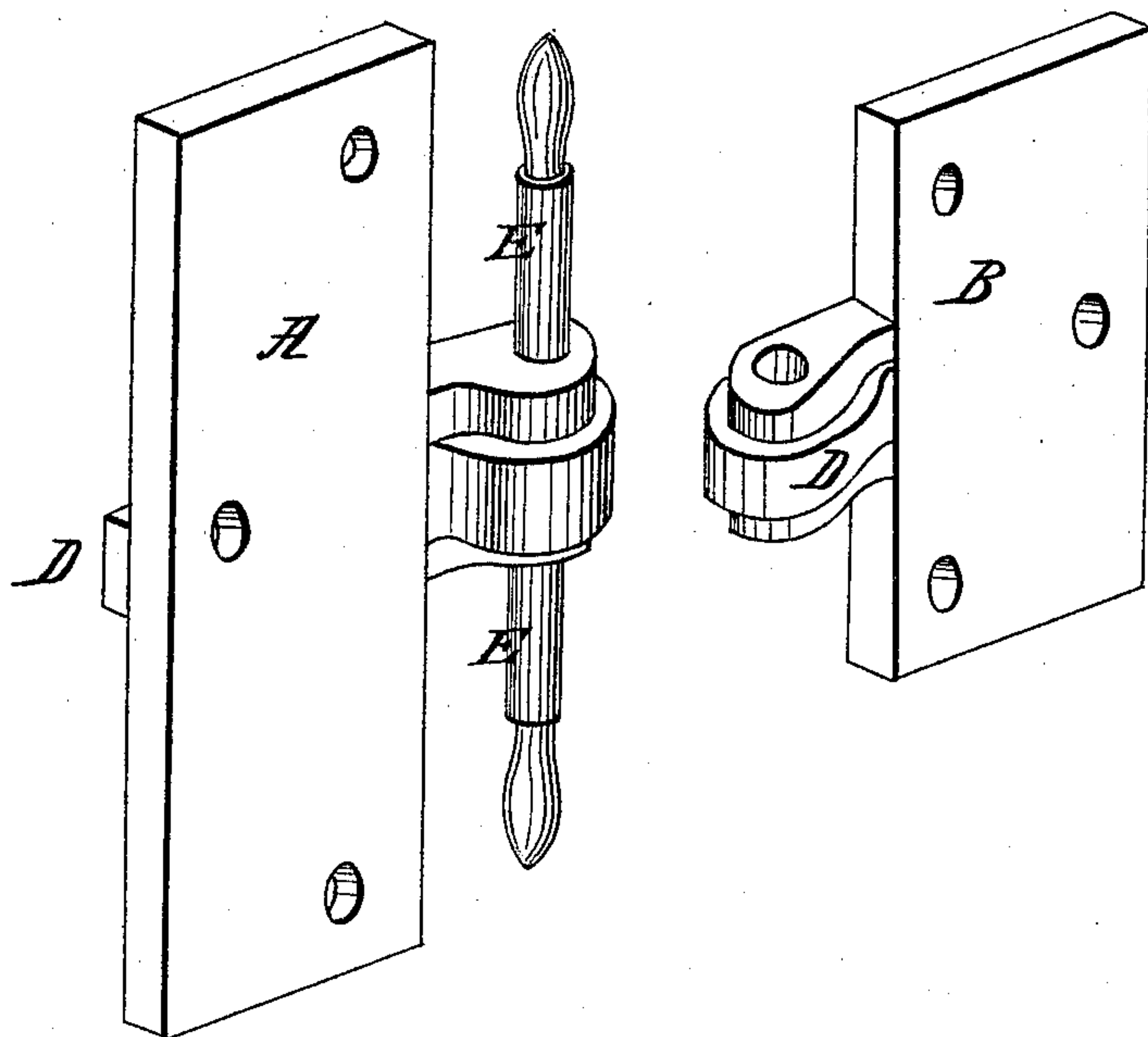


S. Ehrman,

Hinge.

N^o 31,230.

Patented Jan. 29, 1861.



Witnesses:

S. G. Musser
Jacob Stauffer

Inventor:

Samuel Ehrman

UNITED STATES PATENT OFFICE.

SAMUEL EHRLMAN, OF MOUNT JOY, PENNSYLVANIA.

HINGE.

Specification of Letters Patent No. 31,230, dated January 29, 1861.

To all whom it may concern:

Be it known that I, SAMUEL EHRLMAN, of Mount Joy, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Improvement in Loose-Jointed Hinges, Adapted for a Right or Left Handed Door, Shutter, or the Like; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

A represents that part of the hinge attached to the jamb or door or shutter frame, B, the moving piece attached to the door or shutter. The portion A, has a central-joint, through which the pivot E, passes, and in which it is permanently fixed, this pivot projects equally on both sides of the central joint, with a rounded conic head on each end as shown, being however of a uniform diameter for the length, corresponding to the thickness of the joint on B. The joint on B, is also central so that it can be slipped over the pivot on either side of the joint on A. The rounded points of the pivot, while they are ornamental, aid the operator greatly in hanging heavy doors. There may also be a molding D, cast on to each piece and carried around the joints cen-

trally to give additional strength to the hinge as shown.

A hinge that is equally adapted for a right or left hand use, loose-jointed, is highly desirable; mistakes are often made by getting the wrong article from the vague inquiry for right or left handed hinges, as that depends much how the person views the matter, thereby often causing delay and loss of valuable time to have the mistake corrected. But, with a hinge on this plan no such mistake can occur, since the hinge is precisely the same, whether used right or left, by means of the double projecting pivot E, and the central position of the joints on A and B.

I am aware that there are separate hinges, adapted for right and left handed use, and do not claim such.

What I claim as my invention and desire to secure by Letters Patent, is—

A loose-jointed hinge with a pivot E, projecting equally on both sides of the central joint of the one part A, with its conic heads, and the central joint of B, as set forth for the purpose specified.

SAMUEL EHRLMAN.

Witnesses:

S. G. MUSSER,
JACOB STAUFFER.