

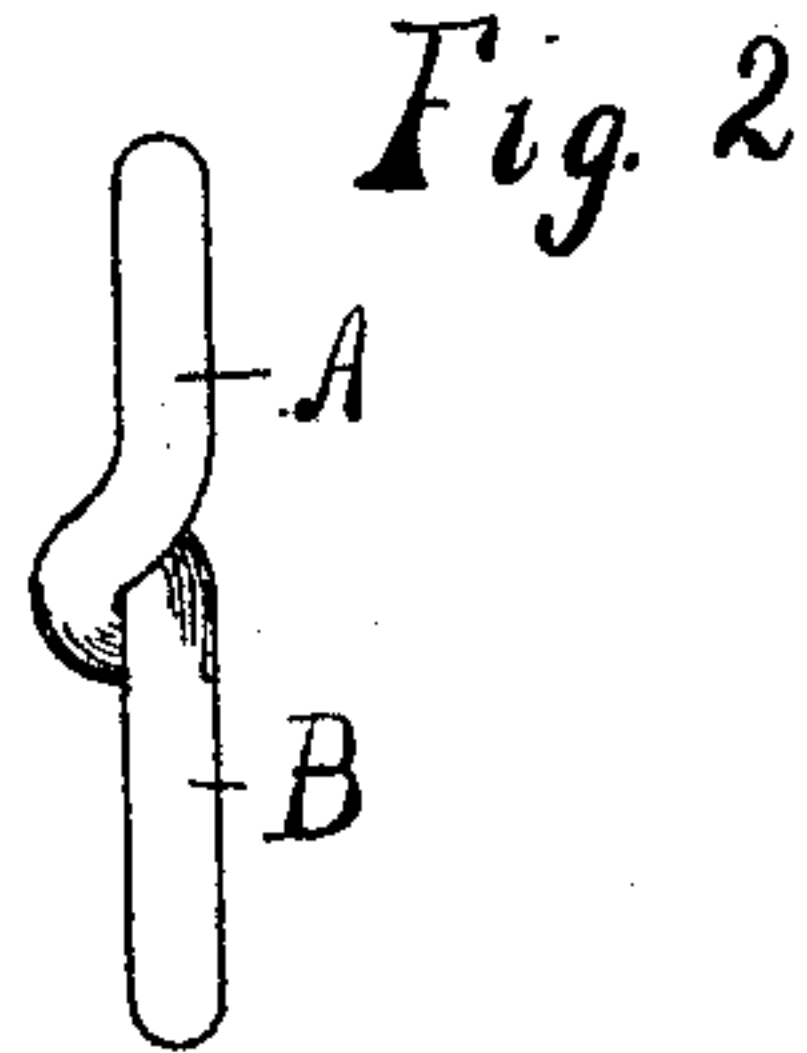
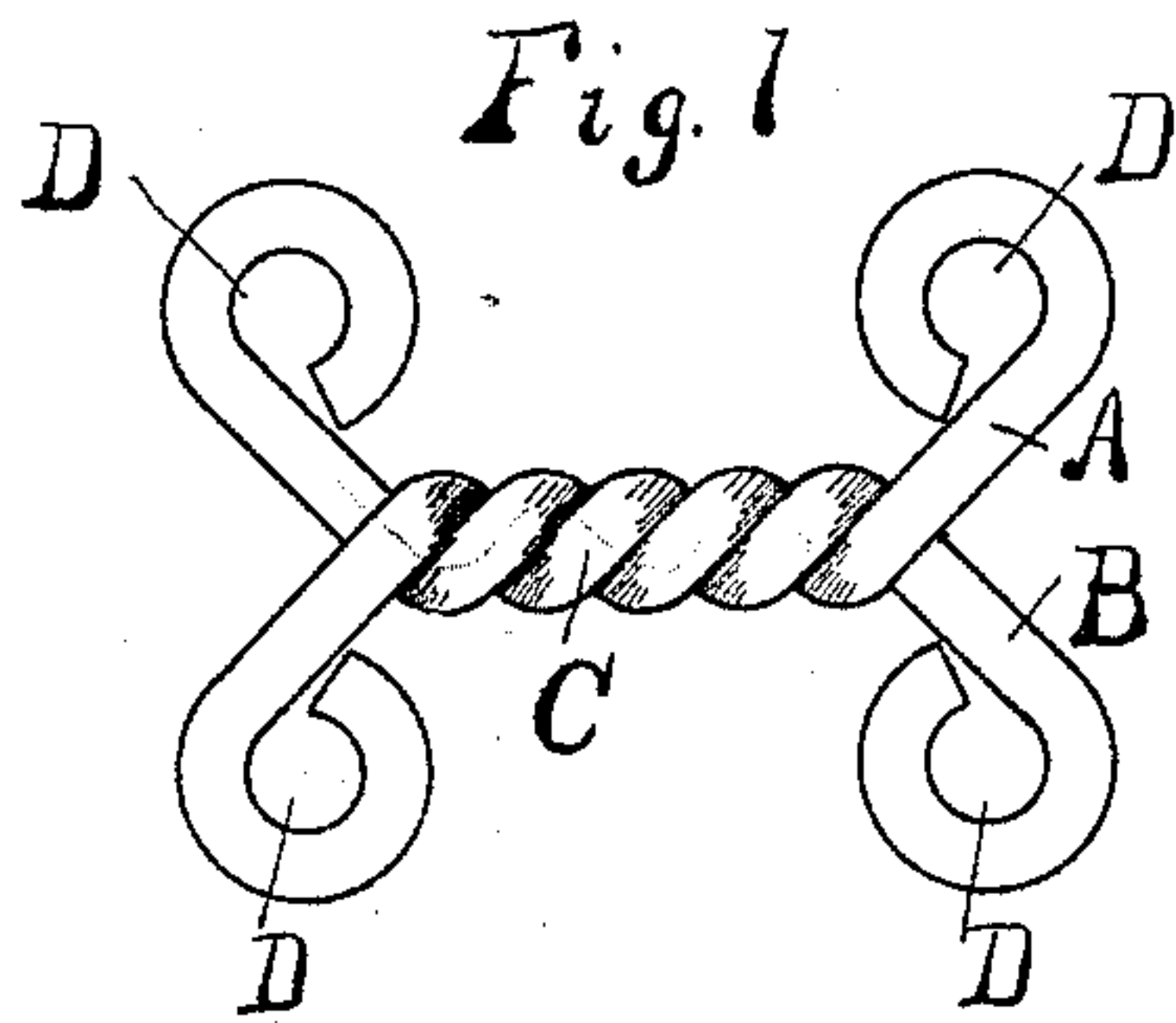
(No Model.)

W. C. PERKINS.

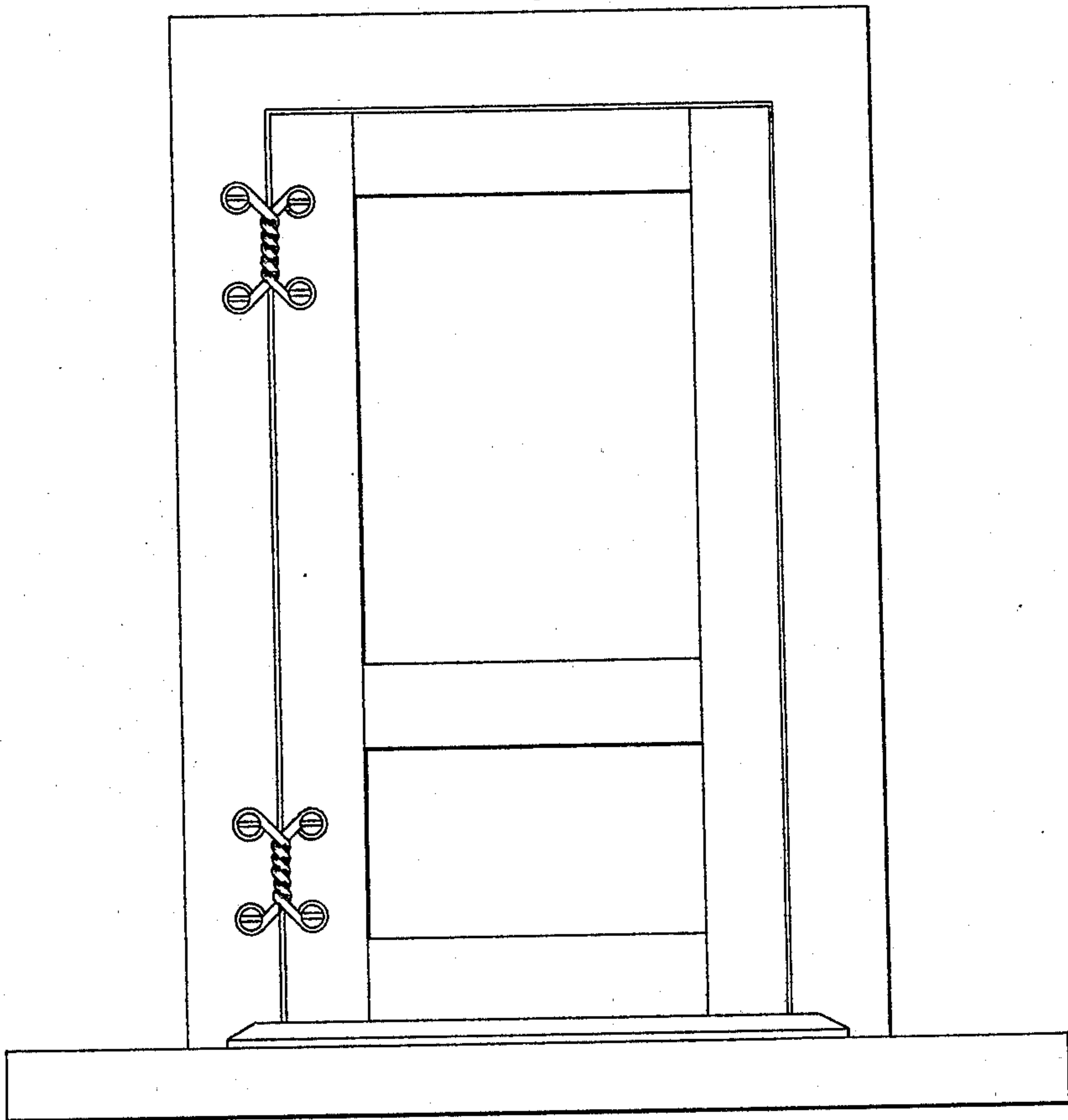
WIRE HINGE.

No. 395,403.

Patented Jan. 1, 1889.



*Fig. 3*



WITNESSES:

Geo. E. Greenleaf  
Philip Bond

INVENTOR.

William C Perkins

BY

Julius Thwiss.

ATTORNEY

# UNITED STATES PATENT OFFICE.

WILLIAM C. PERKINS, OF NEW HAVEN, CONNECTICUT.

## WIRE HINGE.

SPECIFICATION forming part of Letters Patent No. 395,403, dated January 1, 1889.

Application filed May 4, 1888. Serial No. 272,765. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM C. PERKINS, a citizen of the United States, residing in the town of New Haven and State of Connecticut, have invented new and useful Improvements in Wire Hinges, of which the following is a specification.

My invention has for its object to provide a hinge made wholly of wire.

Referring to the drawings, Figure 1 is a front view of my wire hinge. Fig. 2 is an end view of the same, and Fig. 3 shows its mode of application to a door.

In the drawings, A denotes one piece of wire, and B represents the other wire from which the hinge is formed. The central portion of these two wires is twisted closely together to form the body C of the hinge, leaving the two ends of the same piece of wire projecting outward in substantially the same plane with each other and with the body C. The extreme ends of these wires are bent, respectively, in the same plane as the body of the hinge to form eyes D, through which pass the screws used to fasten the leaves of the hinge to the parts connected by them.

It is obvious, as shown in the drawings, that

the twisted portion of the hinge resembles a screw, and that when the leaf which is fastened to the door is rotated by the act of opening the same it will screw itself up on the fixed leaf of the hinge. If attached to a door, this lifting action of the hinge raises it, and thus prevents the door from dragging over the carpet or other floor-covering.

This hinge, being made wholly of wire, can be manufactured very cheaply and yet have all the strength and efficiency of the ordinary hinge.

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

As a new article of manufacture, a hinge composed wholly of wire and consisting of two pieces of wire with their central portion twisted together and the remaining ends of each piece of wire turned outward from the center of the hinge in the same direction and plane and bent to form eyes for the reception of the screws which fasten it to the door, substantially as described.

WM. C. PERKINS.

Witnesses:

JULIUS TWISS,

WM. H. THOMPSON.