

(No Model.)

P. SCHEER & J. G. STATES.

HANDLE FOR SLIDING DOORS.

No. 398,978.

Patented Mar. 5, 1889.

Fig. 1

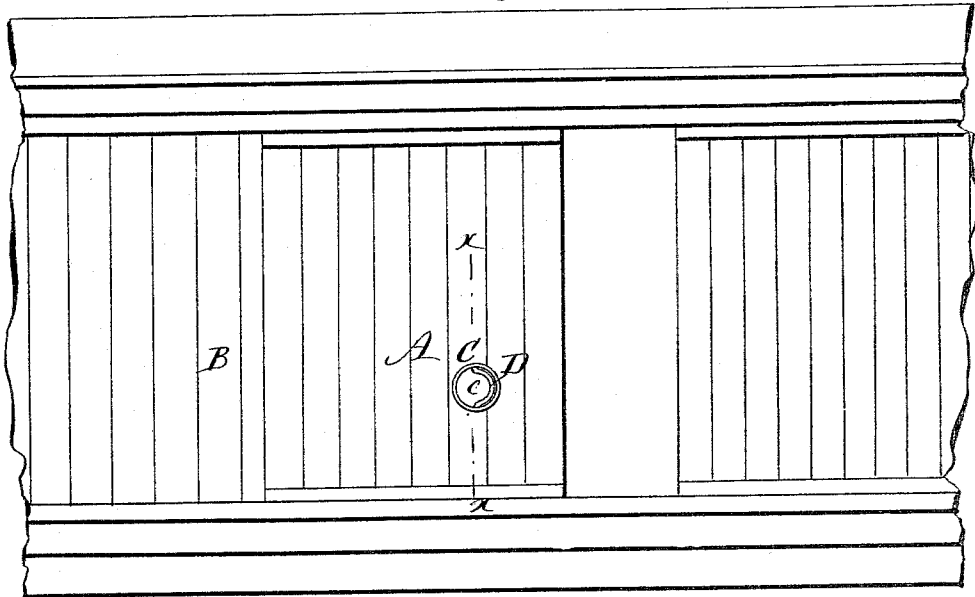


Fig. 2

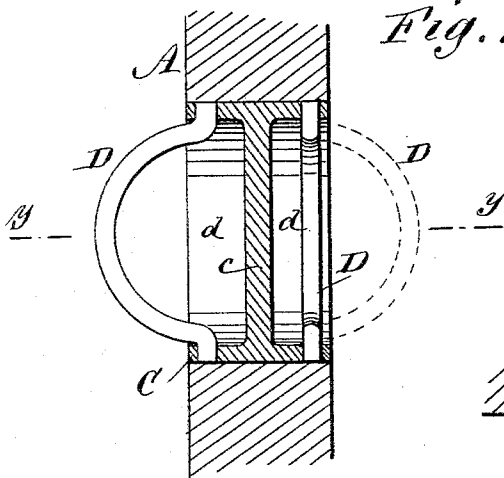


Fig. 3

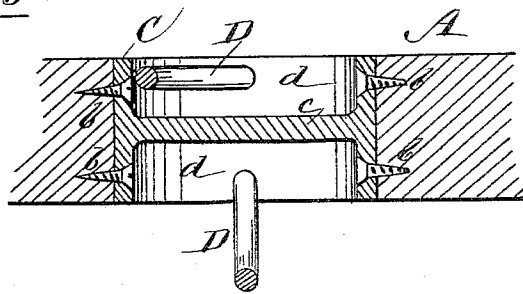
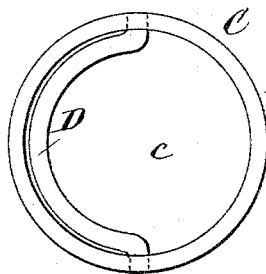


Fig. 4



WITNESSES:

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UNITED STATES PATENT OFFICE.

PETER SCHEER AND JOHN G. STATES, OF BLISS, NEBRASKA.

HANDLE FOR SLIDING DOORS.

SPECIFICATION forming part of Letters Patent No. 398,978, dated March 5, 1889.

Application filed July 27, 1888. Serial No. 281,188. (No model.)

To all whom it may concern:

Be it known that we, PETER SCHEER and JOHN GRAHAM STATES, both of Bliss, in the county of Holt and State of Nebraska, have invented a new and useful Improvement in Handles for Sliding Doors and other Structures, of which the following is a full, clear, and exact description.

This invention, which is mainly designed to be applied to sliding doors, but which is also applicable to other doors and purposes, including sliding structures of various kinds, is constructed upon the general principle of those drawer-pulls in which the handle is in the form of a hinged ring pivoted to a concave or recessed plate, so as to close inside of the same.

Our invention, however, essentially differs from such devices in its peculiar construction and in the hollow or recessed device which carries the handle, being provided with separated and distinct handles capable of operation from opposite sides of the door or structure for moving the latter from either side, and in its application to a sliding door working in and out of a fixed case, which is the application illustrated in the drawings, so that both handles will sit down to their places within the door, and thus be relieved from striking the case or be self-adjusting to their closed portions within the door if striking the case, substantially as hereinafter described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a one side or face view of a sliding door with its case in part having our double handle attachment applied; Fig. 2, a section, on an enlarged scale, upon the line *xx* in Fig. 1, showing one of the handles turned out and the other shut or turned in, but representing by dotted lines the position of the latter when turned out for use. Fig. 3 is a section at right angles to Fig. 2 upon the line *yy* in said figure, and Fig. 4 a face or end view of the handle device detached from the door.

A indicates a sliding door, and B the case or casing in which said door works.

C is a circular band, of metal or other suitable material, forming a part of the handle

device or attachment. This band, which may be of any desired depth according to the thickness of the door, is inserted in the door by simply boring a hole through the latter, after which it may be secured therein by screws *b*, or otherwise. Said band is divided in a transverse direction to its axis by a partition, *c*, which may be cast integral with the band. Upon opposite sides of this partition *c* the band is fitted with two hinged or pivoted loop-shaped independent handles, *D D*, arranged so that they may either be adjusted or turned out beyond the surface of the door to afford facility for operating the door, or so that they may be shut or swung into the band within the door on either or opposite sides of the partition *c*, against which, when shut in, they may rest, and are out of the way from coming in contact with the door-casing when shoving the door back by their being wholly within the cavities or spaces *d d* in the band formed by the partition *c*, and even if either handle should swing round or out, so as to strike the casing, it will readily swing in out of the way again.

The partition *c* not only strengthens the band and assists in closing the opening in the door made to receive the band, but keeps the two handles from interfering with one another, and the whole device forms a cheap and ready handle device for sliding or operating the door from either side.

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

1. A handle attachment for sliding doors and for other analogous uses, consisting of a circular band open at its opposite ends and handles pivoted to said band and arranged to close into the opposite end portions thereof, substantially as specified.

2. The within-described handle attachment for sliding doors and for other analogous uses, consisting of the circular band *C*, open at its opposite ends, but closed by a partition, *c*, in its center, and the handles *D*, pivoted to said band on opposite sides of said partition and adapted to close within the band, as set forth.

PETER SCHEER.
JOHN G. STATES.

Witnesses:

JOHN H. DIERKS,
EMORY STANHOPE.