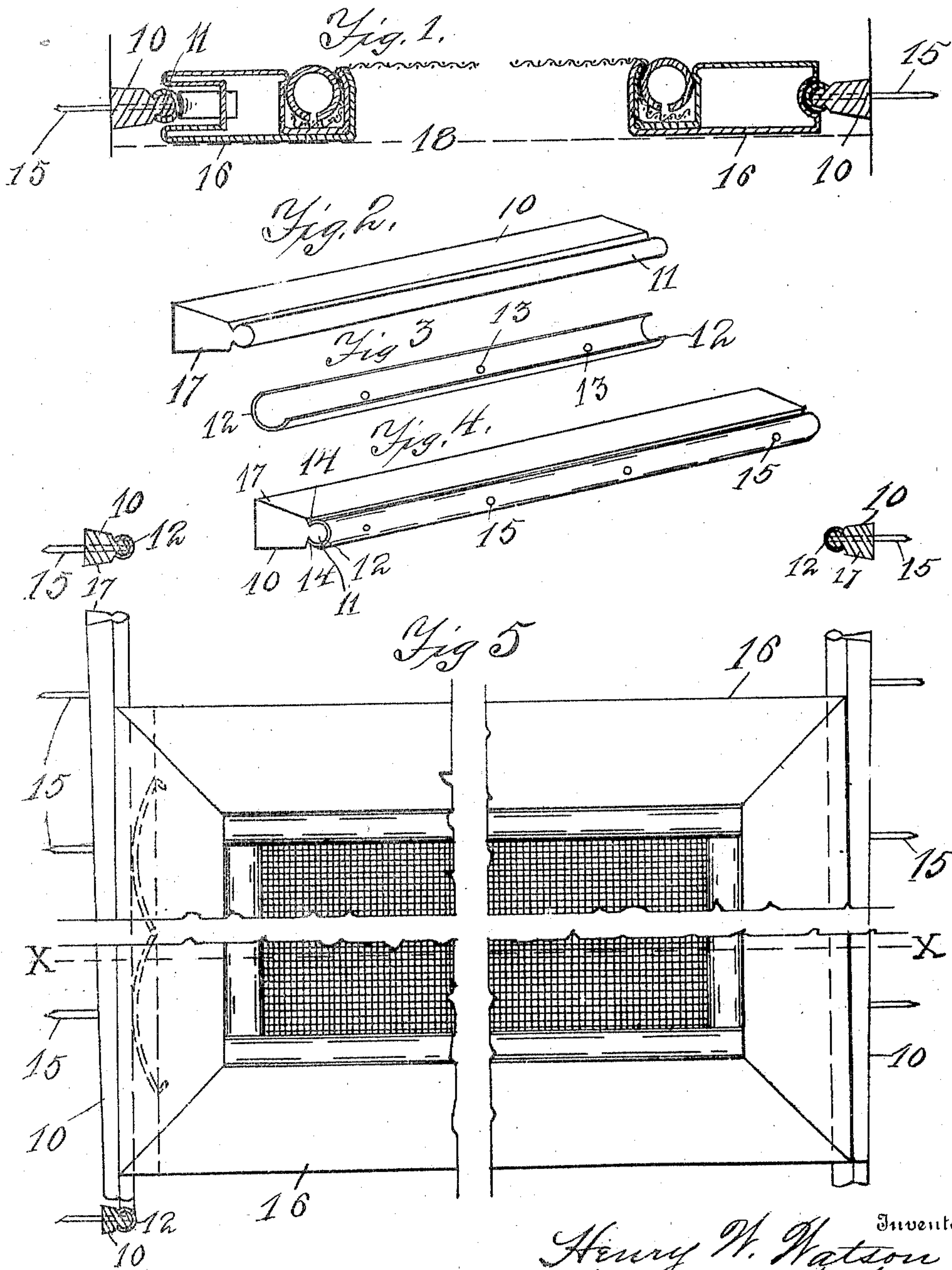


No. 817,409.

PATENTED APR. 10, 1906.

H. W. & W. W. WATSON.
GUIDE STRIP FOR SLIDING SCREENS.

APPLICATION FILED DEC. 15, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY W. WATSON AND WILLIAM W. WATSON, OF JAMESTOWN,
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GUIDE-STRIP FOR SLIDING SCREENS.

No. 817,409.

Specification of Letters Patent.

Patented April 10, 1906.

Application filed December 15, 1905. Serial No. 291,826.

To all whom it may concern:

Be it known that we, HENRY W. WATSON and WILLIAM W. WATSON, citizens of the United States, and residents of Jamestown, in the county of Chautauqua and State of New York, have invented new and useful Improvements in Guide-Strips for Sliding Screens, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The invention relates to guide-strips on the casing of windows and like openings for sliding screens and blinds; and the object of our improvement is to provide guide-strips having metal facings to prevent splitting of the strips and so that they will not wear, the bases of which are left uncovered, so that they may be fitted to the inequalities of the casing.

In the drawings, Figure 1 is a sectional view at line X X in Fig. 5. Fig. 2 is a perspective view of a short piece of the uncapped wood strips. Fig. 3 is a perspective view of the inner side of the unattached sheet-metal cap. Fig. 4 is a perspective view of the complete guide-strip. Fig. 5 is a full-size plan view of a screen and laterally-placed guide-strips, with the central portion of the screen broken away vertically and horizontally.

Similar numerals refer to corresponding parts in the several views.

The numeral 10 indicates the wooden strip, which has a lengthwise bead 11 along its outer edge adjacent to the screen. A sheet-metal cap 12 is provided with holes 13 therein and is pressed onto the bead 11 by suitable means. The pressure of the lengthwise edges of the strip 12 into the wood 10 at 14 on each side and the bulge of the sides of the bead 11 is sufficient to hold the metal cap in place. Holes 13, however, are provided in cap 12, so that the nails or screws 15 or other fastening may be inserted through the holes 13 and strip 10 into the casing. The grip of the edges 14 of cap 12 on the wood strip prevents the narrow strip from splitting. The cap 12 also forms a strong holding means for the head of the nails. The sheet-metal cap 12 extends onto the strip a sufficient distance to attain the purpose of contact with the frame 16 of the screen. The base 17 of the

guide-strip is left uncovered by the sheet metal in order that the strips may be fitted to the window-casing. The casings are often out of true and the improved guide-strip allows of the wood being cut away to exactly adjust the space between the strips at each side of the window-casing, so that the screen 16 will run true between the opposite guide-strips. Thus the strip may be much narrower at one end than the other, as shown at each side in Fig. 5, wherein the lower end, as shown in section, is much narrower than the upper end. This guide-strip also admits of close fitting to the window-sash, since the screen-frame 16 can be placed against the sash, as shown at the dotted line 18 in Fig. 1, without in any wise interfering with the guide-strip. The metal facing for the strip is also especially applicable to our sheet-metal screen-frame, as shown in the application for Letters Patent, Serial No. 291,825, since it presents a metal surface to slide on the metal surface, thereby increasing the durability by preventing wear and at the same time allows of easy fitting to the window-casing.

We claim as new—

1. In sliding ways for screens and the like, a wooden strip, a metal covering for one edge of said strip and attached to the same, and a portion of said strip left uncovered by said metal for fitting to a support.

2. In a guide-strip for sliding screens and the like, a wooden strip having a round beaded edge and a supporting-base, and a close sheet-metal covering pressed onto said beading, substantially as and for the purpose set forth.

3. A guide-strip for sliding screens comprising a wooden strip 10, a bead 11 on one edge of said strip and a base portion 17, a sheet-metal covering 12 for said bead having holes 13 therein for attaching said guide-strip to a support.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

HENRY W. WATSON.
WILLIAM W. WATSON.

Witnesses:

S. A. BALDWIN,
A. W. KETTLE.