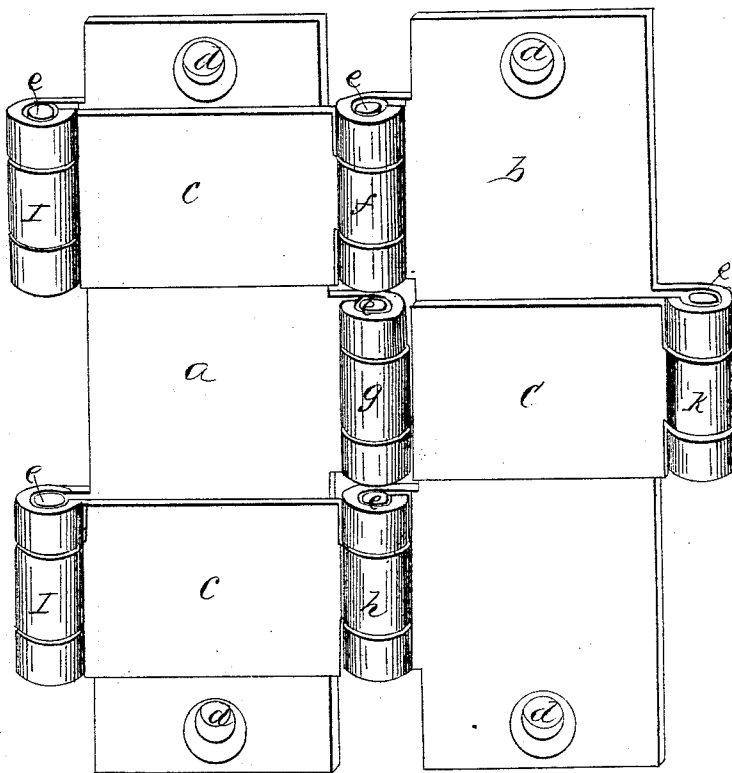


J. H. Carkeet,

Hinge.

N^o 83,760.

Patented Nov 3, 1868.



Inventor

James H. Carkeet

Per

J. C. Alexander
Att'y.

Witnesses

Hamilton W. Intyre

C. A. Carkeet
" "



JAMES H. CARKEET, OF MONTGOMERY, ALABAMA.

Letters Patent No. 83,760, dated November 3, 1868.

IMPROVEMENT IN BUT-HINGES.

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 H. CARKEET, of the city 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 the figure is a perspective view, showing its different parts.

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 or open, to assume a parallel position with the frame or partition; and it further consists in the employment of alternating folding plates, 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 and *b* represent metal plates, of suitable dimensions, having curved and slotted pieces on either side, to form a part of the hinge, as seen in the figure, so that a number of joints will be formed, the object of which will be referred to hereafter. *c c c* designate

two or more smaller plates, also curved and slotted in like manner, forming joints with the slots. Said plates are furnished with screw-holes, *d d d d*, for the purpose of enabling them to be secured in place when desired. The plates *a* and *b*, and alternating folding plates *c c c*, are now hinged together by means of rivets or spindles, *e e e e e e*, which are inserted in the receptacles of the joints formed on them.

When the door is opened, the joints of hinge, marked *f g h*, are brought into operation simultaneously, while the joints *I J K* remain inactive. When the door or shutter changes to the other side, the joints *I J K* act simultaneously, while the joints *f g h* remain inactive, thus making a greater number of acting joints between the plates *a* and *b* than inactive joints on the outer sides of plates *a* and *b*.

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

The double-acting but-hinge, constructed and arranged as described.

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

JAMES H. CARKEET.

Witnesses:

HAMILTON MCINTYRE,
G. A. CUSHING.