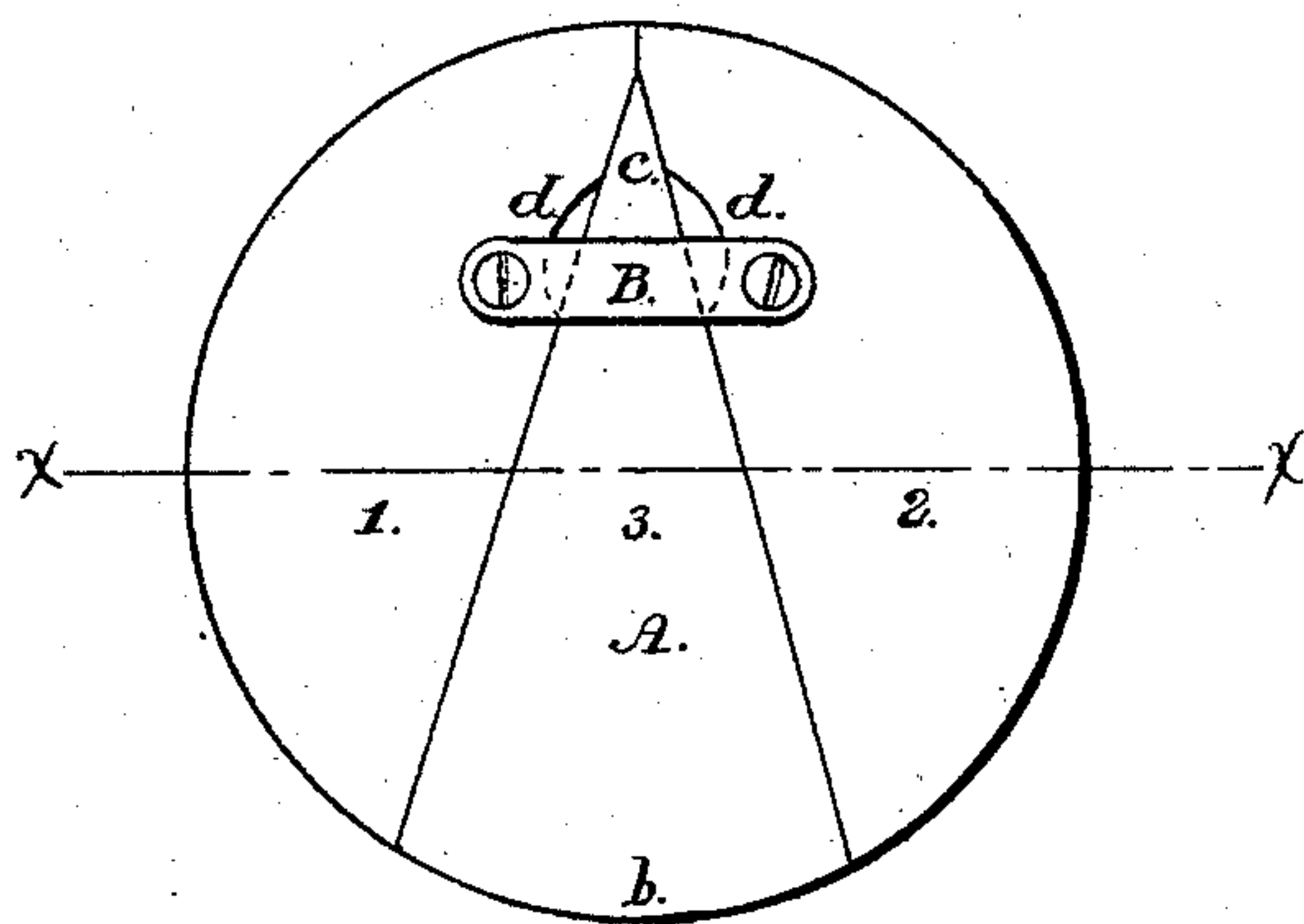


**A. HANVEY.**  
**Barrel-Heads.**

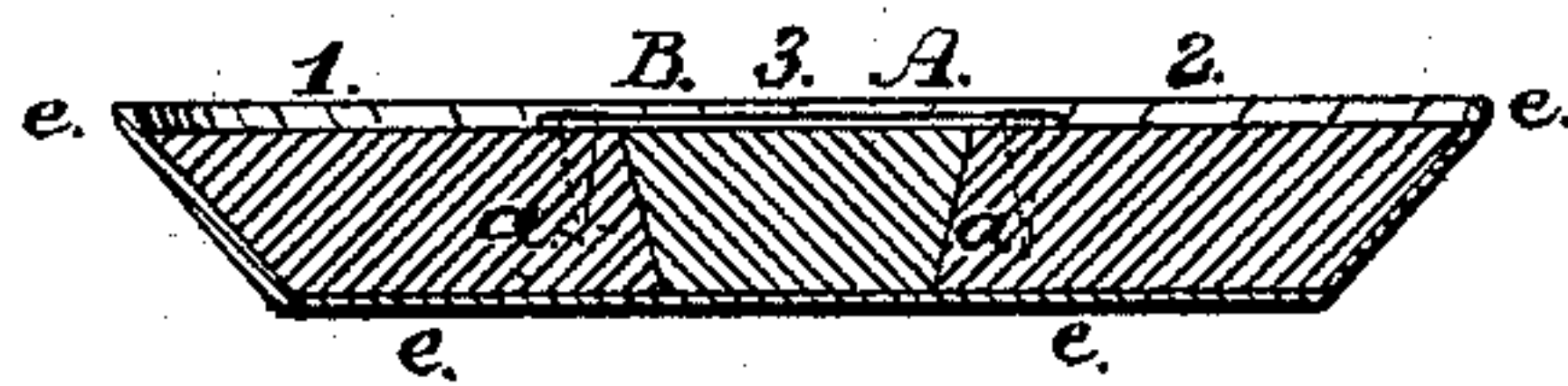
No. 143,571.

Patented Oct. 14, 1873.

*Fig. 1.*



*Fig. 2.*



Witnesses.  
William Smurthwaite.  
Jacob Hull.

Inventor.  
Alexander Hanvey.

# UNITED STATES PATENT OFFICE.

ALEXANDER HANVEY, OF STEUBENVILLE, OHIO.

## IMPROVEMENT IN BARREL-HEADS.

Specification forming part of Letters Patent No. **143,571**, dated October 14, 1873; application filed August 25, 1873.

*To all whom it may concern:*

Be it known that I, ALEXANDER HANVEY, of Steubenville, county of Jefferson and State of Ohio, have invented a Barrel-Head, of which the following is a specification:

The object of my invention is to provide a barrel-head which may be removed from a barrel or inserted into one without removing the hoops; and is constructed of three parts, viz., sections 1, 2, and 3, the jointed edges of which are beveled off, as shown in Fig. 2—sections 1 and 2 on the top side, and section 3 on the under side—for the purpose of forming a perfectly solid head, both as to inward and outward pressure, when the metallic plate B is properly affixed.

Section 3 is formed a V shape, as shown in Figure 1, the wide end of which, *b*, is fitted to enter the croze, while the pointed end *c* reaches near to the staves at the opposite side of the

barrel, and is held in place there by a metallic plate, B, crossing it near to the point, and fastened at the ends with screws in sections 1 and 2.

To remove the head from a barrel, it is only necessary to withdraw one of the screws from the metallic plate B; then turn it on the other until it clears section 3, when it may be removed with the thumb and finger at *d d*, formed for the purpose by scalloping a small recess in sections 1 and 2.

I claim as my invention—

A barrel-head constructed with overlapping joints, and in which the parts are held in place by a metallic plate, in the manner substantially as hereinbefore set forth.

ALEXANDER HANVEY.

Witnesses:

M. O. JUNKIN,  
KINSEY SWORDS.