

No. 702,711.

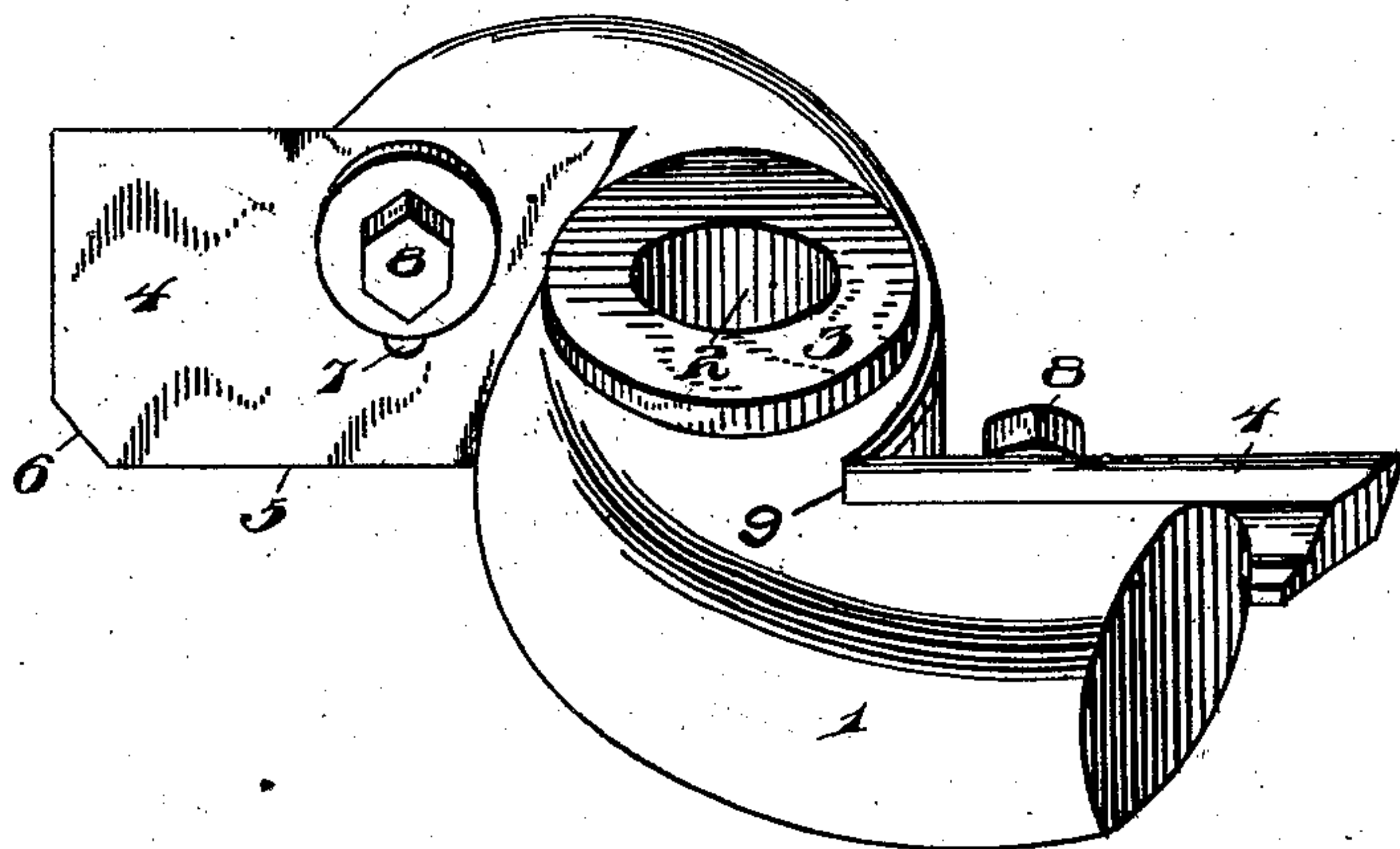
Patented June 17, 1902.

L. S. DEPOE.  
PANEL RAISER.

(Application filed Aug. 31, 1901.)

(No Model.)

*Fig. 1.*



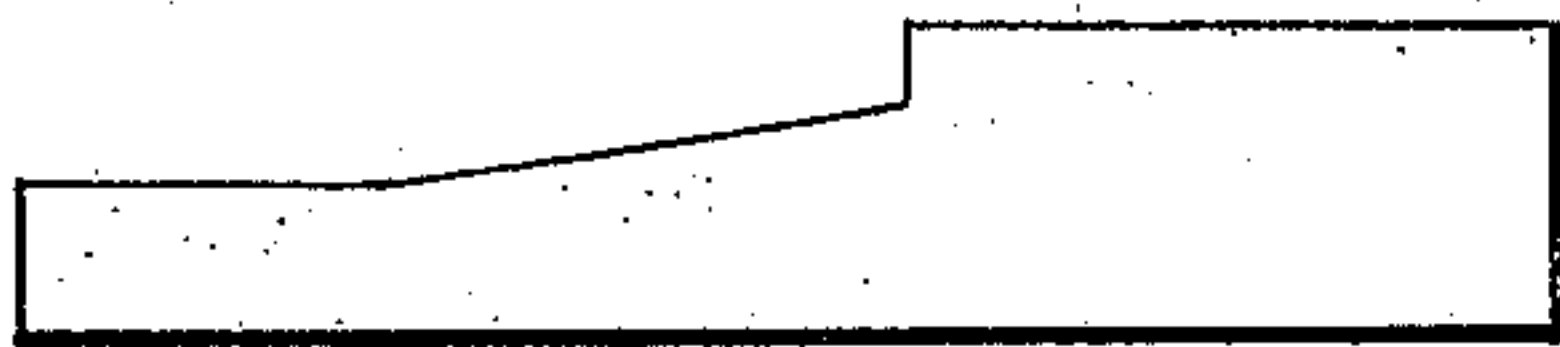
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Witnesses:

*J. R. Appleman,*  
*A. W. Bowers.*

Inventor

*L. S. Depoe.*

By

*J. C. Everett & Co.*

*Attys.*

# UNITED STATES PATENT OFFICE.

LAWSON S. DEPOE, OF WASHINGTON, PENNSYLVANIA.

## PANEL-RAISER.

SPECIFICATION forming part of Letters Patent No. 702,711, dated June 17, 1902.

Application filed August 31, 1901. Serial No. 73,902. (No model.)

*To all whom it may concern:*

Be it known that I, LAWSON S. DEPOE, a citizen of the United States of America, residing at Washington, in the county of Wash-  
5 ington and State of Pennsylvania, have invented certain new and useful Improvements in Panel-Raisers, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in panel-raisers, and has for its object the provision of novel means whereby panels of various shapes may be easily cut or produced upon doors, partitions,  
15 shutters, and the like.

The present invention is an improvement upon a patent granted to me February 20, 1900; and it consists of a novel form of holder and removable cutters.

20 The invention also aims to construct a device of the above-described class that will be extremely simple in its construction, strong, durable, and comparatively inexpensive to manufacture; furthermore, one that will be  
25 highly efficient in its operation.

With the above and other objects in view the invention further consists in the novel construction, combination, and arrangement of parts to be hereinafter more particularly  
30 described, and specifically pointed out in the claim.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and where-  
35 in like numerals of reference indicate like parts throughout the several views, in which—

Figure 1 is a perspective view of my improved panel-raiser. Figs. 2, 3, 4, and 5 are  
40 end views of different shapes and designs of panels.

In the drawings the reference-numeral 1 represents the holder, which is curvilinear in outline and is substantially S-shaped. This holder has formed therein a central opening  
45 2 for attaching the same to a driving-shaft. (Not shown in the drawings.) Said holder also carries a central boss 3.

The reference-numerals 4 4 indicate removable cutters having cutting edges 5 and 6.  
50 These cutters have formed therein slots 7 to receive set-screws 8, serving as fastening

means of securing the cutters to the holder, the slots permitting the cutters to be adjusted for the purpose of raising the panels to a higher or lower degree. The cutter-holder is  
55 substantially circular in cross-section and has a curved inclined face receiving the cutter-blades. The ends of these blades abut against the wall, as shown at 9, formed at the inner termination of the inclined faces  
60 adjacent to the central portion of the holder.

Various forms of cutters may be secured to the holder to produce styles of panels as illustrated in Figs. 2, 3, 4, and 5 of the draw-  
65 ings.

Another special advantage obtained by my improved panel-raiser resides not only in producing a clean cut, but in preventing the device from clogging, as the peculiar construction of the holder effectually carries off all the  
70 cuttings or shavings produced. Furthermore, the construction of the holder will permit the cutters to be adjusted to regulate the cut.

The many other advantages obtained by the use of my improved panel-raiser will be  
75 readily apparent from the foregoing description and by referring to the accompanying drawings.

It will be particularly noted that various changes may be made in the details of construction without departing from the general  
80 spirit of my invention.

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

A panel-raiser comprising an approximate cylindrical body portion having a bore, and provided on its upper face with a central boss, curved arms formed integral with the said  
90 body portion at diametrically opposite points, said arms being substantially circular in cross-section; and a cutter-blade adjustably mounted on the inner edge of each arm and having their inner ends abutting against the  
95 said body portion, substantially as described.

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

LAWSON S. DEPOE.

Witnesses:

JOHN NOLAND,  
H. C. EVERT.