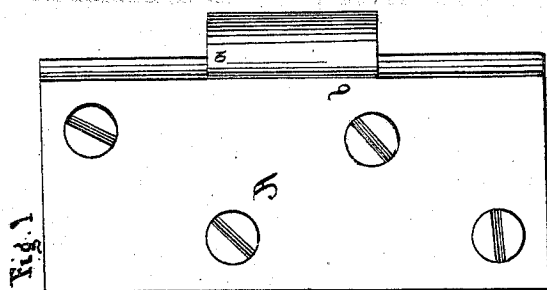
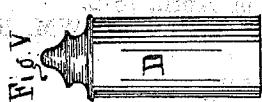
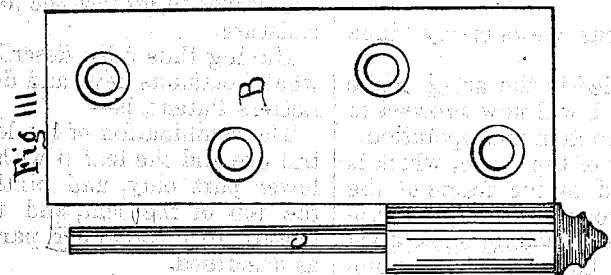
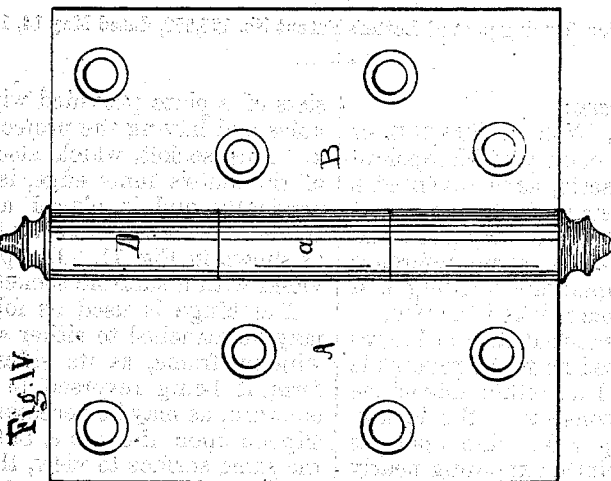
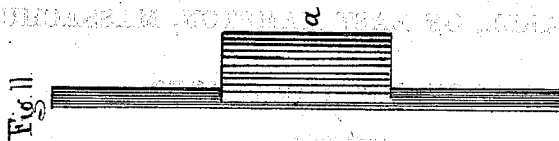


WILLIAM R. SEARLE.

Improvement in Hinges.

No. 126,650.

Patented May 14, 1872.



Witnesses

Louis C Rodere

Att'y

Inventor.

Wm R Searle

by his attorney

Gardner & Hyatt

UNITED STATES PATENT OFFICE.

WILLIAM R. SEARLE, OF EAST HAMPTON, MASSACHUSETTS.

IMPROVEMENT IN HINGES.

Specification forming part of Letters Patent No. 126,650, dated May 14, 1872.

To all whom it may concern:

Be it known that I, WM. R. SEARLE, of East Hampton, in the county of Hampshire and State of Massachusetts, have invented a new and useful Improvement in Hinges; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

This invention relates to that class of hinges which are so constructed as to be reversible or capable of being used for either side of the door or window; and consists in the combination of a leaf having a knuckle upon its lower part only and a pintle extending nearly to the top of the leaf, with a leaf having a central eye and a cap fitting loosely upon the upper part of the pintle, as will be described hereinafter.

In the drawing various views of my hinge are shown.

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

B represents the leaf of the hinge, which is designed to be attached to the frame of the door or window. It consists of a plate provided with the screw-holes countersunk upon each side, which plate has a knuckle or projection attached at its lower end, covering one-third of its inner edge. This cylindrical projection is centrally attached to the edge of the plate. To it is attached the pin or pintle *c*, which rises nearly to the upper edge of the plate. A represents the leaf which is designed to be attached to the door or blind. It con-

sists of a plate provided with suitable screw-holes and having the projecting eye or socket *a*. This socket, which also covers one-third of the plate's inner edge, is centrally located vertically, and is placed upon one side of a center line drawn vertically through the hinge, as shown in Fig. 11. D represents a cap provided with a suitable socket.

The hinge is used as follows: The part B may be attached to either side of the door or window frame, as its sides are identical in form, it being reversed to bring either side outward, as may be necessary. The part A is slipped upon the pin *c*, but presents always the same surface to view, the change of position necessary to adapt it to both sides being effected by turning it upside down. The cap D is slipped upon the upper part of the pin, and serves to protect the joint from injury by moisture.

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

The combination of the leaf A with its central eye and the leaf B with knuckle upon the lower part only, and pintle extending near the top of the leaf, and the cap D fitting loosely upon the upper part of the pintle, all as described.

This specification signed and witnessed this 15th day of April, 1872.

WM. R. SEARLE.

Witnesses:

O. L. BEACH,
L. H. ELDRIDGE.