H. ANDERSON AND J. F. KANE.

CLAMPING DEVICE FOR PAPER HANGERS' OUTFITS.

APPLICATION FILED MAY 15, 1916.

1,313,047. Patented Aug. 12, 1919.

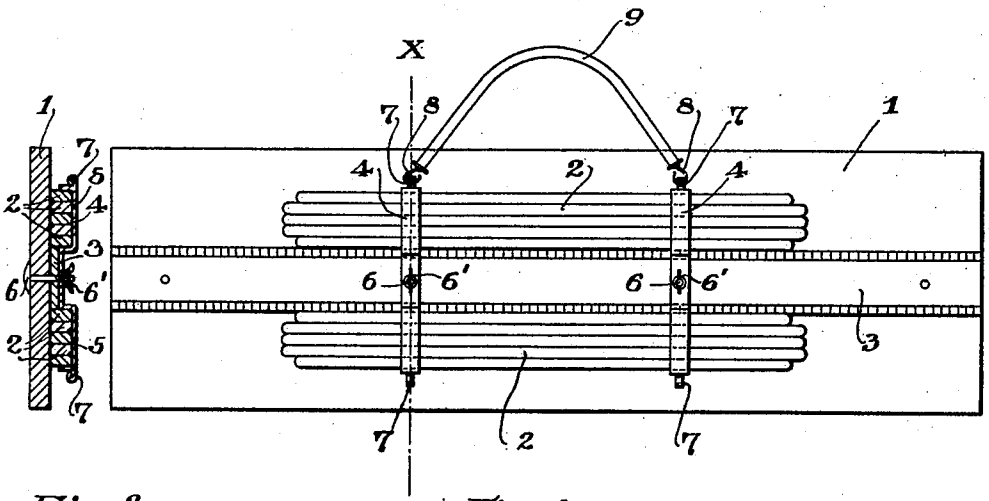


Fig. 3. X Fig. 1.

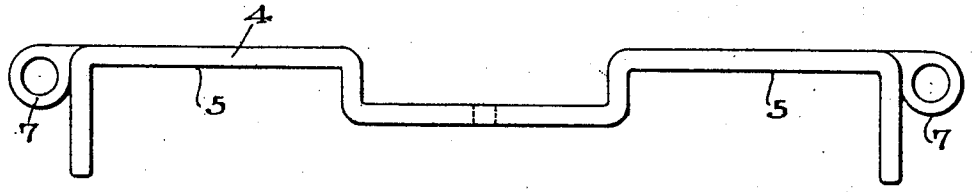


Fig. 2.

Witnesses
J. M. Haines.
A. A. Clark

Inventors,
Harry Anderson.
and Joseph F. Kane.
by Joshua R. H. Howe
Their Attorney

UNITED STATES PATENT OFFICE.

HARRY ANDERSON AND JOSEPH F. KANE, OF CHICAGO, ILLINOIS.

CLAMPING DEVICE FOR PAPER-HANGERS' OUTFITS.

1,313,047. Specification of Letters Patent. Patented Aug. 12, 1919.

Application filed May 15, 1916. Serial No. 97,695.

To all whom it may concern:

Be it known that we, HARRY ANDERSON, a subject of the King of Norway, (who has declared his intention of becoming a citizen of the United States,) and JOSEPH F. KANE, a citizen of the United States, and residents of the city of Chicago, county of Cook, and State of Illinois, have jointly invented certain new and useful Improvements in Clamping Devices for Paper-Hangers' Outfits, of which the following is a specification.

Our invention relates to improvements in clamping devices for use in connection with a paper-hanger's outfit whereby the pasteboard, trestle bars and straight-edge used by a paper-hanger may be securely fastened together so as to permit of ready carriage and transportation of the same.

The object of our invention is the production of a clamping device, as mentioned, which will be of durable and economical construction, one which may be readily and easily attached and detached, and one which when in use, will be adapted to securely hold the above-referred to parts of a paper-hanger's outfit together.

Other objects will appear hereinafter.

With these objects in view, the invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a front elevation of a paper-hanger's outfit to which is applied a clamping device embodying the invention,

Fig. 2 is an enlarged side elevation of one of the clamping members of the device detached, and

Fig. 3 is a section taken on substantially line *x*—*x* of Fig. 1.

The preferred form of construction, as illustrated in the drawings, is used in conjunction with the conventional pasteboard 1 used by a paper-hanger, the trestle bars 2 which are used for the support of said pasteboard, when in use, and the conventional straight-edge 3 which is used in connection with said pasteboard in the cutting and pasting of the paper.

The device for fastening these parts together comprises two clamping members 4 which are adapted to be arranged upon one side of the board 1, extending transversely thereof and spaced apart, as clearly illustrated in Fig. 1. Said members 4 are formed preferably of metal, and each is formed at its inner side, and at the ends thereof, with channels 5 which are adapted to embrace and snugly receive the trestle bars 2 which are divided into two groups and arranged longitudinally upon the side of the board upon which the clamping members are arranged, as clearly shown in Fig. 1. The members 4 are secured to the board 1 by means of bolts 6 and coöperating thumb nuts 6′, said bolts passing through alining openings provided in said board and the central portions of said clamping members, and also through registering openings provided in the straight-edge 3, which is positioned between the clamping members 4 and the adjacent side of the pasteboard, as clearly shown in Fig. 3. With this arrangement, it will be seen, that said bolts and cooperating thumb nuts will serve to fasten the board, straight-edge and clamping bars together, said clamping members, in turn, being adapted to securely hold the trestle bars in position upon the thumb nuts 6′ being tightened, as will be readily understood. The construction is such, as will be seen, that the parts may be readily and expeditiously assembled and secured together, and as expeditiously released and disconnected when it is desired to set up the outfit for use.

Formed at the ends of the clamping members 4 are eyes or loops 7 which afford means of connection with the snap hooks 8, provided at the ends of the strap 9, which is usually employed for carrying an outfit of this character. A loop 7 is provided at each end of each of the clamping members so that it will make no difference which end of the clamping member is uppermost, since either end will be adapted for engagement with the hooks of the supporting strap. The lower loops, if desired, may also be used for the support of other articles carried by a paper-hanger.

While we have illustrated and described the preferred form of construction for carrying our invention into effect, this is capable of variation and modification without departing from the spirit of the invention. We, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail ourselves of such vari-

ations and modifications as come within the scope of the appended claims.

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

1. In a clamping device for a paper-hanger's outfit, the combination with a board and other supplemental members to be connected together, said members being arranged upon one side of said board, of a pair of spaced clamping members arranged upon said side of said board; a channel at the inner side of each of said clamping members at each end thereof for the reception of said supplemental members; means for securing said clamping members to said board; and loops on the ends of said clamping members for connection with a supporting element, substantially as described.

2. In a clamping device for a paper-hanger's outfit, the combination with a paper-hanger's pasteboard, trestle bars and a straight-edge arranged upon one side of said board extending longitudinally thereof, said trestle bars being divided into two groups with said straight-edge positioned between the same, of a pair of spaced clamping members arranged upon said side of said board extending transversely thereof; channels provided at the inner side of each of said clamping members at the ends thereof and extending transversely thereof, the channels of one of said clamping members alining with those of the other and being adapted to embrace said trestle bars, the central portions of said clamping members registering with said straight-edge; and bolts passing through the registering portions of said clamping members and said straight-edge for fastening the same to said pasteboard and for pressing said clamping members into clamping engagement with said trestle bars, substantially as described.

3. In a clamping device for a paper-hanger's outfit, the combination with a paper-hanger's pasteboard, trestle bars and a straight-edge arranged upon one side of said board extending longitudinally thereof, said trestle bars being divided into two groups with said straight-edge positioned between the same, of a pair of spaced clamping members arranged upon said side of said board extending transversely thereof; channels provided at the inner side of each of said clamping members at the ends thereof and extending transversely thereof, the channels of one of said clamping members alining with those of the other and being adapted to embrace said trestle bars, the central portions of said clamping members registering with said straight-edge; bolts passing through the registering portions of said clamping members and said straight-edge for fastening the same to said pasteboard and for pressing said clamping members into clamping engagement with said trestle bars; and means on said clamping members for connection of a supporting element thereto, substantially as described.

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

HARRY ANDERSON.
JOSEPH F. KANE.

Witnesses:
JOSHUA R. H. POTTS,
HELEN S. LILLIS.

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