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J. R. KINGSLEY.

PAPER HANGER'S TRESTLE.

APPLICATION FILED FEB. 21, 1906.

FIG. 1.

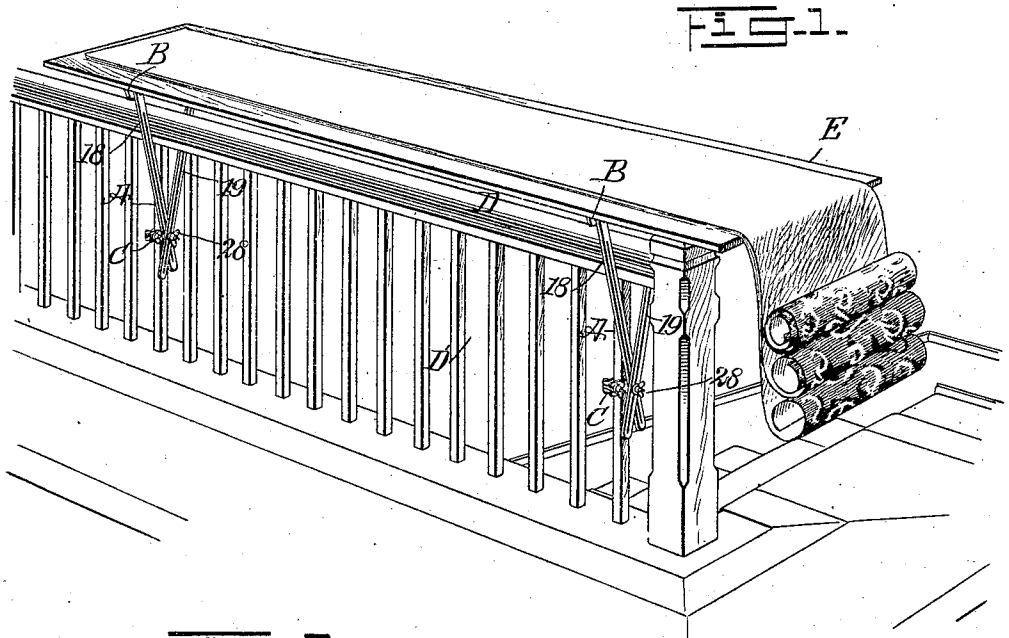


FIG. 2.

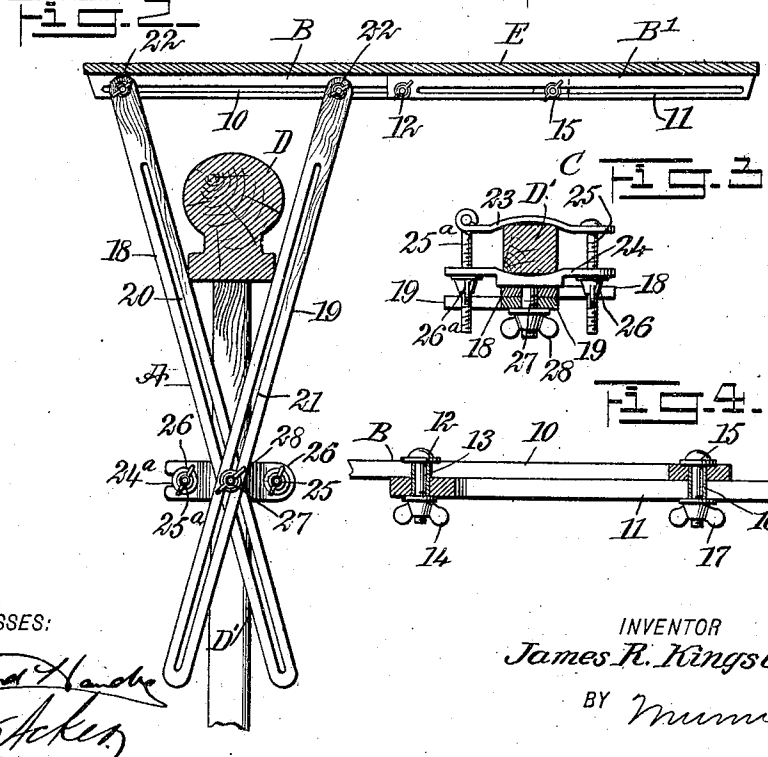


FIG. 3.

FIG. 4.

WITNESSES:

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PAPER-HANGER'S TRESTLE.

No. 844,143. Specification of Letters Patent. Patented Feb. 12, 1907.

Application filed February 21, 1906. Serial No. 302,215.

To all whom it may concern:

Be it known that I, JAMES R. KINGSLEY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Paper-Hanger's Trestle, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a trestle especially adapted for paper-hangers' use and which may be set up in a hallway, utilizing the stair-rail and banisters as a support.

A further purpose of the invention is to provide a device of the character mentioned which will be light and strong and which may be compactly folded up and conveniently placed in position for service.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

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

Figure 1 is a perspective view of the improved trestle set up for use. Fig. 2 is a transverse section through the device and the stair-rail on which it is secured. Fig. 3 is a transverse section through a banister and the legs of the device, showing a clamp for connecting such parts in plan view; and Fig. 4 is a detail sectional view through portions of the supporting-arms, showing their adjustability.

A represents a support, two or more of which may be employed, and each support is provided with two horizontal arms B and B′, which arms are adjustable upon each other, and the upper end of said support is adjustable upon one of said arms. The arm B is provided with a longitudinal slot 10, and the arm B′ with a corresponding slot 11. A clamping-screw 12 is passed through the slot 10 of the arm B and through the inner solid end portion of the arm B′, as is shown in Fig. 4, and the said screw is provided with a friction-roller 13, whereby to render its movement in the slot 10 more convenient, and a thumb-nut 14 is provided for the outer end of the said screw.

A second clamping-screw 15 is passed through the solid outer end portion of the arm B, which may be termed the "inner" arm, and through the slot 11 in the arm B′, and this screw 15 is likewise provided with a friction-sleeve 16 and with a thumb-nut 17 at its outer end.

The support A consists of two legs 18 and 19 of desired length, the leg 18 being provided with a longitudinal slot 20 and the leg 19 with a longitudinal slot 21, and the upper end of each leg 18 and 19 is connected with the inner horizontal arm B by means of clamping-screws of the same construction as those that have been described, and the clamping-screws 22 are passed through the slot 10 in the inner arm B. Under this construction the legs 18 and 19 are adjustable upon the inner horizontal arm B, and the two horizontal arms B and B′ are endwise adjustable upon each other.

In connection with the legs of the support A a clamp C is employed. (Shown in detail in Fig. 3.) This clamp consists of two opposing members 23 and 24, the member 24 being provided with a slot 24^a in one end, as is shown in Fig. 2. A screw 25 is passed through an end of the member 23 and through an eye or aperture in the corresponding end of the member 24 of the clamp, and the free end of the said screw 25 carries a wing-nut 26. A parallel screw 25^a has a hinge connection at its head with the opposite end of the member 23 of the said clamp C, and the free end of this screw 25^a is made to enter the slot 24^a in the member 24 of the clamp and is held in place by a wing-nut 26^a or its equivalent.

The member 24 of the clamp is provided with a threaded stud 27, which extends out therefrom, and this stud is adapted to be passed through the slots 20 and 21 in the legs 18 and 19 when the device is set up, and the said stud 27 carries a nut 28, preferably a wing-nut.

In applying the device to the stair-rail D and banisters D′ the clamps C, disconnected from the legs of the support A, are suitably placed on convenient banisters D′. Then the legs of the standards are dropped down at each side of the stair-rail D, and the post or stud 27 of the clamps is then passed through the legs 18 and 19 of the said supports after the said legs of a support have been crossed, as is shown in Fig. 2. Then the clamping-screws 22, traveling in the inner horizontal arm B, are loosened and adjusted until the inner longitudinal edges of the legs 18 and 19 of the said supports have

firm bearing against the sides of the stair-rail D, and after the horizontal arms of opposing supports are in alinement or have the desired relation to each other and have been adjusted endwise as required all the clamping or set screws are tightened properly by means of their respective nuts. The trestle thus formed is now in position to receive the board E, upon which the paper is laid and operated.

It will be observed that this trestle is exceedingly simple, durable, and economic and can be carried in a small space, since it can be compactly folded. Furthermore, the trestle can be set up in very narrow halls, where the ordinary trestle could not possibly be employed, and the stair-rail and banisters are utilized as a firm support for the device.

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

1. A paper-hanger's trestle consisting of supports adapted to straddle the hand-rail of a stairway, which supports comprise crossed connected legs, an arm connecting the legs at one of their ends, the said arm being adapted to carry a pasting or cutting board, and means for securing the legs of the support to the banisters of a stairway.

2. A trestle consisting of supports, comprising crossed adjustably-connected legs, the legs being adapted to straddle the hand-rail of a stairway, adjustably-connected arms, one of which arms is adjustably connected with the said legs of the supports, and means for adjustably securing the said legs to the banisters of a stairway.

3. In paper-hangers' trestles, a support consisting of crossed connected legs, which legs are adapted to straddle the hand-rail of a stairway, means for securing the support to the banisters of a stairway, and an arm for a pasting or cutting board connected with the legs of the support.

4. In a paper-hanger's trestle, a support consisting of crossed adjustably-connected legs adapted to straddle the hand-rail of a stairway, means for adjustably clamping the legs to the banisters of a stairway at that point where said legs cross, and holding the legs in engagement with opposing side faces of the hand-rail, arms for a pasting or cutting board, means for adjusting one arm on the other, and devices for adjustably connecting the upper portions of the legs for the support to one of the said arms.

5. In a paper-hanger's trestle, a support consisting of legs provided each with a longitudinal slot therein, an adjustable clamp for a banister, said clamp being provided with a locking device which adjustably enters the slots in the said legs when the legs are crossed one over the other, supporting-arms for the pasting or cutting board, the inner arm being adjustably attached to the said legs of the support and the outer arm being adjustable upon the inner arm, for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES R. KINGSLEY.

Witnesses:

J. FRED. ACKER,

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