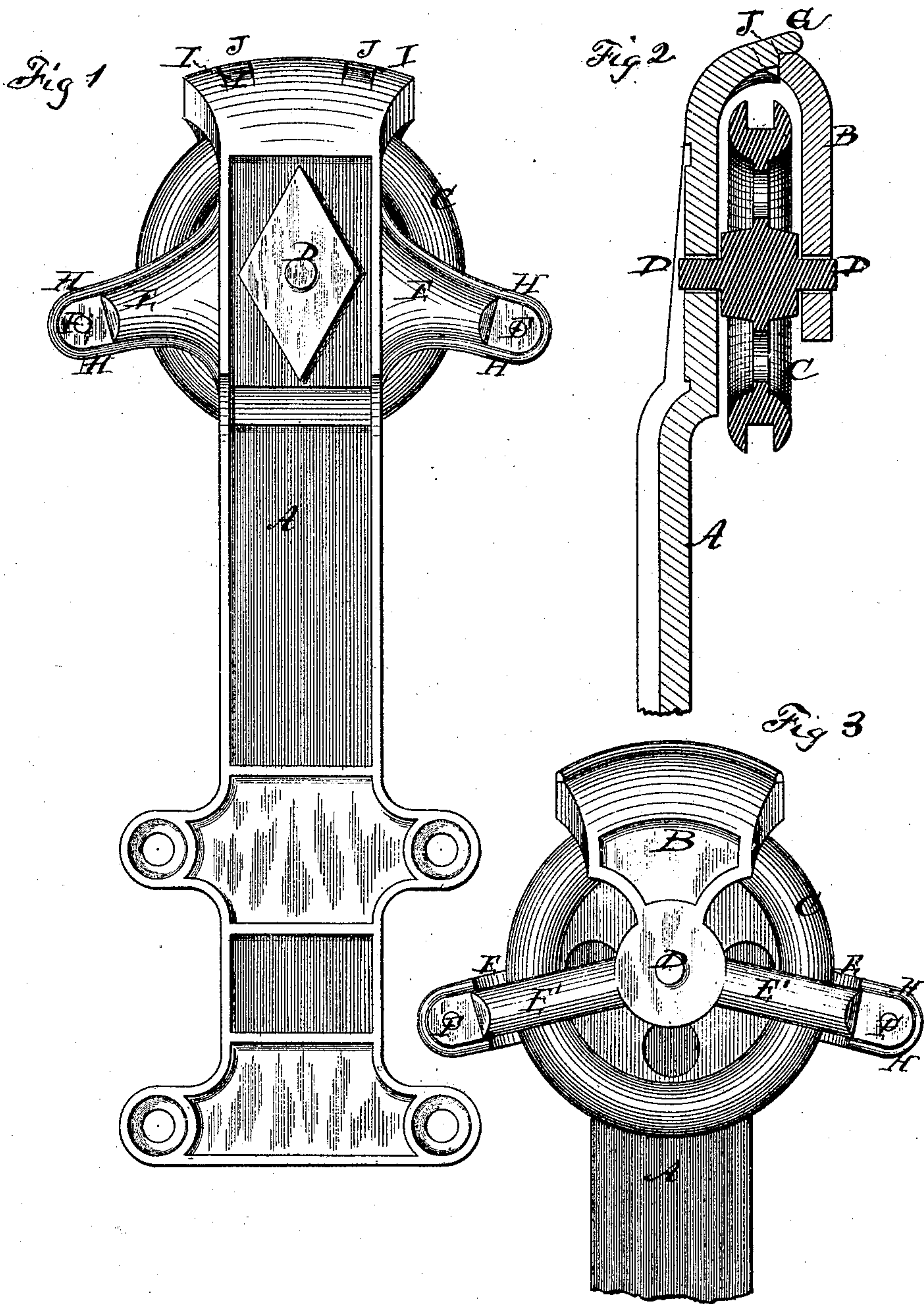


(Model.)

C. W. PIERCE.
Door Hanger.

No. 232,843.

Patented Oct. 5, 1880.



Witnesses:
Charles F. Searle,
W. J. Morgan.

Chas W Pierce Inventor,
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UNITED STATES PATENT OFFICE.

CHARLES W. PIERCE, OF OAK HILL, NEW YORK.

DOOR-HANGER.

SPECIFICATION forming part of Letters Patent No. 232,843, dated October 5, 1880.

Application filed March 1, 1880. (Model.)

To all whom it may concern:

Be it known that I, CHARLES W. PIERCE, of Oak Hill, in the county of Columbia and State of New York, have invented a new and
5 useful Improvement in Sliding-Door Hangers, which is fully described in the following specification.

My invention consists of a contrivance of the hanger whereby a detachable part for the
10 support of the overhanging side of the wheel is attached to the other in a simple manner and in such form that a part of the attaching device affords additional strength to a weak part of the hanger.

15 Figure 1 is a front elevation of the improved hanger. Fig. 2 is a sectional elevation. Fig. 3 is a rear elevation.

A is the main part of the hanger, to which the door is attached, and B is the detachable
20 part for supporting the overhanging side of the roller C. These two parts have each a hole suitably located for the pivot D of the wheel, and opposite thereto, or a little below, they each have arms E and E', respectively
25 extending beyond and around the wheel, to be attached to each other by the rivets F, these arms being located at or about the plane of the holes for the journals to strengthen the castings thereat, and thus save the necessity
30 of adding other metal thereabout specially for that purpose. The said parts A B are so shaped that they meet together over the top of the wheel, and the part A has a bead-flange, G,

overlapping part B, to take the upward thrust thereof from the rivets F. The arms of part
35 A also have such flanges H, both on the upper and lower sides of the arms of the part B, to keep them in place.

Behind the top flange, G, of part A there are holes I, which are produced by the mold-
40 ing and casting of the piece, through which holes the studs J on the part B project to steady and keep it in place, especially to resist the thrusts of rolling forward and backward.

This is a very simple, cheap, and efficient
45 contrivance for mounting a wheel with pivots or journals fixed in it, which is a better and more durable arrangement than a wheel turning loosely on a pivot fixed in the supports, because the working parts are farther from
50 each other, and thus support the wheel better against lateral vibration, which also lessens the wear.

Having thus described my invention, what I claim, and desire to secure by Letters Pat-
55 ent, is—

The combination, in a sliding-door hanger, of the part A, having arms E, holes I, and overlapping flange G, and the part B, having
60 arms E' and studs J, and being fitted at the top to bear under flange G, substantially as described.

CHARLES W. PIERCE.

Witnesses:

A. P. THAYER,
W. J. MORGAN.