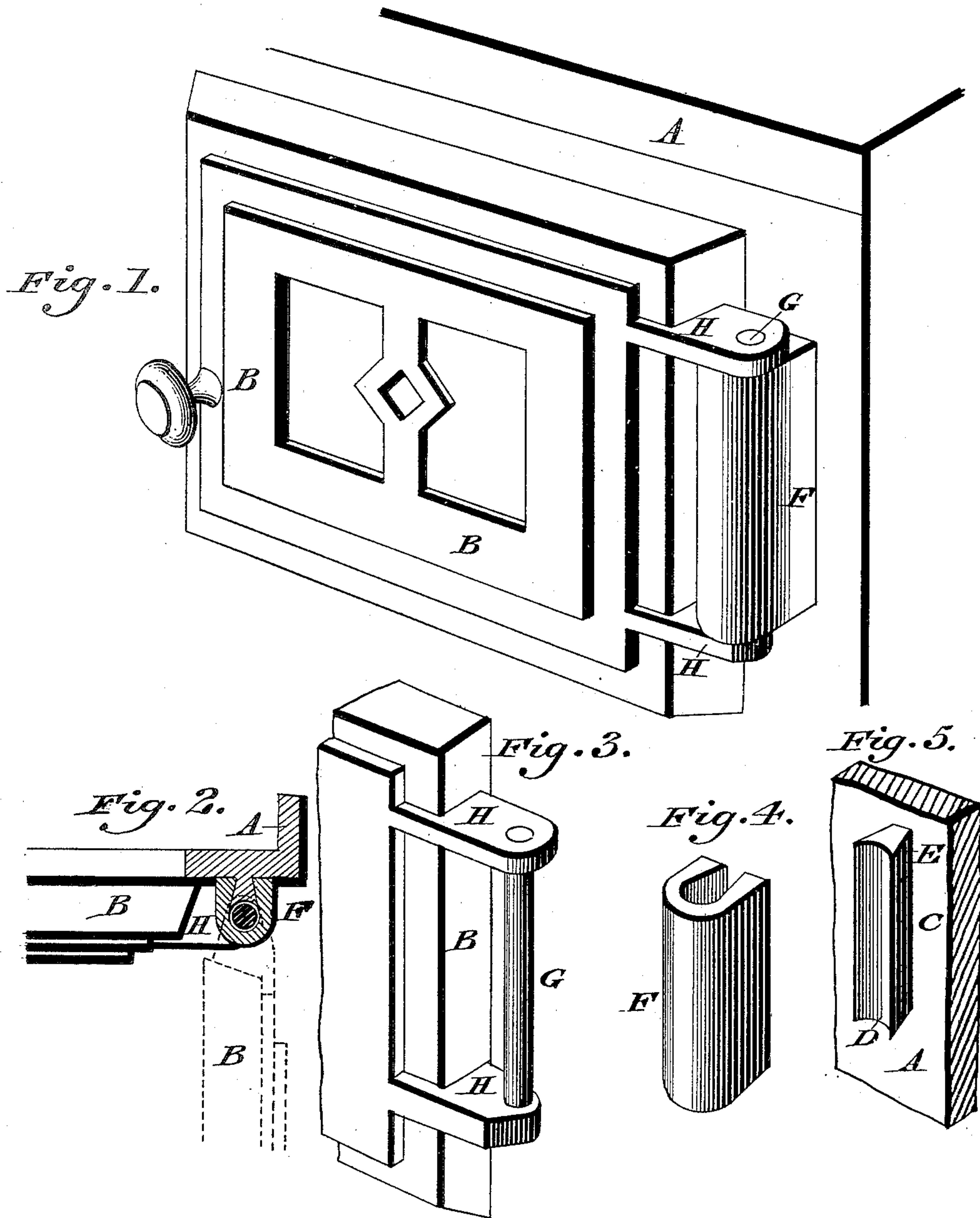


(No Model.)

C. C. HOOVER.
HINGE FOR STOVE OR OTHER DOORS.

No. 442,376.

Patented Dec. 9, 1890.



WITNESSES:

Robt. Aiton
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UNITED STATES PATENT OFFICE.

CHARLES C. HOOVER, OF ASHLAND, PENNSYLVANIA.

HINGE FOR STOVE OR OTHER DOORS.

SPECIFICATION forming part of Letters Patent No. 442,376, dated December 9, 1890.

Application filed September 12, 1890. Serial No. 364,752. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. HOOVER, a citizen of the United States, residing at Ashland, in the county of Schuylkill and State of Pennsylvania, have invented a new and useful Improvement in Hinges for Stove or other Doors, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a novel hinge for a stove or other door, as will be hereinafter set forth.

Figure 1 represents a perspective view of a door-hinge embodying my invention. Fig. 2 represents a horizontal section on line $x x$, Fig. 1. Figs. 3, 4, and 5 represent detail views of the device.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a portion of the body of a stove and B the door closing and opening therein.

To the portion A of the body is secured a tongue C, having a groove D on the outer face thereof, and the sides of the tongue are inclined, as at E, so as to permit the placing thereon of the socket-piece F, thereby forming a bearing for the pintle G of the door portion of the hinge and connecting the socket-piece with the tongue by a dovetailed or locking jaw. Said pintle is connected with the two ears H of the door and is of such diameter that in opening and closing the door it may be raised to permit the latch to pass over the nose of the keeper. The ears H extend so as to rest upon or against the tongue C, so that the door B when closed is supported on said tongue and on the keeper. The end of the other ear H at its connection with the pintle is cut away on one side, so as to permit the socket-piece F, when the door is held in a certain position, to be moved off the tongue, thereby releasing the door from the stove.

While the hinge or attaching means has been described and illustrated as for a stove-

door, I do not limit myself to such, as it may be used in connection with other doors, forming a convenient and serviceable hinge, and one readily permitting the detaching of the door from the frame to which it is secured.

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

1. A door having a pintle, and a socket-piece forming a bearing for said pintle and adapted to be detachably connected with a suitable support, said parts being combined substantially as and for the purpose set forth.

2. A door having a pintle connected therewith, a socket-piece forming a bearing for said pintle, and a tongue having a suitable support, and to which said socket-piece is adapted to be detachably secured, said parts being combined substantially as described.

3. A door having ears with a pintle connected therewith, a socket-piece forming a bearing for said pintle, and a tongue having a suitable support, and to which said socket is adapted to be detachably secured, one of the said ears at its connection with the pintle abutting against the end of the tongue, said parts being combined substantially as described.

4. The combination of a grooved tongue, a door with a pintle, and a socket-piece adapted to be detachably secured to said tongue, said tongue and socket-piece forming a bearing for said pintle, substantially as described.

5. A door with a pintle, a tongue having a suitable support, and a socket-piece detachably connected with said tongue, said tongue and socket-piece forming a bearing for said pintle, and the pintle being of such diameter as to permit a slight raising of the outer end of the door, said parts being combined substantially as described.

CHARLES C. HOOVER.

Witnesses:

JOS. H. DAVIDSON,

HENRY HOOVER.