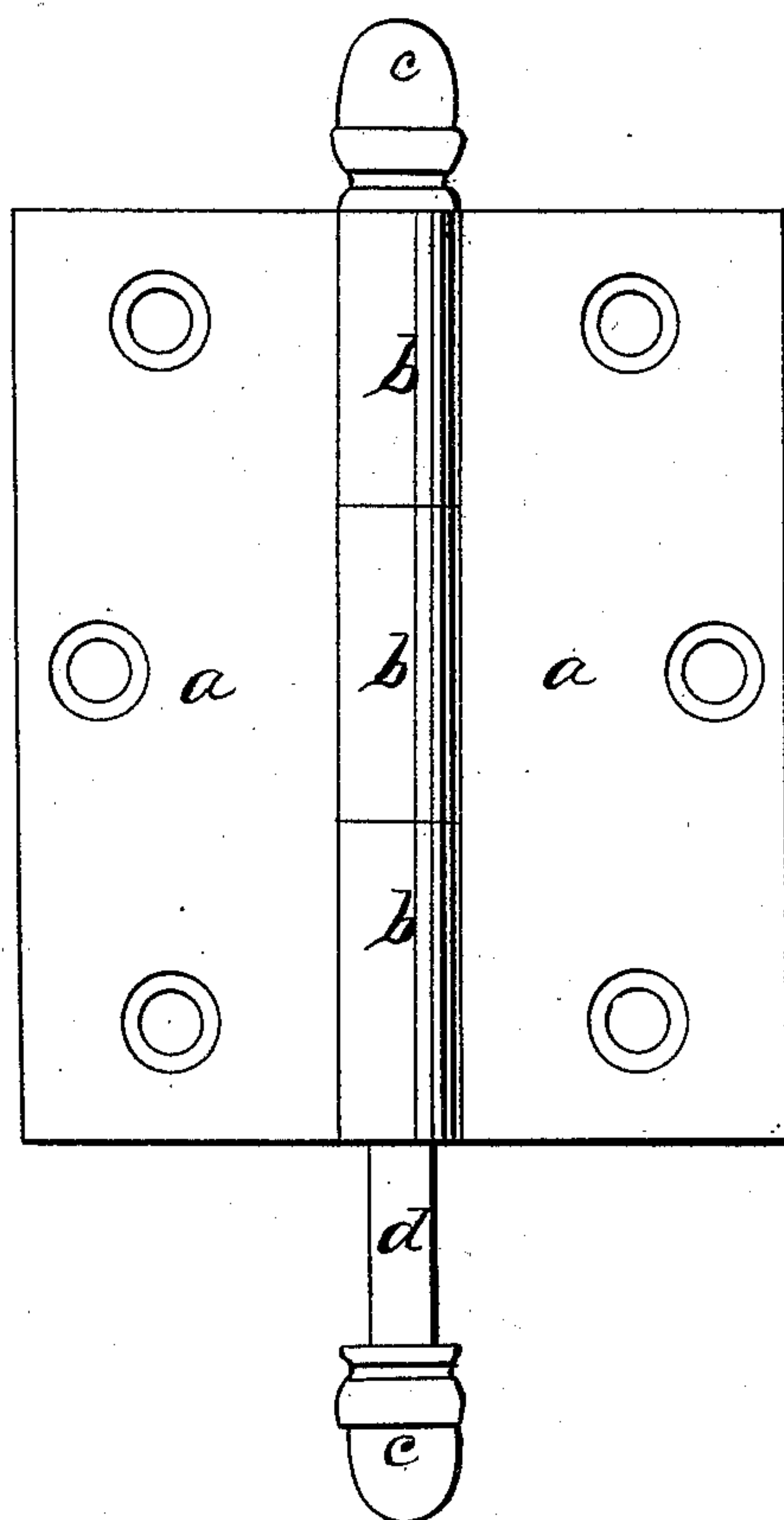


J. I. Frary,

Hinge.

No. 86,524.

Patented Feb. 2. 1869.



Witnesses

*Ernest
Jenny W. Blp*

Inventor

J. I. Frary



JAMES D. FRARY, OF NEW BRITAIN, CONNECTICUT.

Letters Patent No. 86,524, dated February 2, 1869.

IMPROVEMENT IN BUTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES D. FRARY, of New Britain, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in the Manufacture of Buts; and to enable others skilled in the art to make and use the same, I will proceed to describe its construction, referring to the letters marked thereon, indicating like parts in each of the figures.

The nature of this invention in the manufacture of buts, in contradistinction to those heretofore made, consists—

First, in making the hinge and screw-plate portion of the but much in the common way.

It further consists of an ornamental projection or acorn, cast on to one end of the hinge or joint.

It further consists in casting a corresponding projection or acorn on to one end of the joint-pin, which serves as a handle to insert or to withdraw the pin from the joint when desirable; thus producing a cheap, desirable, and ornamental loose-joint but.

In the accompanying drawings is shown a view of this invention.

a are screw-plates.

b are the joints, thus far made in the common way. *c c'* are ornamental projections or acorns, one of which is cast on to the end of the joint. The other is cast on to the loose-joint pin *d*, by means of which the pin *d* can be easily withdrawn and replaced at pleasure.

By means of this invention a loose-joint and right and left-hand but is produced; and a door hung therewith can be more easily and quickly removed and replaced; cheap of manufacture, rich, and more desirable for trade and use.

I believe I have thus shown the nature, construction, and advantage of this invention, so as to enable others skilled in the art to make and use the same therefrom.

What I claim, therefore, and desire to secure by Letters Patent, is—

The cast but, consisting of the parts *a*, *b*, *c*, and *d*, constructed in the manner herein described, as an improved article of manufacture.

JAS. D. FRARY. [L. s.]

Witnesses:

E. W. BLISS,
JEREMY W. BLISS.