H. L. FERRIS.

TRACK FOR BARN DOOR HANGERS.

APPLICATION FILED NOV. 5, 1909.

1,032,056.

Patented July 9, 1912.

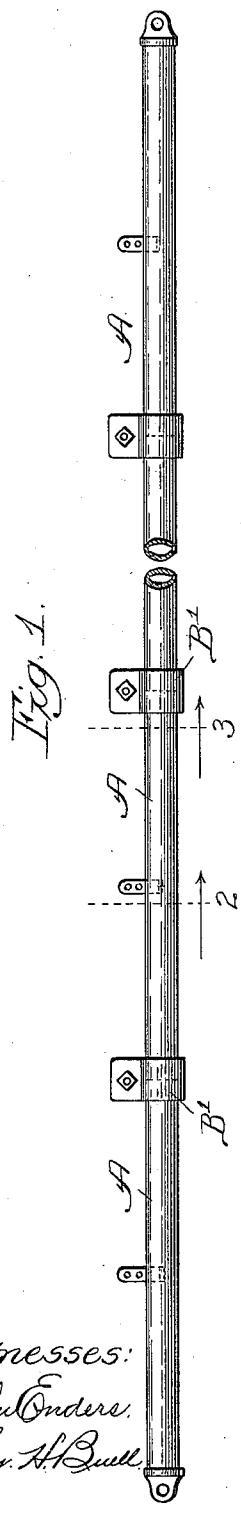

Fig. 1.

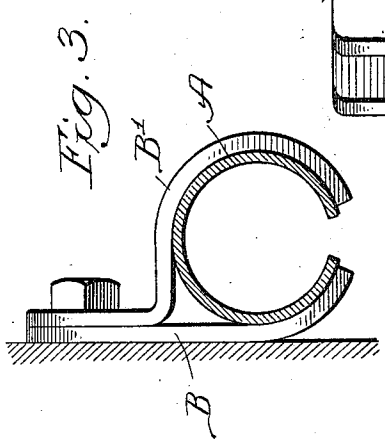

Fig. 3.

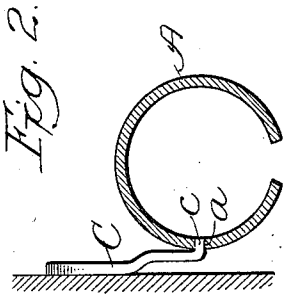

Fig. 2.

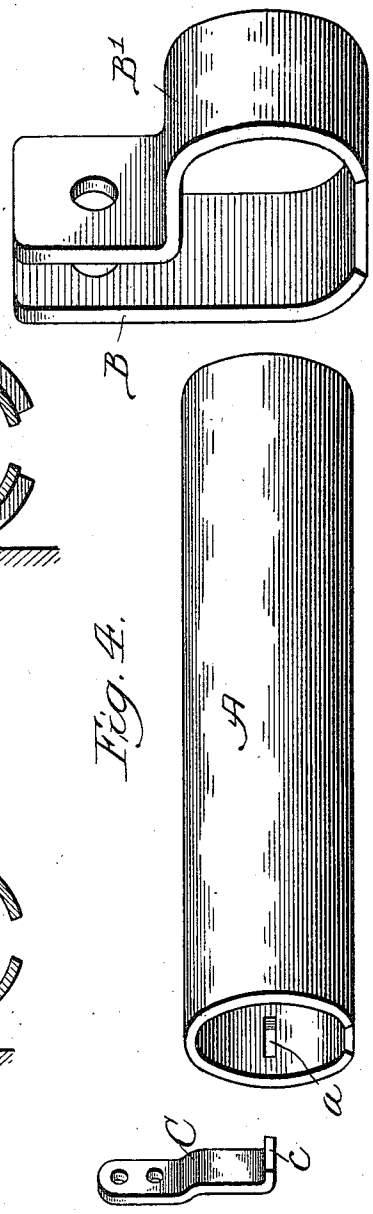

Fig. 4.

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UNITED STATES PATENT OFFICE.

HENRY L. FERRIS, OF HARVARD, ILLINOIS, ASSIGNOR TO HUNT, HELM, FERRIS & COMPANY, OF HARVARD, ILLINOIS, A CORPORATION OF ILLINOIS.

TRACK FOR BARN-DOOR HANGERS.

1,032,056. Specification of Letters Patent. Patented July 9, 1912.

Application filed November 5, 1909. Serial No. 526,434.

To all whom it may concern:

Be it known that I, HENRY L. FERRIS, a citizen of the United States, residing at Harvard, in the county of McHenry and State of Illinois, have invented a new and useful Improvement in Tracks for Barn-Door Hangers, of which the following is a specification.

My invention relates to certain new and useful improvements in tracks for barn-door hangers, and is fully described and explained in the specification and shown in the accompanying drawings, in which—

Figure 1 is an elevation showing a length of my improved track; Fig. 2, a section in the line 2 of Fig. 1; Fig. 3, a section in the line 3 of Fig. 1, and Fig. 4, a perspective view showing a portion of the track and the related parts to make clear the manner of assembling thereof.

Referring to the drawings—A, A, are a series of track-sections cylindrical in form and open at the bottom through a slot, the configuration of the sections being that usually adopted where the hangers run inside the track and are provided with projecting portions extending outside the track for attachment to the door. For the purpose of supporting these sections, a series of brackets are provided, each of which consists of two parts B, B^1. The part B is straight through the greater portion of its length and adapted to be attached to the surface of a barn or other structure, and to fit closely against the same, its lower end being bent out for a short distance to conform to the arc of the adjacent portion of the track (Fig. 3). The part B^1 of the hanger has a straight vertical portion adapted to lie against the portion B, and at the level of the top of the track it is bent sharply forward in a substantially horizontal plane, then carried around the track in a curve conforming thereto, in the manner illustrated. The two portions of the brackets are provided with registering perforations through which bolts, or other fastening means, are passed. The intermediate brackets thus described grasp the adjacent ends of each two track-sections supporting and alining the same.

For the purpose of preventing relative rotation of the sections with respect to each other, each is provided with a perforation *a* which is adapted to be engaged by the small forwardly-extending end *c* of a hook C adapted to be attached to the wall of the structure in the manner illustrated in Figs. 1 and 2. By this means the track-sections are readily prevented from so rotating as to throw their slots out of alinement, thus interfering with the passage of the hangers therealong. The ends of the track are supported in the usual way by any desirable form of end-bracket.

The construction thus outlined is particularly advantageous by reason of its simplicity and cheapness of construction and the brackets are of a special desirability because, being made of two parts, they can be readily applied after the track is in place. Thus, if for any reason, owing, for instance, to the use of the track with an unusually heavy door, the track should sag, extra brackets can be supplied without taking down the track in an obvious manner. This feature is of great importance and it will be seen that the present form of construction is designed to embody it in simple and convenient form.

I realize that considerable variation is possible in the details of construction of my improved device without departing from the spirit of my invention, and I do not intend, therefore, to limit myself to the specific form herein shown and described.

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

1. A supporting bracket for door-hanger tracks slotted at the bottom, having two separable portions adapted to embrace the track, and a single device for securing said two portions together and to the structure and thereby clamping and supporting them in place.

2. In combination a track, brackets on which the track is loosely supported, means independent of the brackets for preventing rotation of the track.

HENRY L. FERRIS.

In presence of—
R. N. JACOBS,
B. E. MAY.