

No. 850,337.

PATENTED APR. 16, 1907.

G. H. BLAKESLEY.

TOOL FOR DRESSING, SHAPING, AND CLEANING RUBBER ERASERS.

APPLICATION FILED JUNE 23, 1906.

Fig. 1.

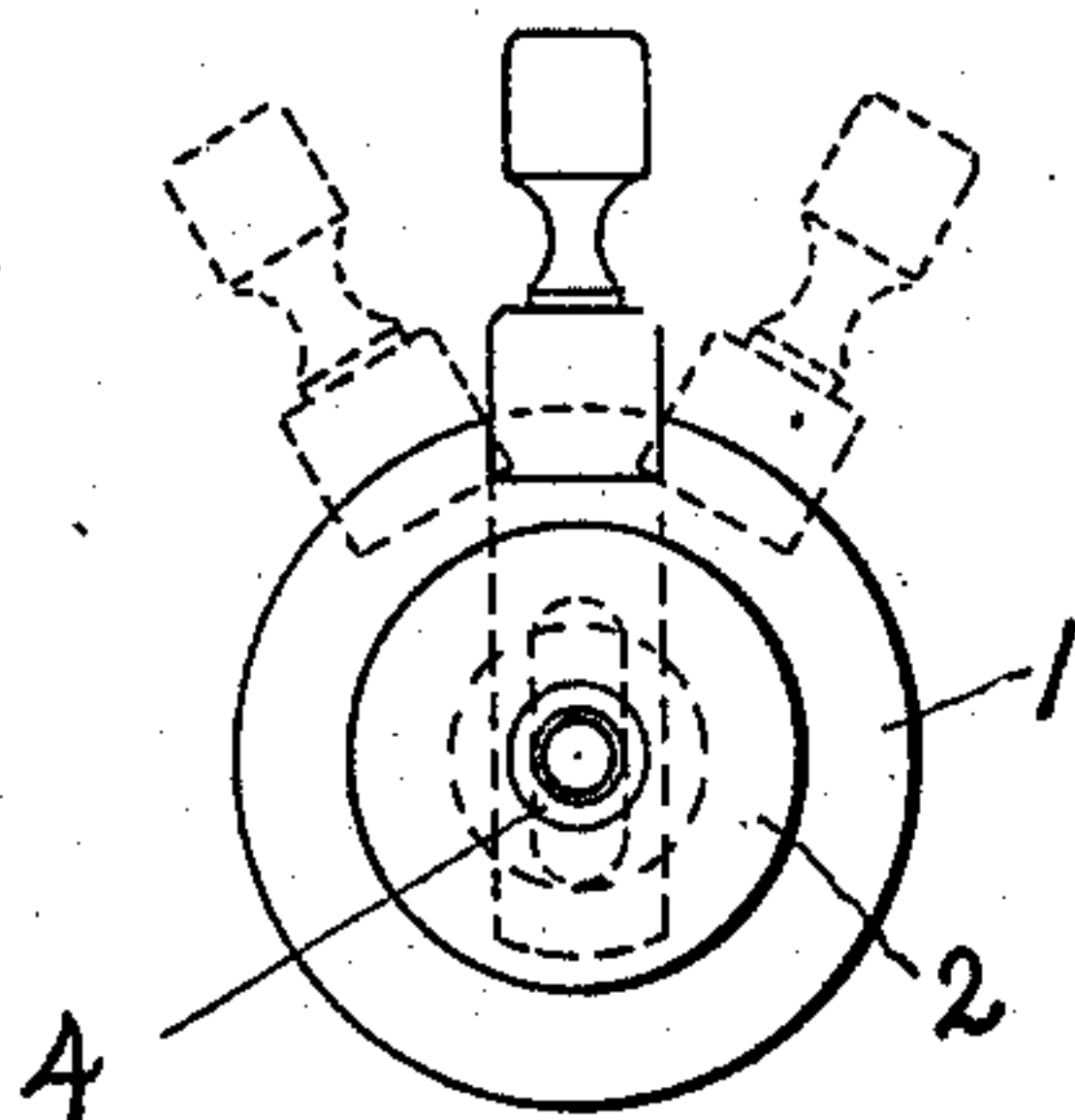


Fig. 2.

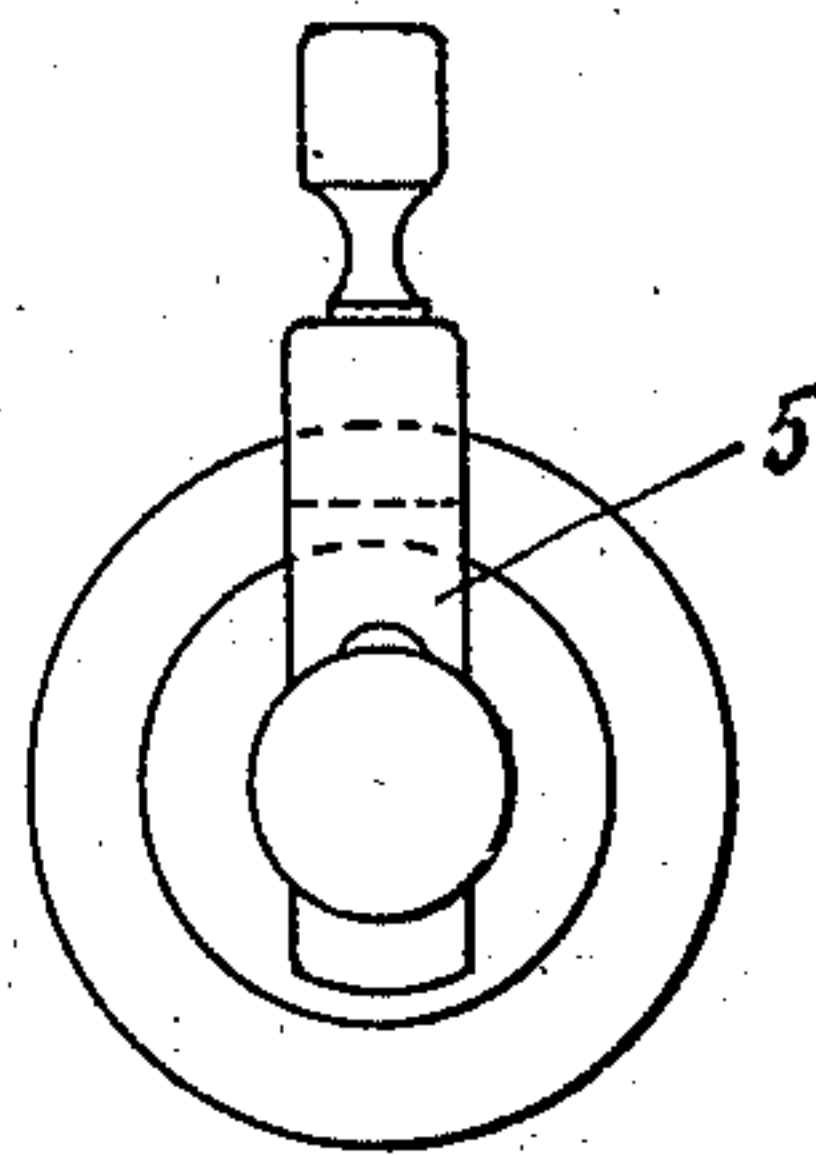


Fig. 3.

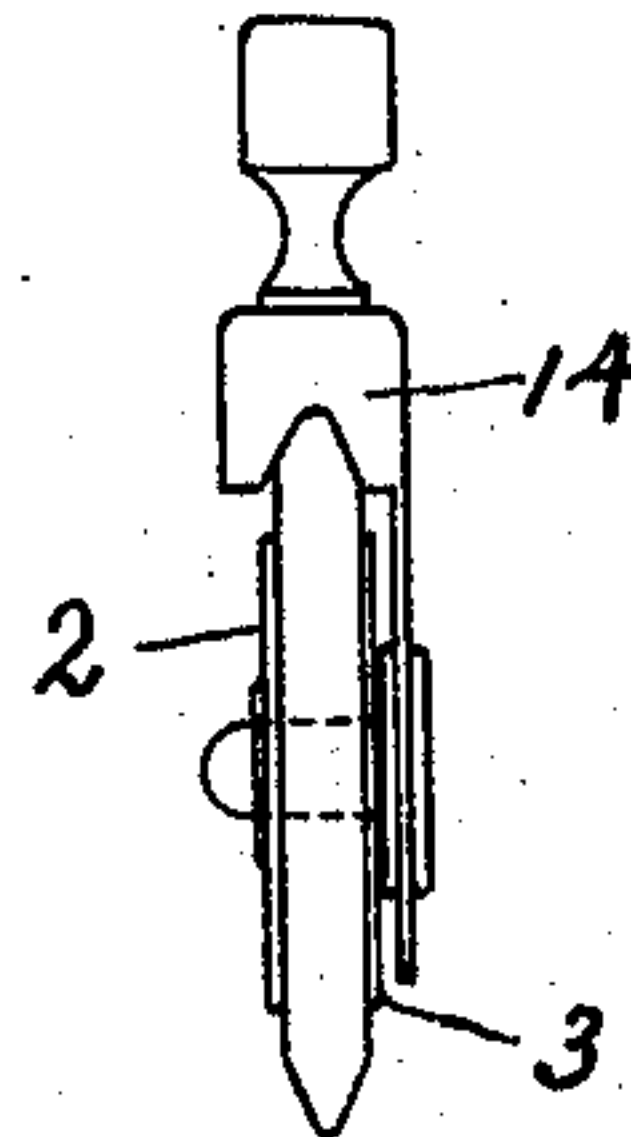


Fig. 4.

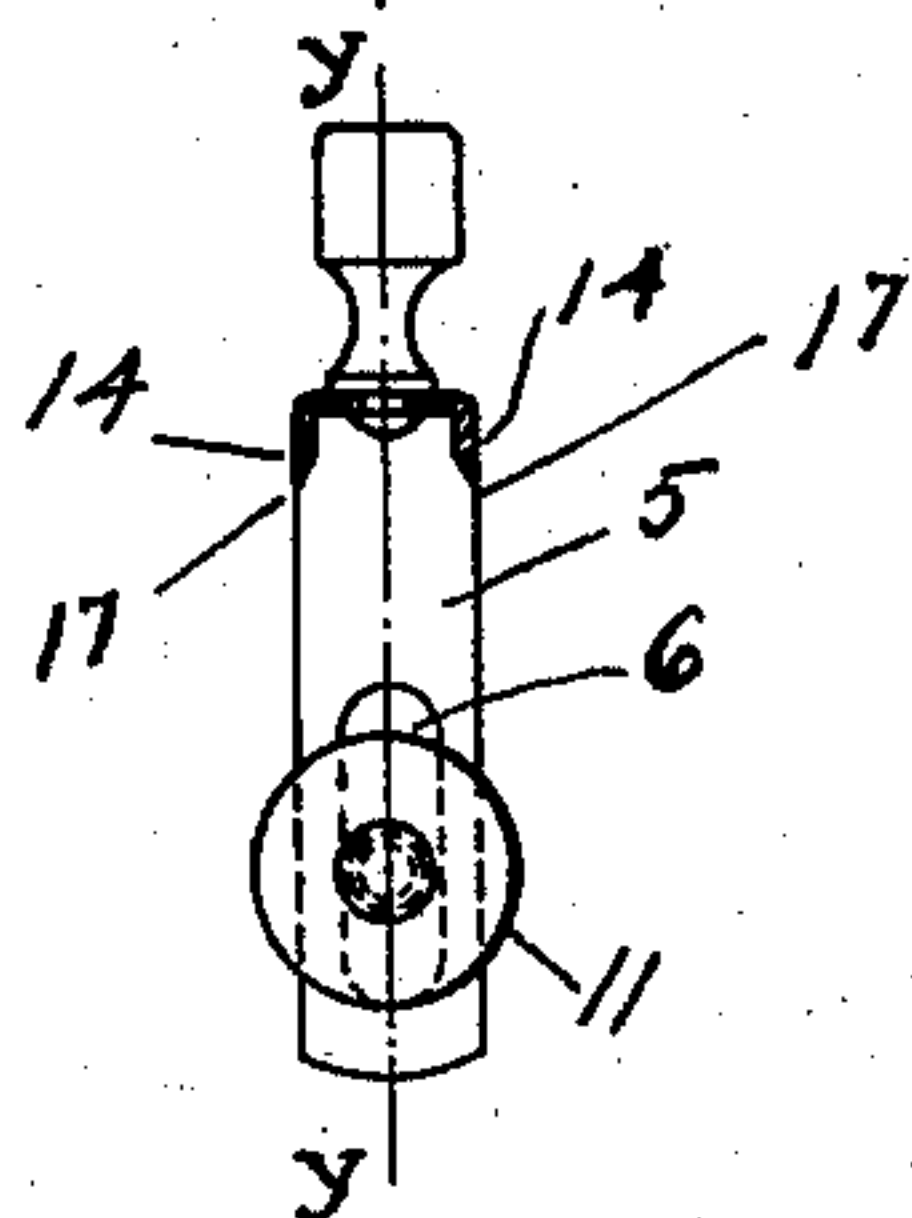


Fig. 6.

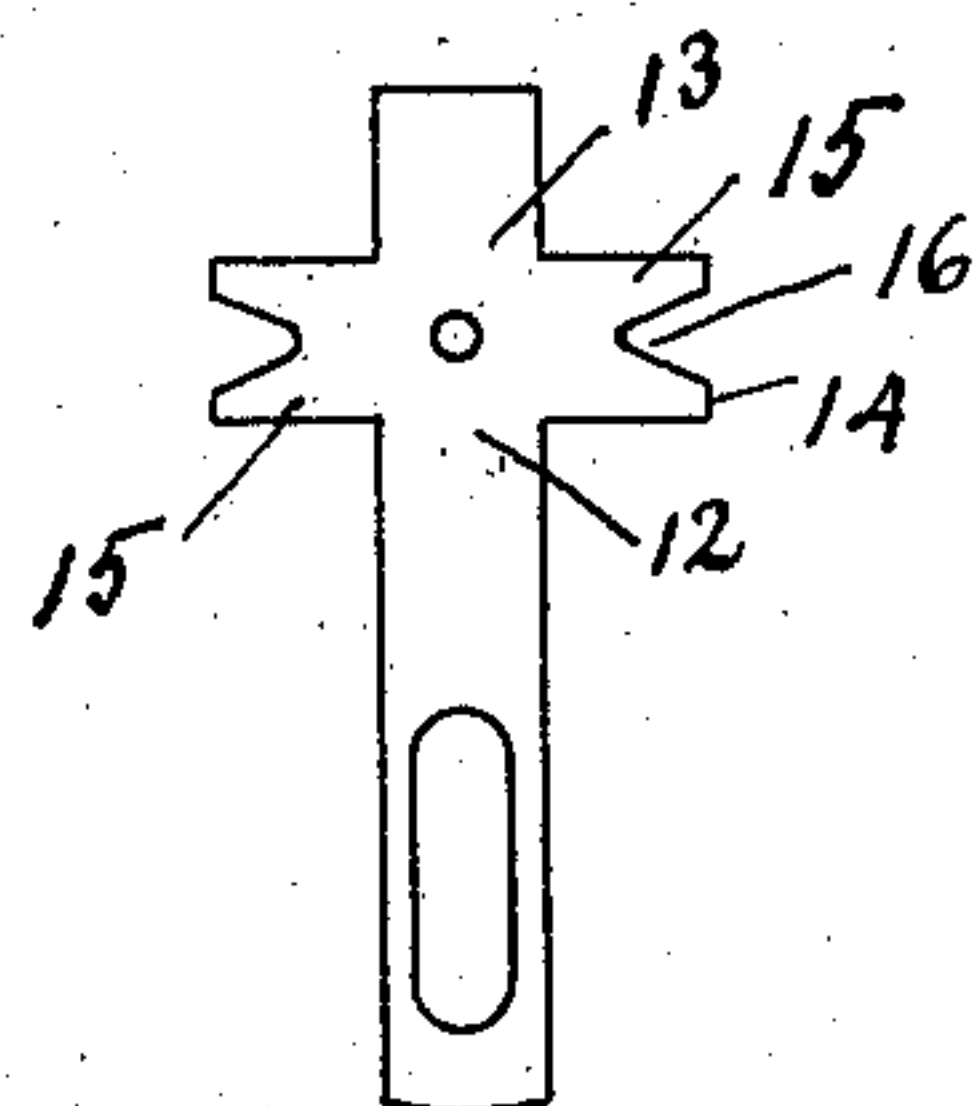


Fig. 5.

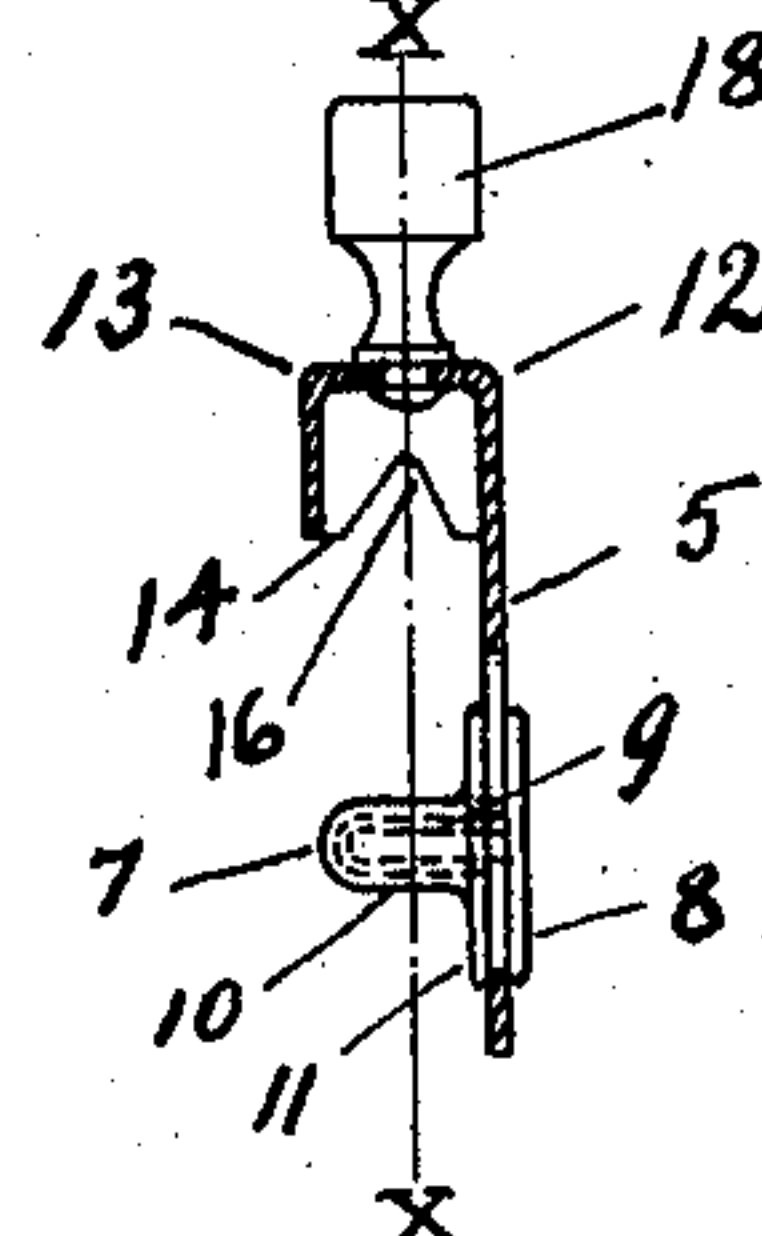


Fig. 7.

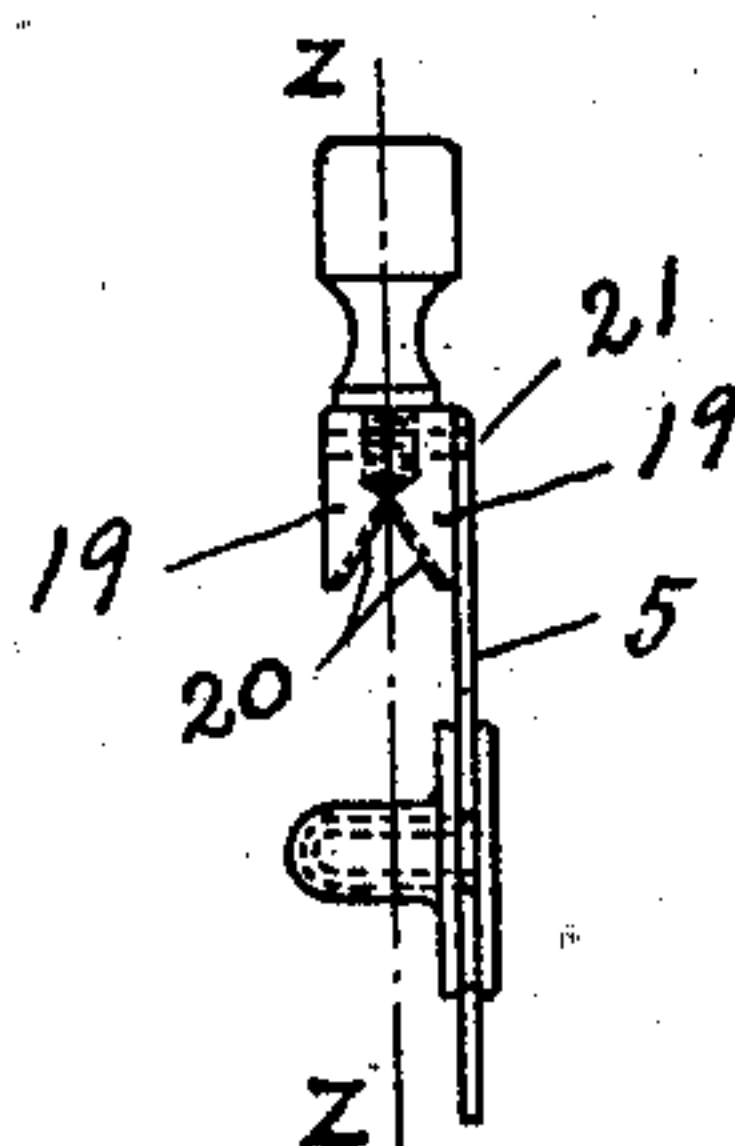
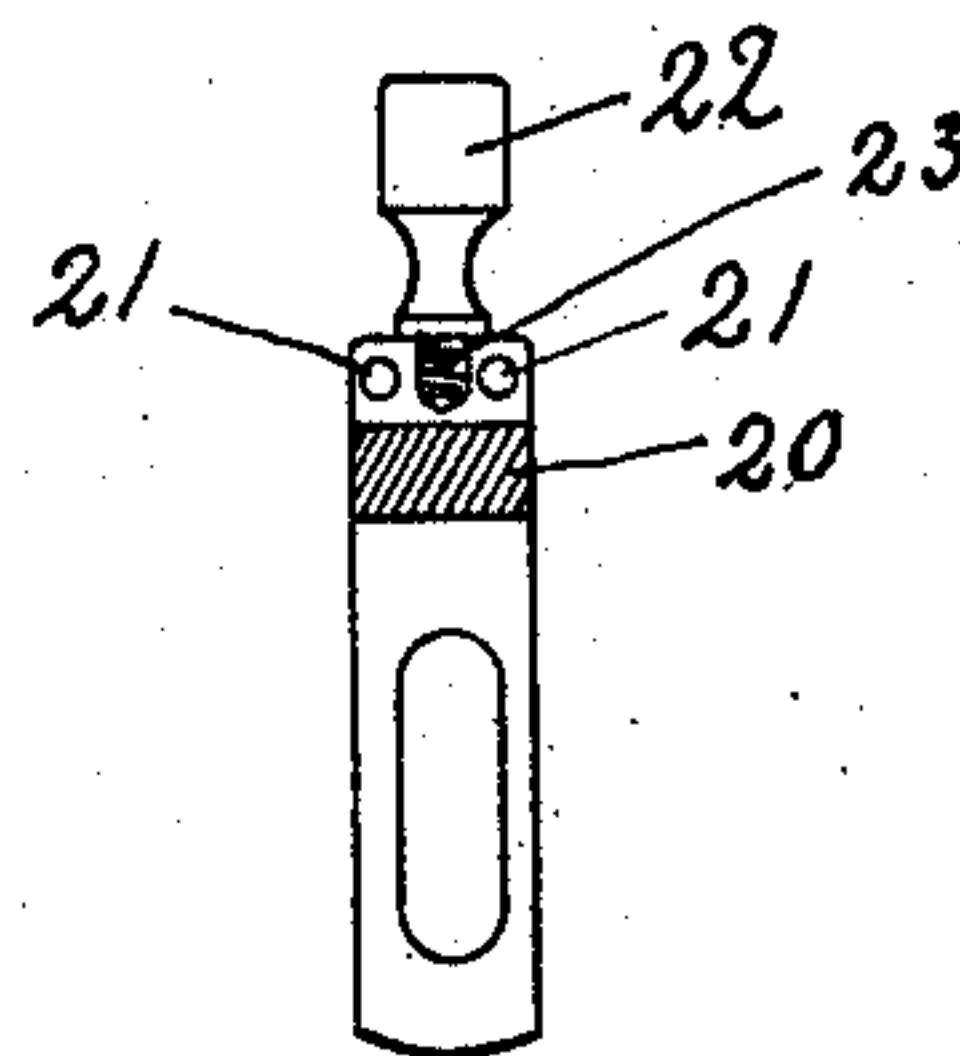


Fig. 8.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## TOOL FOR DRESSING, SHAPING, AND CLEANING RUBBER ERASERS.

No. 850,337.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed June 23, 1906. Serial No. 323,048.

*To all whom it may concern:*

Be it known that I, GILBERT H. BLAKES-  
LEY, a citizen of the United States, residing  
at Bristol, in the county of Hartford and  
State of Connecticut, have invented certain  
new and useful Improvements in Tools for  
Dressing, Shaping, and Cleaning Rubber  
Erasers; and I do hereby declare the follow-  
ing to be a full, clear, and exact description  
of the invention, such as will enable others  
skilled in the art to which it appertains to  
make and use the same.

My invention relates to a tool for dressing,  
shaping, and cleaning the edges of rubber  
erasers, and more particularly adapted for  
use with the well-known circular eraser, such  
as are in general use by type-writer opera-  
tors.

As is well known, these erasers comprise a  
metallic holder consisting of two metallic  
disks held together by a tubular rivet or eyelet,  
between which disks is clamped a circular  
ring, of rubber, which projects some distance  
beyond the peripheries of the metal disks and  
which has its peripheral edge rounded or  
formed V-shaped, so that in use a single let-  
ter of type-written matter may be erased  
without the liability of defacing the adjacent  
letters. In use, however, the peripheral  
edge of the rubber eraser becomes worn and  
dulled, as it were, so that it cannot be used to  
erase a single letter from a word without  
danger of blurring and marring adjacent let-  
ters, and, furthermore, the edge of the eraser  
becomes more or less soiled or stained with  
the anilin ink usually carried by type-  
writer ribbons, and which, unless removed,  
will smear, blur, and mar the appearance of a  
type-written sheet should it be used thereon.

The object of the present invention, there-  
fore, is to produce a simple and efficient tool  
for dressing and shaping the peripheral edge  
of a circular eraser as it becomes worn and to  
clean the surface, thus prolonging the life of  
the eraser and keeping it in good condition.

To the above ends the present invention  
consists of the improved tool which will now  
be described and claimed.

My invention is illustrated in the accom-  
panying drawings, in which—

Figure 1 shows in front elevation a circu-  
lar eraser with my improved tool applied  
thereto in position for shaping and cleaning

the edge and showing in dotted lines the  
manner of manipulating the tool. Fig. 2  
shows a view similar to Fig. 1, but turned  
around to show the opposite side. Fig. 3  
shows in side elevation the eraser and tool.  
Fig. 4 shows a vertical section view of the  
tool, taken on the dotted line *x x*, Fig. 5.  
Fig. 5 shows a vertical sectional view taken  
on the dotted line *y y*, Fig. 4, but showing the  
stud or fulcrum in elevation. Fig. 6 shows  
in plan view a blank from which my improved  
tool is manufactured. Fig. 7 shows a side  
elevation of a modified form of tool. Fig. 8  
shows a vertical sectional view on the line *z z*,  
Fig. 7.

Similar reference characters will be em-  
ployed throughout the specification and  
drawings to designate corresponding parts.

In the drawings is shown a circular rubber  
eraser of a type well known and which com-  
prises a circular rubber ring 1, clamped be-  
tween the metallic disks 2 and 3, which disks  
are held together at their centers by a tubu-  
lar rivet or eyelet 4. The eraser thus de-  
scribed is one which has long been in general  
use.

My improved dressing, shaping, and clean-  
ing tool comprises a shank portion 5, which  
near its lower end is provided with a slot 6, in  
which is freely movable a stud or fulcrum 7,  
the stud or fulcrum 7 comprising a disk 8,  
provided with a cylindrical stud 9, which  
passes through the slot 6 and enters and is  
frictionally held in a cylindrical stud 10, pro-  
jecting from a flange 11. When the parts  
are fastened together, as shown in Fig. 5, the  
flanges 8 and 11 will be upon opposite sides  
of the shank 5, and the whole stud or ful-  
crum may be freely moved along the slot 6,  
for a purpose to be hereinafter described.

At the upper end of the shank 5 there is  
located the dressing, shaping, and cleaning  
device overhanging the stud or fulcrum 7  
and formed by bending the blank at right  
angles, as shown at 12, thence again at right  
angles, as shown at 13, forming the top and  
front of a box-like structure. The box-like  
structure comprises the side walls 14, which  
are formed by bending down the wings 15.  
(See Fig. 6.) In the walls 14 are formed the  
substantially V-shaped notches 16, the edges  
of which are sharpened, as shown at 17. (See  
Fig. 4.) Attached to the top of the box-like



structure is a knob 18. In use the movable fulcrum 7 is inserted in the tubular eyelet 4 of the eraser and the shank 5 moved down or radially with relation to the peripheral edge of the eraser to bring the sharpened edges 17 in contact with the peripheral edge, whereupon grasping the knob 18 and imparting a circular movement to the device, as indicated in dotted lines, Fig. 1, at the same time pressing it in contact with the peripheral edge of the eraser, the sharpened edges 17 will scrape away the sides of the peripheral edge, thus dressing and restoring to its original shape the worn edge of the eraser and removing therefrom ink stains or other foreign matter. It will be observed that the sliding fulcrum 7 permits of the device being used with circular erasers varying somewhat in diameter, of course within the range of movement of the fulcrum 7 with relation to the shaping device carried by the shank 5, and also that this adjustment provides for the following up of the peripheral edge of the eraser as it becomes worn away.

As shown in Figs. 7 and 8, instead of forming the dressing, shaping, and cleaning device with the sharpened notches 16 it may be formed of two steel blocks 19, provided with file-surfaces 20, inclined with relation to each other, so that when the blocks 19 are fastened together by the rivets 21 and to the shank 5 the file-surfaces 20 will form a substantially V-shaped groove or channel arranged to act upon the peripheral edge of the eraser in a manner hereinbefore described. In this

form of the device the knob 22 may be secured in any suitable manner, as by providing it with a threaded shank 23, arranged to engage a threaded bearing in the blocks 19.

Having described my invention, I claim as new and desire to protect by Letters Patent of the United States—

1. A tool for dressing, shaping and cleaning rubber erasers, comprising a shank, a stud or fulcrum projecting therefrom at one end and a device carried by said shank at its opposite end for acting upon the edge of the eraser, substantially as described.

2. A tool for dressing, shaping and cleaning erasers, comprising a shank carrying at one end a stud or fulcrum arranged to have a longitudinal adjustment along said shank, a block at the other end of the shank provided with substantially V-shaped notches and a knob or handle, substantially as described.

3. A tool for dressing, shaping and cleaning circular erasers, comprising a shank carrying at one end a longitudinally-adjustable stud or fulcrum and provided at its opposite end with the overhanging substantially V-shaped sharpened edges arranged to engage the peripheral edge of the eraser, substantially as described.

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

GILBERT H. BLAKESLEY.

Witnesses:

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ALICE E. BROWN.