

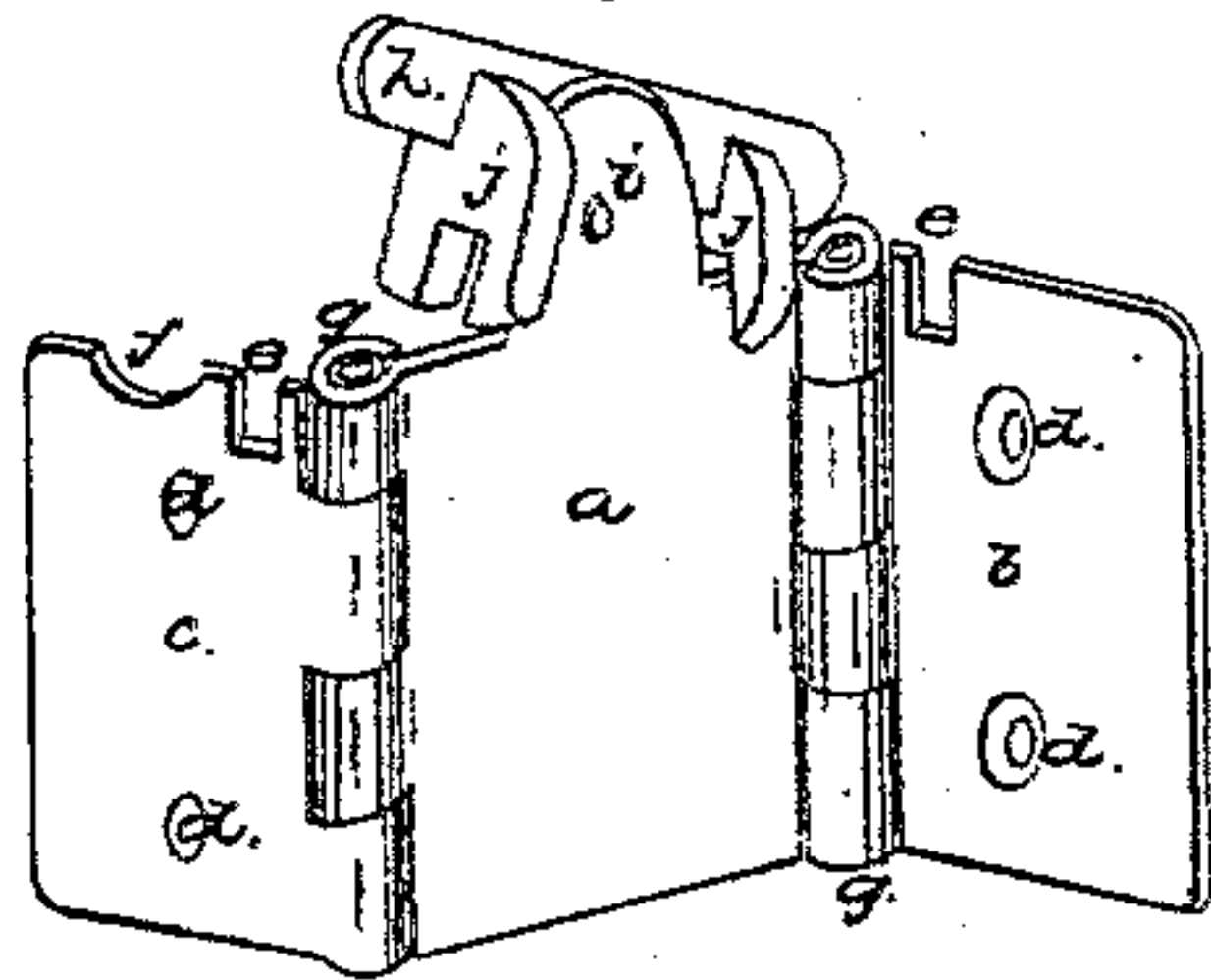
*J. H. Carkeet,*

*Lock Hinge.*

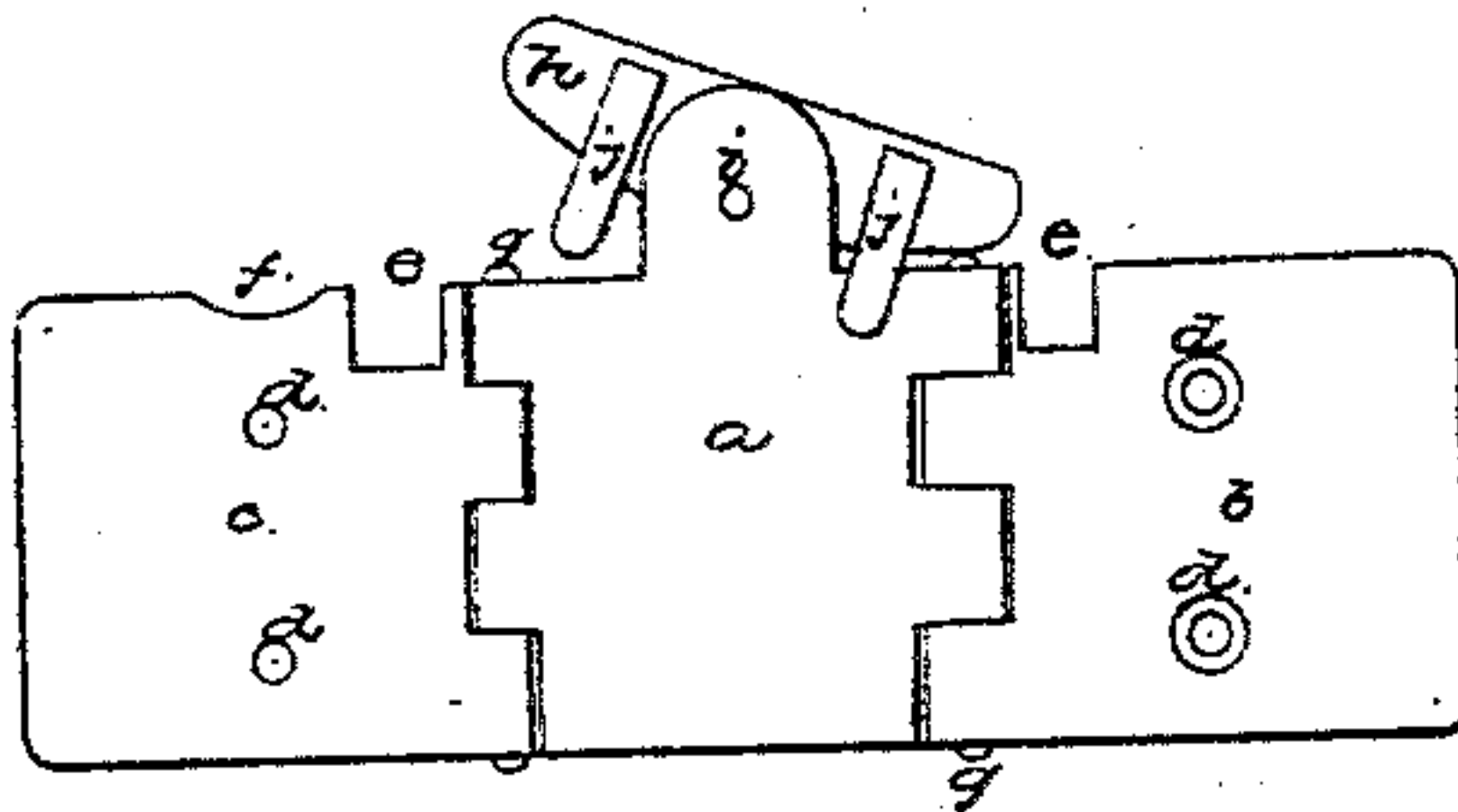
*Patented July 14, 1868.*

*N<sup>o</sup> 79,950.*

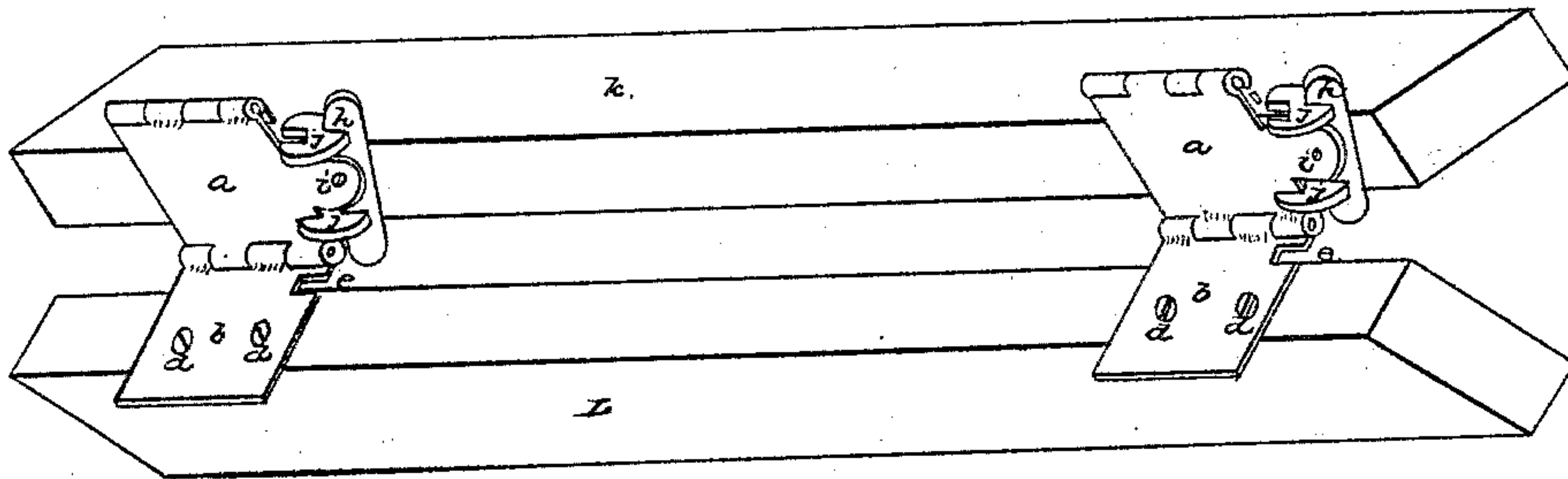
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses:*

*J. L. Davis*  
*Wm O'Brien*

*Inventor,*

*James H. Carkeet*  
*per J. E. Alexander*  
*Atty.*

# UNITED STATES PATENT OFFICE.

JAMES H. CARKEET, OF MONTGOMERY, ALABAMA.

## IMPROVEMENT IN DOUBLE-ACTING HINGES.

Specification forming part of Letters Patent No. 79,950, dated July 14, 1868.

*To all whom it may concern:*

Be it known that I, JAMES H. CARKEET, of Montgomery, in the county of Montgomery and State of Alabama, have invented certain new and useful Improvements in Double-Acting Hinges; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 represents a perspective, and Fig. 2 a longitudinal elevation of my invention. Fig. 3 is also perspective, showing the manner of attaching the hinges to the stiles and jambs of doors, &c.

The nature of this invention consists in the employment of a double-acting hinge so arranged that it will allow the door or shutter when closed to assume a parallel position with the frame or partition; and it further consists in the employment of a clutching device acting in conjunction with a hinge substantially in the manner hereinafter set forth.

To enable others skilled in the art to make and use my invention, I will now describe its construction and operation.

*a* represents a metal plate of suitable dimensions, and having its ends curved and slotted on either side, as seen in Figs. 1 and 2, so as to form a number of joints, the object of which will be referred to hereinafter.

*bb* designate two similar plates or wings, also curved and slotted in like manner, forming joints to fit in the corresponding recesses of the joints of plate *a*. Said wings are furnished with screw-holes *d d*, for the purpose of enabling them to be secured in place when desired. The plate *a* and wings *bb* are now hinged together by means of rivets or spindles *g g*, which are

inserted in the receptacles of the joints formed on them. The upper parts of the plates *a a* are formed with semicircular shoulders or projections. Said shoulders are furnished with holes, which will be referred to more particularly hereinafter.

*h h* designate two curved arms or bars, which are provided at their lower ends with clips, also provided with holes and formed or made similar to the projections or shoulders on plates *a a*, to which said clips are so pivoted that they will be allowed to have an up and down motion. These clips are furnished near their outer ends on each side with clutches or curved projections *j j*, which, when the bars or arms *h h* are raised or lowered, alternately clasp or close wings *b b* and plates *a a* together, and thus prevent them from unfolding when required.

It will be observed that one set of the wings *b b* is furnished with a slot, and curved, so as to allow the clutching device to fit in between the door and frame closely, and thus enable the door to be shut tight.

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

The pivoted arm *h*, provided with two clutches, *j j*, so arranged that either one side or the other of the hinge may be clasped, while the opposite side is free to operate, thus allowing the door or shutter to swing in or out, as may be desired, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in the presence of two witnesses.

JAMES H. CARKEET.

Witnesses:

J. M. FALKNER,  
G. A. CUSHING.