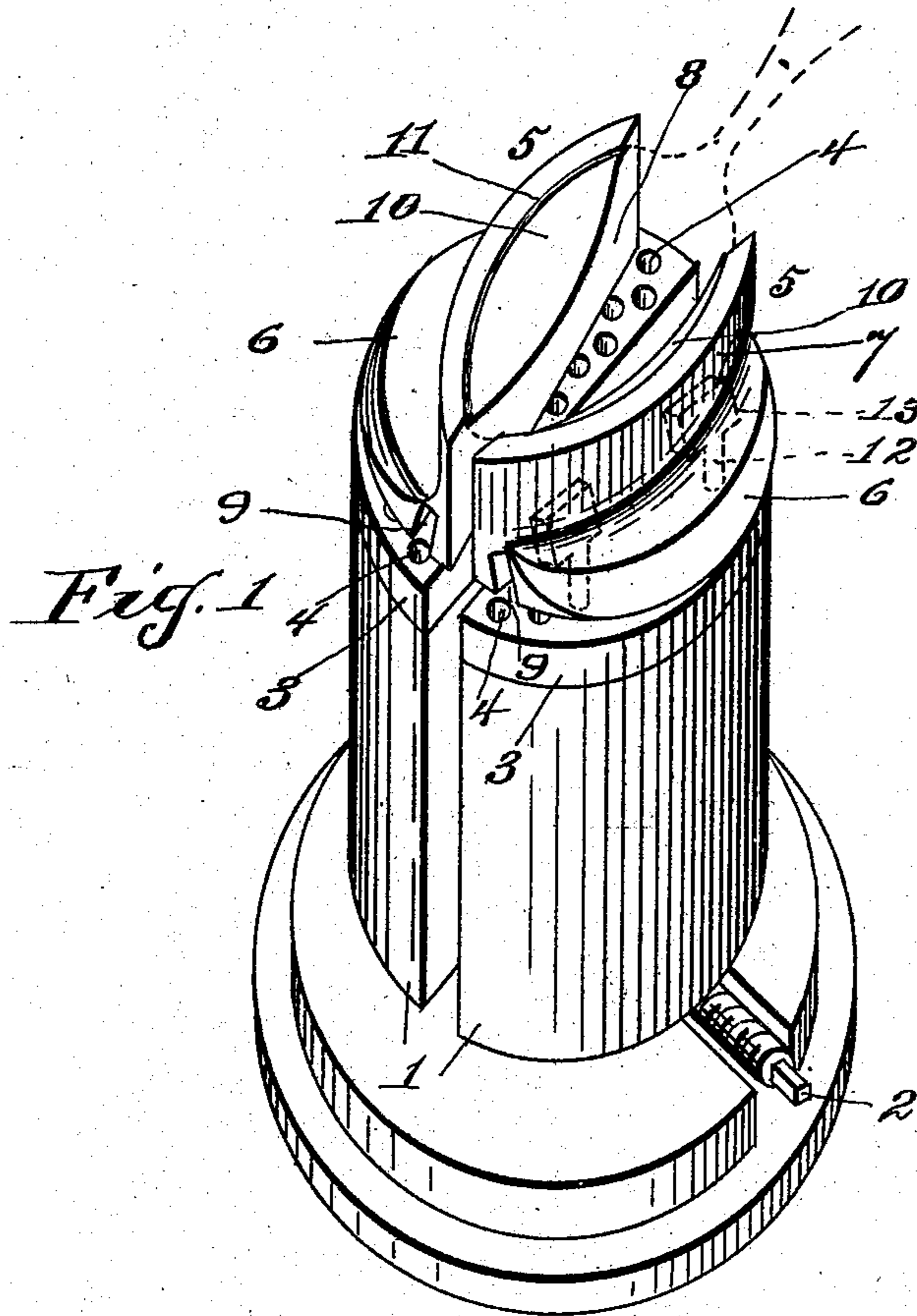


F. W. CROCKER.  
 ENGRAVER'S SPOON HOLDER.  
 APPLICATION FILED JAN. 25, 1908.

900,148.

Patented Oct. 6, 1908.



Witnesses:  
 Y. N. Whitman  
 Wm. E. Valk Jr.

Inventor  
 Fred W. Crocker  
 By  
 C. J. Delp  
 Attorney.

# UNITED STATES PATENT OFFICE.

FRED W. CROCKER, OF NORTH BALTIMORE, OHIO.

## ENGRAVER'S SPOON-HOLDER.

No. 900,148.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed January 25, 1908. Serial No. 412,608.

*To all whom it may concern:*

Be it known that I, FRED W. CROCKER, a citizen of the United States, residing at North Baltimore, in the county of Wood and State of Ohio, have invented certain new and useful Improvements in Engravers' Spoon-Holders, of which the following is a specification.

This invention relates to the class of special clamps for holding articles during hand engraving, and pertains especially to a rest or holder for the bowl of spoons while being engraved.

The object of the invention is to provide a spoon holder of such novel and peculiar character that the holder may fit the usual or any block ordinarily used by engravers having apertures therein, and capable of various adjustments on the block according to the size and shape of the spoon to be engraved.

A further object of the invention is to provide a spoon holder for engravers having the jaw-plates thereof undercut so as to form a solid rest for the thumb of the engraver, and for the purpose of facilitating the adjustment of said jaws to various angles or positions according to the character and size of the article to be engraved.

A still further object of the invention is to provide, in an engraver's clamp or workholder, a pair of semi-circular plates each having integral jaws provided with lune-shaped concavity jointly forming a spoon-bowl seat or rest, having a retaining lip projecting from the top edge of said concavities.

A still further object of the invention is to provide a pair of jaws each having a concavity and adapted (when used together) to form a spoon rest or holder, and each having a slot parallel with a right-lined face of the jaws, and a series of pegs or pins adapted to fit engravers' blocks having apertures, said pegs having heads to fit the said slots.

Various other objects, advantages and improved results are attainable in the practical application of the invention, while its simplicity of construction and operation will be hereinafter fully shown.

In the accompanying drawings forming part of this application: Figure 1 is a perspective view showing the application of the invention to an ordinary engraver's block. Fig. 2 is a perspective view of one jaw of the holder. Fig. 3 is a cross section of one of the jaws through one of the peg-heads. Fig. 4

is a perspective view of one of the holder pegs.

The same reference numerals denote the same parts throughout the several views of the drawings.

An ordinary engraver's divided block 1, having the usual clamping screw 2, and caps 3, provided with holes or apertures 4 in the top face thereof, is preferably used.

It is to equip the caps 3 with special jaws for holding and clamping spoons for engravers, and for forming solid thumb or hand bearings for the engraver, that this invention is intended; and it is the further purpose of the invention to provide special pins or pegs for connecting the jaws to the caps, so that the jaws may be turned or swung on one or the other of the pegs as a pivot, and be slid on the peg heads at various angles to each other for changing the size and shape of the holder to suit various spoons or other articles.

The clamping jaws 5 being of the same construction, only one of them will be hereinafter described in detail; it comprises a semi-circular base 6 having a beveled outer edge and adapted to rest upon the block 1, a segmental face 7, perpendicular to the base, a right lined face 8, the ends of which extend from the bottom of the base 6 to the top of the face 7, and the central portion of which is but half the depth of its ends, the base 6 has a slot or slide-way 9, inclined throughout the length of the base; between the top edge of the face 8 and the top of the face 7 and over or above the slot 9, is formed a lune-shaped concavity 10, which extends lengthwise the jaw, and terminates in points adjacent the ends of the jaw-face 8, so as to form a lune-shaped seat or rest; and a bead or lip 11 projects from the top edge of the face 7, slightly over the said seat and forms a stop against which the edge of a spoon-bowl or other article may be forced during its clamping. The slot 9 being on the under side of the jaw, the top of the jaw forms an unobstructed surface or solid bearing for the thumb of an engraver while working a graver.

The means for holding or supporting the jaws on the block 1, consists of a series of pegs or pins 12, to fit the block-apertures, and each peg or pin is provided with a rectangular head 13 inclined at an angle to the pin to fit the slot of the jaws.

In assembling the parts for holding a spoon, the pegs are placed in the block-head or cap in approximate position according to the size of the bowl of the spoon to be held by the jaws, the latter are slid upon the pins, the said bowl is set upon the concavities with its edge under the jaw-lips and the block portions are operated in the usual manner to force the jaws tightly upon the spoon bowl. It will be observed that the jaws jointly form a cup or bowl like receptacle for the spoon-bowl, that both jaws or either of them may be swung and slid on the pins to vary the size of such cup as desired or as occasion may demand, and that the interval or space between one end of the jaws may be varied without making any space or interval at the other end of the jaws.

It is obvious that the lips under which the edge of the spoon-bowl is held prevent the spoon from displacement under pressure of the jaws during their clamping operation, and that said lip and the beveled base-plate afford convenient rests for the thumb or hand of the engraver and for the graver tool.

Having thus described my invention what

I claim as new and desire to secure by Letters Patent is:

1. A work-holder attachment for engravers' blocks, comprising a pair of jaws each having a concavity lengthwise the top thereof, a slot extending throughout the length of the under side of the jaws, and a series of pins or pegs adjustable in said block and having heads fitting said slots to permit adjustment of the jaws at various angles to each other.

2. A work-holding attachment for engravers' blocks, comprising a pair of jaws each having a lune-shaped concavity lengthwise the top thereof and adapted to be operated jointly to form spoon seats of various size and shape, an inclined slot through the base length of each jaw, and a series of pins turnable in the block for swinging the jaws and having inclined heads upon which the jaws are slid.

In witness whereof I hereunto set my hand in the presence of two witnesses.

FRED W. CROCKER.

Witnesses:

B. L. PETERS,

W. M. NORTHRUP.