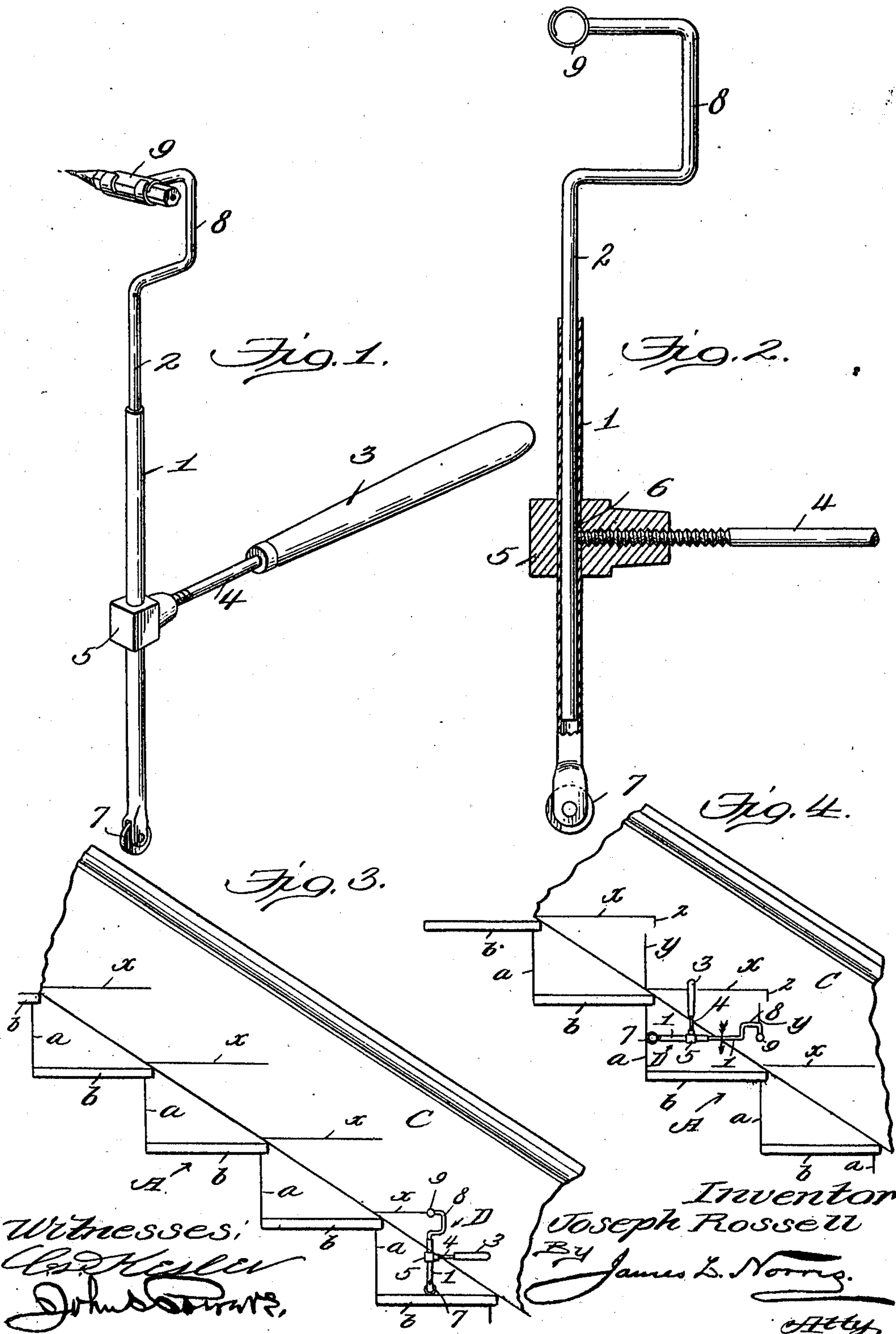


J. ROSSELL.
 SCRIBING DEVICE.
 APPLICATION FILED DEC. 16, 1909.

988,950.

Patented Apr. 4, 1911.



UNITED STATES PATENT OFFICE.

JOSEPH ROSSELL, OF ATLANTIC CITY, NEW JERSEY.

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Specification of Letters Patent.

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Application filed December 16, 1909. Serial No. 533,501.

To all whom it may concern:

Be it known that I, JOSEPH ROSSELL, a citizen of the United States, residing at Atlantic City, in the county of Atlantic and State of New Jersey, have invented new and useful Improvements in Scribing Devices, of which the following is a specification.

This invention relates to new and useful improvements in scribing devices and it involves a device which, while capable of advantageous use in various connections, is especially applicable to the scribing of stair outlines on the skirting boards to which the treads and the risers are secured.

The device has novel features of structure and arrangement which particularly adapt it for the operation referred to and which will be hereinafter described with particularity.

An embodiment of the invention is illustrated in the accompanying drawing which comprises:

Figure 1, a perspective view of a scribing device in accordance with the present invention; Fig. 2, a sectional view thereof; Fig. 3, a diagram detailing the operation of scribing the treads, and Fig. 4, a diagram detailing the operation of scribing the risers.

Similar characters of reference designate corresponding parts throughout the several views.

Referring more particularly to the diagrams of Figs. 3 and 4, the stair pattern is indicated at A and includes the risers a and the treads b , portions of which overhang the risers in the usual manner. The skirting boards are indicated at C and the scribing device at D.

The detail construction of the scribing device is shown in Figs. 1 and 2, to which reference is now had. The main parts of the device are a shank and a handle. The shank is of a construction whereby it may be lengthened or shortened to correspond to the dimensions of the pattern and a preferred construction for this purpose involves telescoping sections, more particularly a hollow section, as 1, and a solid section, as 2, which is fitted in the section 1 for axial sliding movement and also for turning movement. The handle, as 3, projects perpendicularly from the shank and may be advantageously utilized, by means of a connection of proper character, as a

means for holding the shank sections against relative movement while at the same time the handle is rigidly associated with the shank. Accordingly the handle is provided with an axial stem, as 4, having a threaded end portion which engages in a threaded opening that extends to the bore of a connection block, as 5. The shank passes through the bore of the block 5, and the section 1 of said shank is provided with an opening, as 6, through which the end of the stem 4 projects to frictionally engage the section 2 and to thus hold the latter against movement relative to the section 1.

At one end of the shank, a roller, as 7, is provided. This roller travels on the pattern surface and is preferably carried by the section 1. The section 2 has at its end a U-shaped portion, as 8, the function of which is to receive the overhanging portion of the adjacent tread b and to thus permit of a movement of the device, coextensive with the tread, in the tread scribing operation. At the end of the U-shaped portion a clip, as 9, is provided, the clip being of suitable construction to hold a pencil or crayon.

The mode of use will be readily understood by reference to Figs. 3 and 4. Fig. 3 shows the tread scribing operation in which the shank is vertically disposed and horizontally movable, the roller 7 traveling on the surface of the tread b and the pencil scribing a line x on the board C, this line being coextensive with and parallel to the tread b on which the roller travels. In this operation, the length of the shank is proportioned with relation to the height of the riser. Fig. 4 shows the riser scribing operation, in which the shank is horizontally disposed and vertically movable, the roller 7 first traveling on the surface of the riser a and the pencil scribing a line y on the board C, and subsequently traveling across the front edge face of the next tread and the pencil scribing a line z on the board C. The lines y and z are coextensive with the corresponding faces of the pattern. The line y joins the line x next below and terminates short of the line x next above by a space approximately equal to the thickness of the tread and the line z , equal in length to the extent of said space, joins the line x next above. In the riser scribing operation the length of the shank is proportioned to the width of the tread (front to rear).

Having fully described my invention, I claim:

5 A scribing device consisting of a shank which includes a hollow section and a section telescopically fitted therein, a bearing device provided at the end of one section, a scribing pencil provided at the end of the other section, the hollow section having an opening, a block surrounding the shank and
10 having a lateral threaded opening, and a handle having a stem which is threaded

into the opening in the block and projects through the opening in the hollow section into frictional engagement with the telescoped section.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOSEPH ROSSELL.

Witnesses:

ANNA M. MALIN,
G. LAWRENCE MALIN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
