

S. VAN GILDER.
Butt-Hinges.

No. 139,982.

Patented June 17, 1873.

Fig. 1.

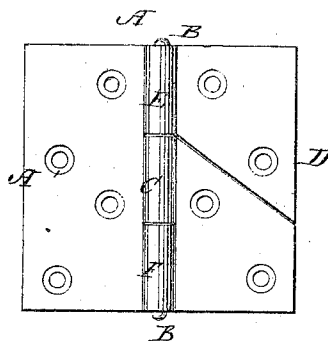
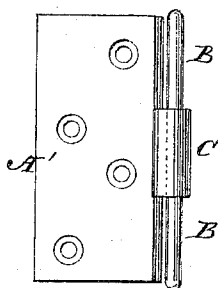


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

SOMERS VAN GILDER, OF KNOXVILLE, TENNESSEE.

IMPROVEMENT IN BUTT-HINGES.

Specification forming part of Letters Patent No. **139,982**, dated June 17, 1873; application filed May 17, 1873.

To all whom it may concern:

Be it known that I, SOMERS VAN GILDER, of Knoxville, in the county of Knox and State of Tennessee, have invented a new and useful Improvement in Butt-Hinges, of which the following is a specification:

This invention relates to the construction of hinges for hanging doors and for other purposes; and it consists in a divided leaf and in a pintle-pin fast in the other part of the hinge, the construction and arrangement being as hereinafter more fully set forth and described.

In the accompanying drawing, Figure 1 is a side view of the butt-hinge complete. Fig. 2 is a view of the pintle part of the hinge detached.

Similar letters of reference indicate corresponding parts.

A is the hinge. A' is the pintle-leaf. B is the pintle. C is the socket placed in the middle of the leaf A', in which socket the pintle is rigidly fastened. D is the divided leaf. This leaf is divided into two nearly equal parts, each part having a socket, E and F, which slips onto the pintle, as seen in the drawing.

The pintle B, it will be seen, is stationary,

and each part of the divided leaf bears its own portion of strain which ever end of the butt may be up; and the butt may be reversed as may be found convenient, so that making the butts in pairs or rights and lefts, is not necessary.

This hinge may be made of brass, iron, or other metal. It is stronger and more durable than the common hinges of the same weight, and is as readily applied to doors and for similar purposes as any of the common butt-hinges.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The leaf A', provided with the central socket C having the pintle B secured therein, in combination with the leaf D divided, as shown, into two parts, one having a socket, E, and the other a socket, F, for receiving the respective ends of the pintle, all as shown and described.

SOMERS VAN GILDER.

Witnesses:

W. C. TATUM,
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