

Feb. 9, 1943.

S. E. ORLICKI

2,310,593

HAND RAIL

Filed Nov. 25, 1941

2 Sheets-Sheet 1

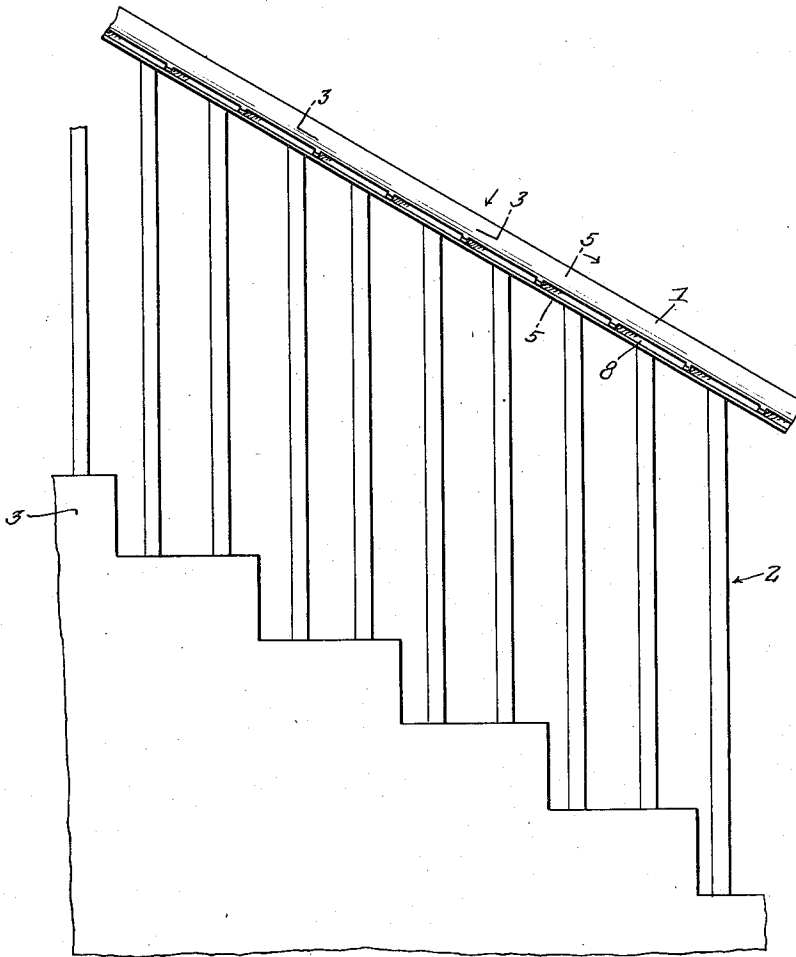


Fig. 1.

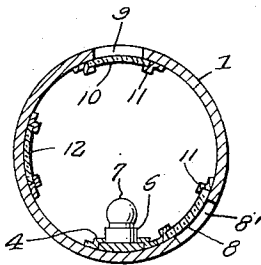


Fig. 5.

Inventor

Stanley E. Orlicki.

By

Clarence A. O'Brien

Attorney

Feb. 9, 1943.

S. E. ORLICKI

2,310,593

HAND RAIL

Filed Nov. 25, 1941

2 Sheets-Sheet 2

*Fig. 2.*

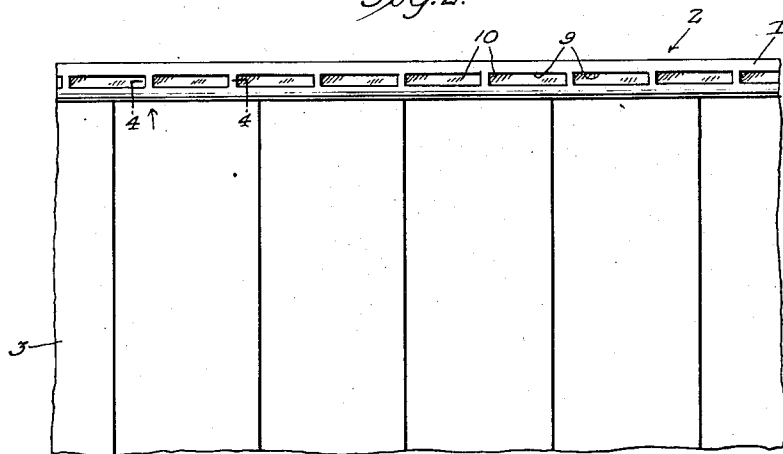


*Fig. 3.*

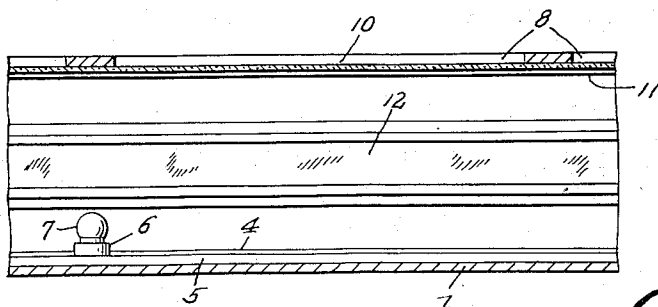
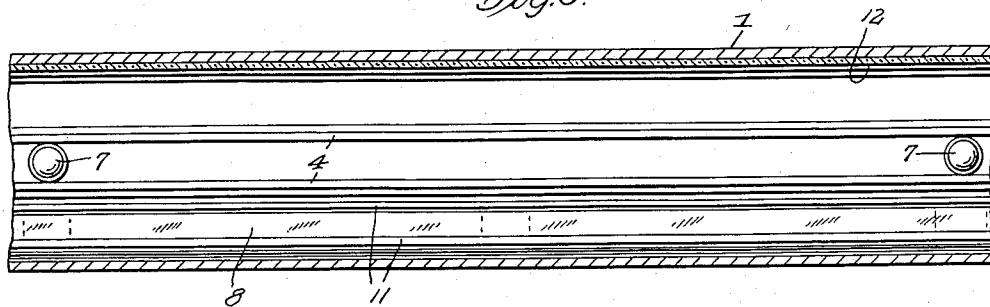


*Fig. 4.*

By

*Clarence A. O'Brien*

Inventor

*Stanley E. Orlicki*

Attorney

## UNITED STATES PATENT OFFICE

2,310,593

## HANDRAIL

Stanley E. Orlicki, Los Angeles, Calif., assignor of one-half to Leonard E. Rozycki, Los Angeles, Calif.

Application November 25, 1941, Serial No. 420,419

## 1 Claim. (Cl. 240—2)

The present invention relates to new and useful improvements in hand rails or banisters, and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character comprising novel illuminating means.

Other objects of the invention are to provide an illuminated hand rail or banister of the aforementioned character which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, attractive in appearance, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in side elevation, showing the invention embodied in a banister.

Figure 2 is a top plan view thereof.

Figure 3 is a fragmentary view in horizontal section, taken substantially on the line 3—3 of Figure 1.

Figure 4 is a fragmentary view in vertical longitudinal section, taken substantially on the line 4—4 of Figure 2.

Figure 5 is a cross-sectional view, taken substantially on the line 5—5 of Figure 1.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a tubular bar 1 which may be of any suitable length, diameter and material.

In the embodiment shown, the tubular bar 1 constitutes a hand rail of a banister which is designated generally by reference numeral 2. The banister 2 is mounted on a flight of steps 3.

Mounted in the lower portion of the tubular bar 1 are opposed guides 4. Slidable in the guides 4 is a removable strip 5 of suitable insulating material. Mounted at spaced points on the strip 5 are electric sockets 6 for the reception of lamps 7.

Adjacent one side of the electric lamps 7 the tubular bar 1 has formed therein a series of longitudinally elongated windows 8' for illuminating

the steps 3. A single strip of clear glass 8 is provided for the windows 8'.

The upper portion of the tubular bar 1 has formed therein a series of longitudinally elongated windows 9. A strip of frosted glass 10 is provided for the windows 9. Suitable fasteners 11 are provided for the glasses 8 and 10. A reflecting mirror 12 in the form of an elongated strip is mounted in one side of the tubular bar 1.

It is thought that the manner in which the device functions will be readily apparent from a consideration of the foregoing. As hereinbefore stated, the clear glass windows 8 permit the steps 3 to be illuminated by the electric lamps 7. Light passing through the frosted glass windows 9 renders the bar 1 clearly visible in the dark. The mirror 12 reflects light from the lamps 7 to the windows 8' and 9. The lamps 7 may be connected to a source of electric current in any suitable manner. The removable strip 5 facilitates replacement of the electric lamps 7 when necessary.

It is believed that the many advantages of an illuminated hand rail or banister constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

As a new article of manufacture, a banister comprising a rail including a tubular bar, a series of electric lamps mounted in the bar, said bar having a longitudinal series of windows in its lower portion for illuminating a flight of steps on which the banister is mounted, the bar further having a longitudinal series of openings in its upper portion, clear glass covering the first named openings, and frosted glass covering the second named openings, said second named openings providing means for illuminating the rail from the lamps for facilitating locating said rail.

STANLEY E. ORLICKI.