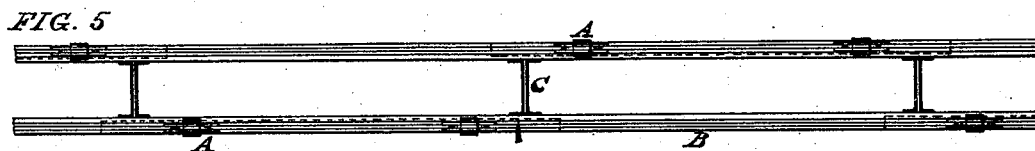
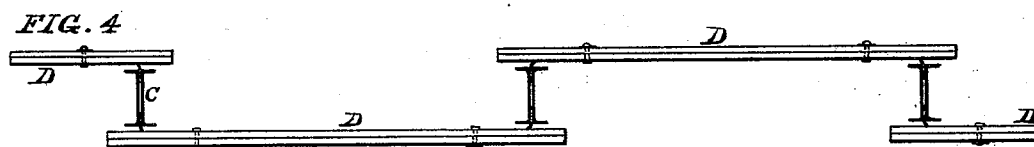
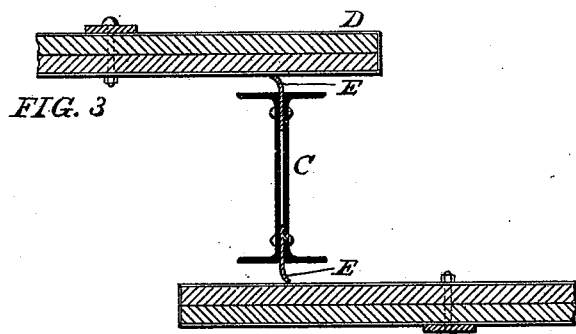
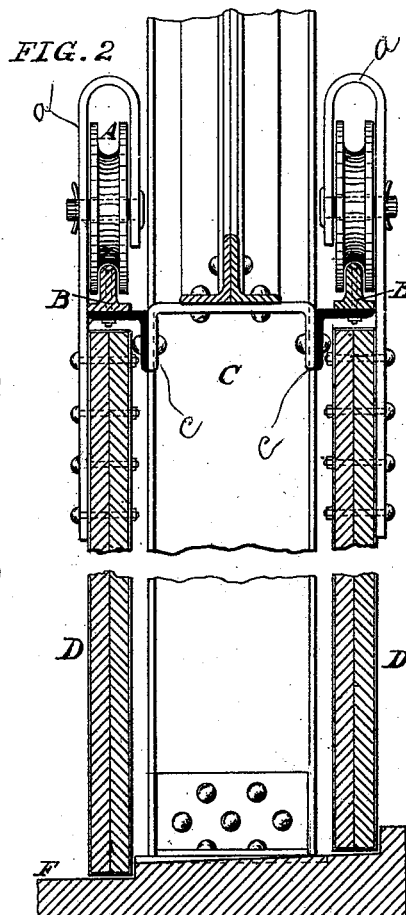
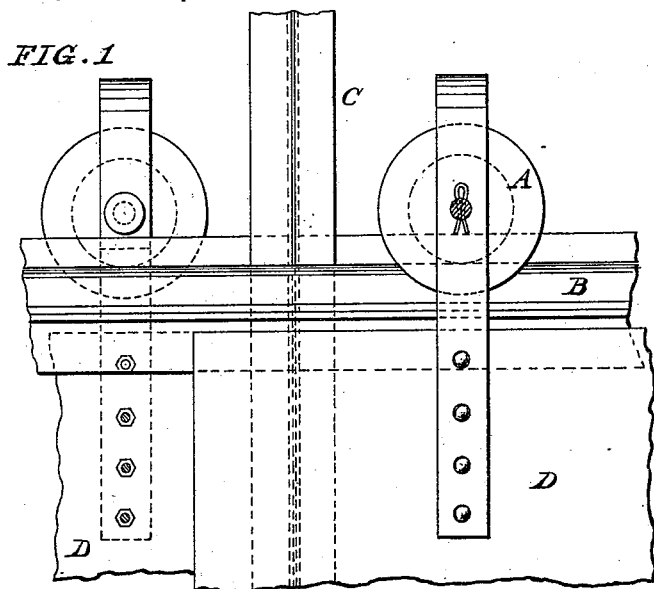


(No Model.)

C. O. BROWN.
SLIDING DOOR.

No. 421,547.

Patented Feb. 18, 1890.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES O. BROWN, OF NEW YORK, N. Y.

SLIDING DOOR.

SPECIFICATION forming part of Letters Patent No. 421,547, dated February 18, 1890.

Application filed March 29, 1889. Serial No. 305,300. (No model.)

To all whom it may concern:

Be it known that I, CHARLES O. BROWN, of the city, county, and State of New York, have invented certain new and useful Improvements in Sliding Doors, of which the following is a specification, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention is applicable to buildings, sheds, cars, or any other place to the sides or ends of which ready access is desired; and it consists in the details of construction and arrangement hereinafter specified.

In the accompanying drawings, Figure 1 is a side elevation showing the top of two doors with the wheels carrying said doors, together with the supporting-posts, tracks, &c. Fig. 2 is a vertical transverse section of Fig. 1. Fig. 3 is a sectional plan showing the posts, doors, and weather-strips. Fig. 4 is a plan showing the lower parts of the doors and posts. Fig. 5 is a similar view showing the upper parts of the doors and posts above the track.

Similar letters of reference indicate similar parts in the respective figures.

A A are sheaves journaled in suitable supports *a*, securely attached to the upper portions of the doors D.

B B are the tracks on which the sheaves run. These tracks are supported on angle-irons *c*, secured to the upper portions of the posts C, located at a suitable distance from each other to form a series of doorways. The tracks B are continuous and on opposite sides of the posts C, the doors D being arranged alternately on the opposite tracks, as shown in Fig. 4, and adapted to close all the doorways formed by the posts C.

F represents a sill, and E weather-strips secured to the posts C and projecting beyond them so as to come in contact with the doors D.

It will be observed that each of the doors D can be moved in either direction, and that an opening can be made at any point in the space closed by said doors.

Having described my invention, I claim—

1. The combination, with a series of posts forming doorways, of tracks secured on opposite sides of said posts, sheaves running on said tracks and doors suspended from said sheaves, the doors being arranged alternately on the opposite tracks and adapted to close all the doorways, substantially as specified.

2. The combination, with a series of posts forming doorways and angle-irons secured to their upper ends on opposite sides, of tracks supported by said angle-irons, sheaves running on said tracks and doors suspended from said sheaves, the doors being arranged alternately on the opposite tracks and adapted to close all the doorways, substantially as specified.

3. The combination, with a series of posts forming doorways, of the tracks supported by said posts, sheaves running on said tracks, doors suspended from said sheaves, the doors being arranged alternately on the opposite tracks and adapted to close all the doorways, and weather-strips secured to the posts and engaging the doors, substantially as specified.

CHAS. O. BROWN.

Witnesses:

W. G. A. MILLAR,
PETER WALTHER.