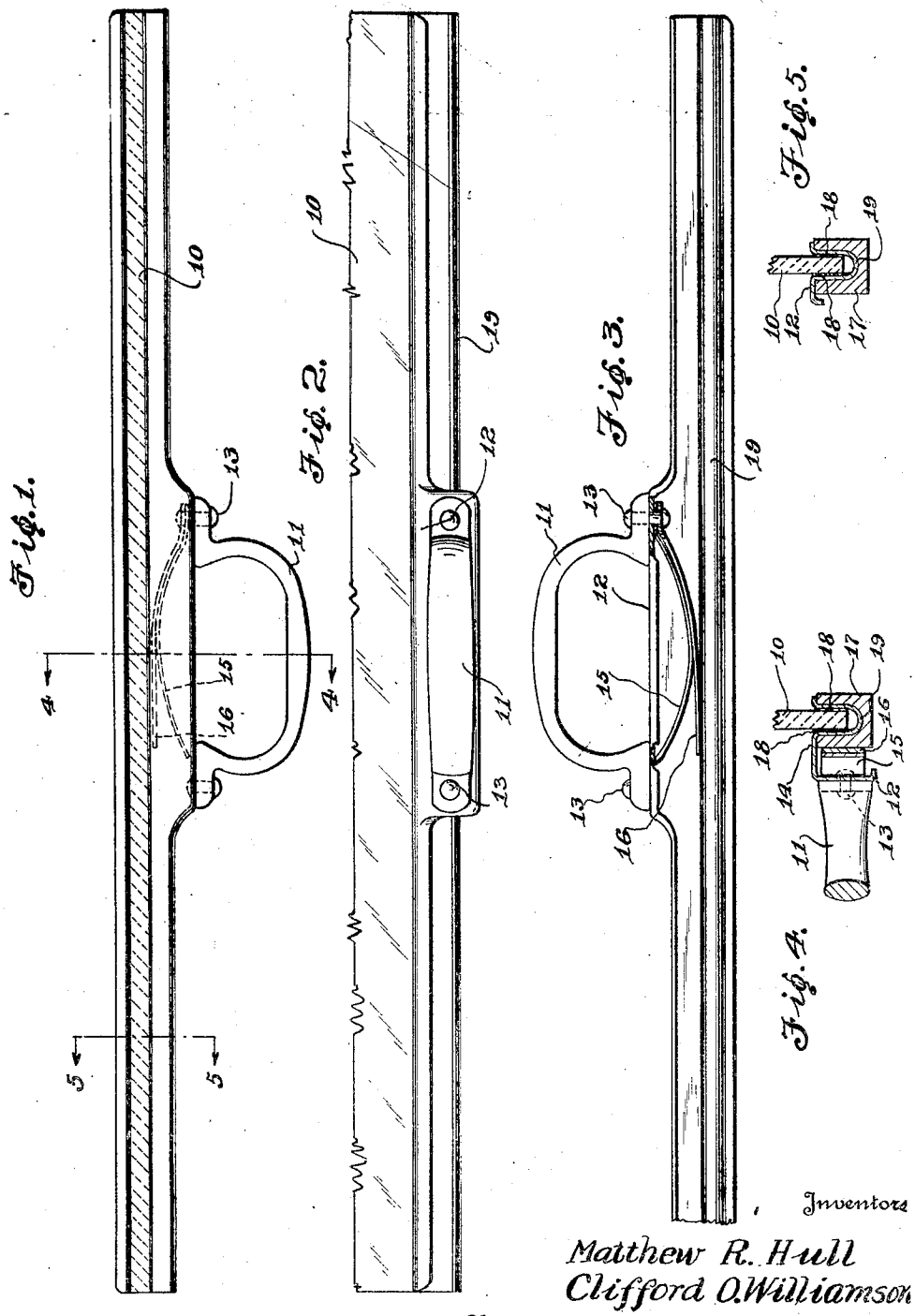
Dec. 8, 1925. 1,564,573

M. R. HULL ET AL

HANDLE FOR SLIDABLE PANELS

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Inventors
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MATTHEW R. HULL AND CLIFFORD O. WILLIAMSON, OF CONNERSVILLE, INDIANA, ASSIGNORS TO REX MANUFACTURING COMPANY, OF CONNERSVILLE, INDIANA, A CORPORATION OF INDIANA.

HANDLE FOR SLIDABLE PANELS.

Application filed July 15, 1924. Serial No. 726,222.

To all whom it may concern:

Be it known that we, MATTHEW R. HULL and CLIFFORD O. WILLIAMSON, citizens of the United States, residing at Connersville, in the county of Fayette and State of Indiana, have invented certain new and useful Improvements in Handles for Slidable Panels, of which the following is a specification.

Our said invention relates to a handle for slidable panels and it is an object of the invention to provide a handle which may be conveniently applied to movable panels of glass in automobile doors, the device being particularly intended for use with such panels as are found in demountable upper door sections.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a vertical section of a panel with the handle in place,

Figure 2, an elevation of the same parts,

Figure 3, an elevation at the opposite side from Figure 1, partly in section,

Figure 4, a section on line 4—4 of Figure 1, and

Figure 5, a section on line 5—5 of Figure 1.

In the drawings reference character 10 indicates a part of a glass panel movably mounted in a demountable door section. Such panels will move either horizontally or vertically, the handles being applied to the appropriate sides in either case. The hand grip 11 of the device is secured to a ledge 12 by means of rivets 13, this ledge being part of a curved approximately S-shaped support 14 adapted to embrace the edge of the glass panel as shown in Figures 4 and 5. A spring 15 is secured underneath the ledge by the rivets 13 and a fiber strip 16 is held by the spring 15 in contact with the outer side of a longitudinally grooved guide member 17 of aluminum or any other rust-proof metal on which the fiber strip can slide. The fiber will not score or abrade the metal and yet will grip the same firmly thus enabling the spring to do its work in a satisfactory and permanent manner without damaging or destroying the surface against which it acts.

The support or channel slide 12 is not attached permanently to the glass but is detachably clamped thereto, a tape 18 of appropriate material, preferably adhesive, being interposed between the metal and glass surfaces, as best shown in Figure 5. A single strip of tape doubled over the glass edge may be substituted therefor if preferred. By this means the channel slide is held to carry the glass and the handle is permanently located and extends inside the car so that the driver or other occupant can readily control the ventilation. The grooved portion 19 of the slide lying within the correspondingly grooved guide member 17 will slide freely at all times without binding.

It will be obvious to those skilled in the art that various changes may be made in our device without departing from the spirit of the invention and therefore we do not limit ourselves to what is shown in the drawings and described in the specification but only as indicated in the appended claims.

Having thus fully described our said invention what we claim as new and desire to secure by Letters Patent is:

1. A handle attachment for movable panels of glass comprising a channel slide adapted to be clamped to the edge of a panel, a guide for the slide, a ledge on the slide, and a spring underneath the ledge adapted to bear against the guide, substantially as set forth.

2. A handle attachment for movable panels of glass comprising an S-shaped channel slide having a portion adapted to embrace an edge of the panel, a grooved guide in which said portion slides, a ledge spaced from said portion, and a spring on the inside of said ledge bearing against the grooved guide, substantially as set forth.

3. In a window, a movable panel of glass, tape secured to the faces of the panel adjacent an edge thereof, a handle attachment having a support in clamping engagement with said tape, a grooved guide for slidingly receiving such support, a ledge on the support spaced from the panel, and resilient means underneath the ledge engaging a face of the grooved guide, substantially as set forth.

4. In a window, a movable panel of glass, adhesive tape secured to the faces of the panel adjacent an edge thereof, a handle attachment having a support in clamping en-

gagement with said adhesive tape, a guide for slidingly receiving such support, a ledge on the support spaced from the panel, a leaf spring underneath the handle, and a fiber strip underneath the leaf spring and adapted for engagement with a face of said guide, substantially as set forth.

5. A handle attachment for movable panels comprising a panel, a metallic grooved guide therefor, a metallic clamping member embracing the edge of the panel and slidable in said guide, a hand grip at right angles to the panel, a spring between the hand grip and the guide, and a fiber strip between the spring and the guide, substantially as set forth.

6. A handle attachment for a movable panel of glass comprising a hand grip detachably clamped to the edge of the panel and carrying a member yieldingly held in frictional contact with a face of the slide in which the panel is mounted, whereby said panel may be moved by said handle and supported in adjusted position, substantially as set forth.

In witness whereof, we have hereunto set our hands and seals at Connersville, Indiana, this 30th day of June, A. D. nineteen hundred and twenty-four.

MATTHEW R. HULL. [L. S.]
CLIFFORD O. WILLIAMSON. [L. S.]