E. J. MUNZ.

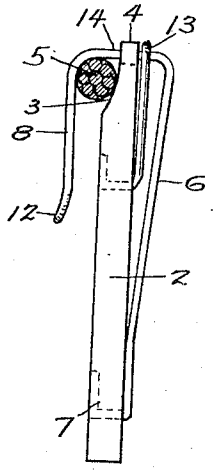
CLOTHES PIN.

APPLICATION FILED MAY 18, 1910.

1,082,208.

Patented Dec. 23, 1913.

FIG. 1



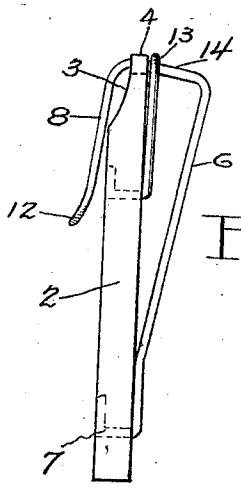
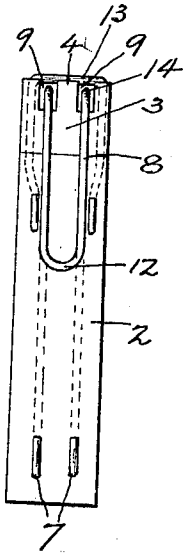


FIG. 2

FIG. 3



WITNESSES:

H. G. Prat.

M. L. Regner

INVENTOR.

ERNEST J. MUNZ

by E. E. Osborn

his attorney.

UNITED STATES PATENT OFFICE.

ERNEST J. MUNZ, OF BERKELEY, CALIFORNIA.

CLOTHES-PIN.

1,082,208. Specification of Letters Patent. Patented Dec. 23, 1913.

Application filed May 18, 1910. Serial No. 561,962.

To all whom it may concern:

Be it known that I, ERNEST J. MUNZ, a citizen of the United States, and a resident of Berkeley, in the county of Alameda and State of California, have invented certain new and useful Improvements in Clothes-Pins, of which the following is a specification.

The invention relates to clothes-pins which are adapted to be used to secure and attach clothes and other articles to a line for the purpose of airing and drying them.

The object of my invention is to provide a clothes-pin of simple construction which may be readily placed or "snapped" on the line and will not become detached as the articles are blown about by the wind.

A further object is to provide a pin adapted to be used in connection with an endless clothes line such as I have made application for Letters Patent, in a separate application.

The invention comprises a clothes-pin which when attached to a line occupies a position, so that it will pass around a line-carrying sheave or pulley without becoming disengaged.

The pin possesses other advantageous features which with the foregoing will be set forth at length in the following description, reference being had to the drawings accompanying and forming part of this specification.

Figure 1 is a side-view of the pin in position on a clothes line. Fig. 2 is a side view of the pin removed from the line. Fig. 3 is a front view of the pin.

The clothes-pin consists of a body 2, preferably of a general rectangular shape and formed of wood, having a recessed or cut away portion 3 at the upper end 4. This recessed portion 3 forms a seat for the clothes line 5 and prevents the pin from becoming disengaged under all normal conditions. The line 5 is held and pressed into the recess 3 by means of the spring 6 secured to the body 2 at 7. The spring 6 is preferably formed of a loop of wire or other resilient material bent in the form of an inverted hook, the free end 8 of which lies in front of the body 2. The hook passes from the rear of the body to the front preferably through slots or apertures 9 in the upper portion 4 of the body. These slots act as guides for the spring and prevent any lateral displacement thereof. The extreme end 12 of the hook is bent outward so that the pin may be readily placed on the line.

To prevent the spring 6 from being bent upward to such an extent that its utility will be destroyed, I have provided the guard 13 secured to the body 2 and passing over the spring where it passes through the body. The flat portion 14 of the spring 6 therefore bears against the guard 13 and prevents the upward movement of such part when the pin is being attached to the line. The segments of the spring are therefore held against lateral or vertical motion and are constrained to slide longitudinally in the slots.

I claim:—

A clothes-pin consisting of a body of fibrous material having a substantially rectangular shape, said body being provided with a cut away portion at one end extending across the front face of the body and with open end slots at the same end, a bent wire attached at its ends to the body at a point remote from said cut away, the legs of the wire extending upward adjacent the rear face of the body, being bent to pass through said slots and the looped end of the wire being bent downward adjacent the front face of the body, that portion engaging the slots being of sufficient length to allow the looped end to be moved away from the body a sufficient distance to permit the insertion of a clothes-line between the body and the looped end and a wire attached to the body and arranged to close said open end slots.

ERNEST J. MUNZ.

Witnesses:
H. G. PROST,
M. L. REGNER.