

B. F. BALDWIN.  
GLASS CUTTER.  
APPLICATION FILED MAY 9, 1908.

915,818.

Patented Mar. 23, 1909.

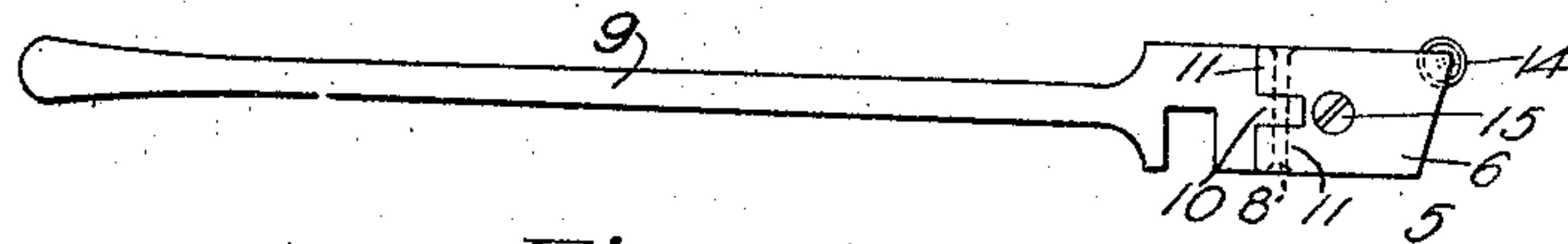


Fig. 1.

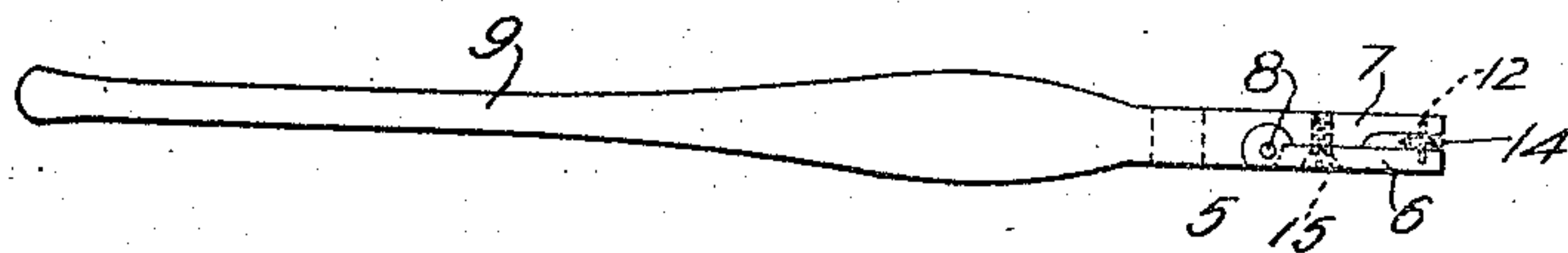


Fig. 2.

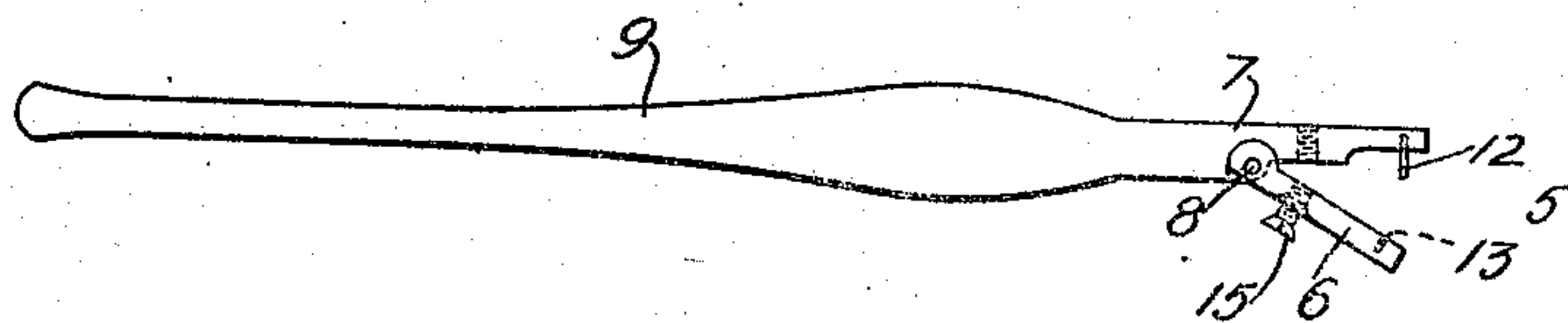


Fig. 3.

Witnesses:

Francis H. Bishop.  
Walter L. Pierce

Inventor:

Benjamin F. Baldwin  
by his attorney,  
Charles S. Gooding.

# UNITED STATES PATENT OFFICE.

BENJAMIN F. BALDWIN, OF SPRINGFIELD, MASSACHUSETTS.

## GLASS-CUTTER.

No. 915,818.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed May 9, 1908. Serial No. 431,810.

*To all whom it may concern:*

Be it known that I, BENJAMIN F. BALDWIN, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Glass-Cutters, of which the following is a specification.

This invention relates to improvements in glass cutters of the rotary wheel type, in which the holder is constructed so that the wheel can be removed therefrom and replaced by another.

The object of my invention is to provide a glass cutter of the character described in which it shall be possible to remove and replace a worn wheel in the shortest possible time and without having to take apart and put together loose parts, such loose parts being of small size are not only difficult to take apart and put together, but they are likely to be lost.

In the attainment of the object above set forth I have produced a glass cutter in which the pin on which the wheel is journaled is permanently secured to one of the parts of the holder and the screw for securing said parts together need not be detached from the holder at any time.

The invention consists in the combination and arrangement of parts set forth in the following specification and particularly pointed out in the appended claims.

Referring to the drawings: Figure 1 is an elevation of my improved glass cutter. Fig. 2 is a plan of the same. Fig. 3 is a plan of the cutter with the holder opened and the wheel removed.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 5 is a holder comprising two members 6 and 7 pivotally connected to each other by means of a rivet 8, the member 7 being provided with a handle 9 of suitable form. The member 7 is provided with an ear 10 located between two ears 11, 11 formed on the member 6. A pin 12 rigidly and permanently secured in the member 7 is adapted to enter a hole 13 formed in the member 6, said pin having journaled thereon a sharp edged wheel or cutter 14 of well known form. When the wheel 14 is in place

and the implement is in use the members 6 and 7 are secured in fixed relation to each other by means of a screw 15 extending through the member 6 and having screw-threaded engagement therewith as well as with the member 7. When it is desired to remove the wheel 14 after it has become worn and replace it by another, the screw 15 is rotated in the proper direction to disengage it from the member 7, but owing to the presence of the screw-threaded hole in the member 6, said screw remains attached to the member 6, as shown in Fig. 3, and it is entirely unnecessary to remove the same therefrom at any time.

It will be seen that there are no loose parts to put together and take apart and consequently, the removal and replacing of the cutter is a matter of a few moments and furthermore there is no danger of parts becoming lost. Furthermore, the solid rigid construction of the holder is such that it produces more perfect work owing to the fact that there are no yielding or loosely connected parts.

Having thus described my invention, what I claim and desire by Letters Patent to secure is:

1. In a glass cutter, a holder formed in two parts pivotally connected to each other, a pin fast to one of said parts and extending at right angles to the pivotal axis of said parts, a cutting wheel journaled on said pin, and means for securing one of said parts in fixed relation to the other of said parts.

2. In a glass cutter, a holder comprising two parts pivotally connected to each other, a pin fast to one of said parts and extending at right angles to the pivotal axis of said parts, a cutting wheel journaled on said pin, and a screw extending through one of said parts having screw-threaded engagement with both of said parts and adapted to secure said parts in fixed relation to each other.

In testimony whereof I have hereunto set my hand and in presence of two subscribing witnesses.

BENJAMIN F. BALDWIN.

Witnesses:

JAMES THIBAUT,  
R. A. ROYCE.