

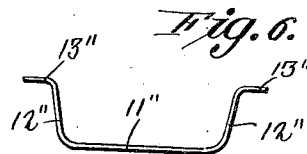
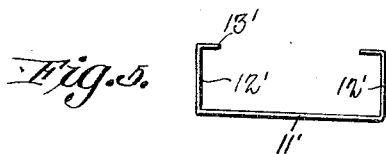
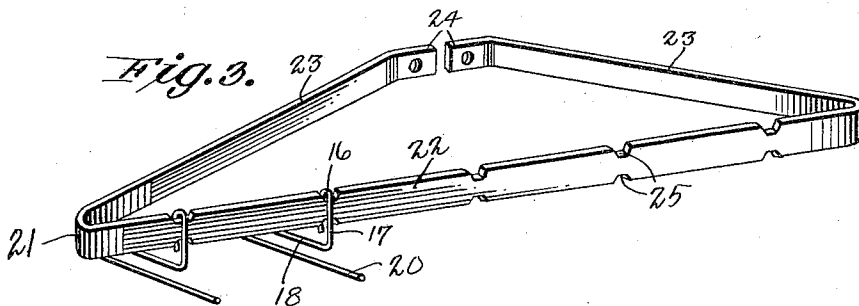
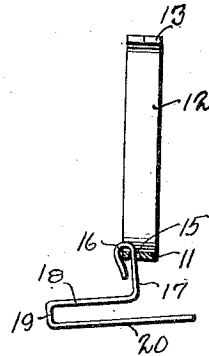
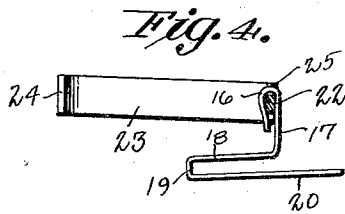
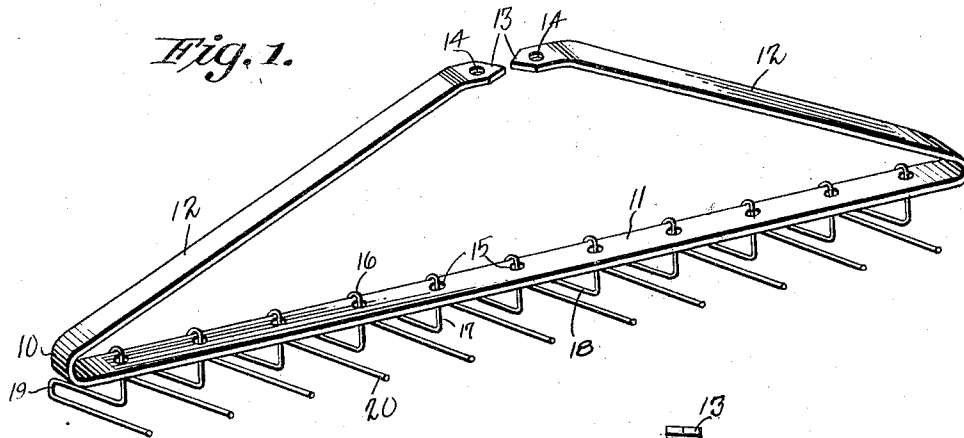
Aug. 9, 1932.

H. H. A. HULSEBERG

1,870,729

TIE RACK

Filed June 10, 1929



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UNITED STATES PATENT OFFICE

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TIE RACK

Application filed June 10, 1929. Serial No. 369,673.

This invention relates in general to supports and more particularly to tie supports.

One object of this invention is the construction and assembly of a tie support which will positively retain the ties thereon, although a tie may be removed therefrom without dislodging or disarranging the remaining ties carried by the rack.

Another object of this invention is the production of a simple supporting frame having a number of open hooks mounted thereon, whereby ties may be readily placed upon or removed from the tie rack.

Another object of this invention is the construction and assembly of the tie rack in such manner that the frame thereof may be secured in a perpendicular or a horizontal plane, as the occasion may require, while the hooks will depend beneath the frame in either instance.

Another object of this invention is the production of a tie rack which, while possessed of the foregoing objects, is formed of a minimum number of parts and may therefore be very cheaply constructed.

With the foregoing and other objects in view, this invention consists of certain novel and useful parts, arrangements and combinations, as will be more fully described hereinafter and are illustrated in the accompanying drawing, in which

Fig. 1 is a perspective view of a tie rack, showing my new invention;

Fig. 2 is a transverse sectional view of the tie rack illustrated in Fig. 1;

Fig. 3 is perspective view of a slightly modified form of tie rack, a number of the hooks being removed;

Fig. 4 is a transverse sectional view through the tie rack illustrated in Fig. 3;

Fig. 5 is a diagrammatic view of still another form of the frame; and

Fig. 6 is another diagrammatic view of another modification of the frame.

Referring more specifically to the drawing, in which like reference numerals indicate like parts in the several views, 10 indicates the frame of the tie rack. This frame 10 is preferably formed from a suitable strip of metal and consists of an elongated body portion 11

having converging arms 12 extending upwardly or rearwardly, depending upon the position of the frame, from the end portions of the body portion 11. The arms 12 terminate in off-set flat ears 13, through which are formed the apertures 14, whereby suitable securing means may be passed for fixedly mounting the tie rack upon a suitable support.

The body portion 11 of the frame 10 has a number of hook-receiving openings 15 formed therein, through which the loop-like eyes 16 of the hooks 17 extend, as illustrated in Fig. 2. Each hook is preferably formed from a strip of metal or wire and consists of an upper leg 18 and a lower leg 20, which are connected together by the web 19, thus forming a substantially U-shaped open loop. It will be noted that the leg 20 is considerably longer than the upper leg 18 and for this reason will protrude beyond the front of frame 10, thus allowing ready access to the hooks, to permit the placing of ties thereon or the removal of ties therefrom.

The loose mounting of the hooks upon the frame, as has just been described, permits the frame 10 to be secured under a shelf, at which time the frame will extend in a perpendicular plane, or the frame may be secured upon the face of a wall, door or back-board, at which time the frame will be extending in a horizontal plane. The frame 10 may be fastened on its support by any suitable means, not being deemed necessary to be herein illustrated. It is apparent that owing to the loose manner of mounting the hooks upon the frame that regardless of the manner in which the frame extends when the frame 10 is mounted upon its support, the hooks will depend below the frame so that each U-shaped loop will extend in a horizontal plane under all conditions. Therefore, the hooks will always be in proper positions to support ties placed thereon and without allowing the ties to be dislodged or drop therefrom. Since the long leg 20 protrudes beyond a perpendicular plane extending across the front of the frame 10, ties may be readily slipped upon the hook or be removed therefrom. The construction of the hooks gives them a

central balance under all conditions, thereby causing them to properly support the ties placed thereon.

In Figs. 3 and 4 a slightly modified frame is provided for the tie rack. This frame comprises an elongated body 22 and the arms 23 extend rearwardly from the body 22 and converge toward each other and terminate in the flat ears 24. The ears are provided in order that suitable securing means may be engaged therewith for mounting the tie rack upon a suitable support. The body 22 has a number of notches 25 formed in the side edges thereof. These notches are formed in pairs and the notches of each pair are in alignment with each other and in a plane extending transversely across the body 22.

When this frame 21 is used the eyes 16 of the hooks 17 are snapped over the body 22 to fit within the notches 25. The hooks will thus be held from sliding along the body 22 and will be held from disengaging the body, but they are mounted so as to depend below the frame and operate in exactly the same manner they do when mounted upon the frame 10, this mode of operation being set forth hereinabove and not being deemed necessary to be again repeated.

In Fig. 5 another modification of the frame 10 is shown diagrammatically. This form of the frame has the usual body 11' and the arms 12' extend from the end portions of this body 11'. In this instance, however, the arms extend at right angles to the body and parallel to each other. The arms 12' terminate in the usual ears 13', these ears 13' extending at right angles to the arms 12' and toward each other and parallel to the body 11'. This frame may be mounted upon a support in the same manner in which the frame 10 is mounted upon a support.

In Fig. 6 still another modification of the frame 10 is illustrated diagrammatically. In this modification the body 11'' has the arms 12'' extending from its end portions. These arms 12'' diverge with respect to each other and terminate in the ears 13''. The ears 13'' extend outwardly from the arms 12'' and in the opposite directions with respect to each other. The ears 13'' are in a plane extending parallel to the body 11'', whereby the frame may be mounted upon a support and the body will be properly spaced from the support.

As above set forth, the frames shown in Figs. 5 and 6 are illustrated diagrammatically and it is not deemed necessary to illustrate the hooks mounted thereon.

While I have specifically illustrated and described certain modifications of my tie rack, I do not wish to limit the construction of my invention to these specific modifications, since changes may properly be made in any particular without departing from the spirit of the invention, as long as such

changes do not exceed the scope of the invention as claimed. It is obvious, for example, that the frame and hooks may be made of any desired material and may be of any desired size and formed in any desired manner. The invention having been illustrated and described, what I claim is new and desire to cover by Letters Patent is:

As a new article of manufacture, a tie rack formed from a blank strip of comparatively narrow material having the ends thereof bent inwardly to constitute inwardly converging arms and a flat transversely extending body, the arms and body all extending substantially in the same plane, said arms terminating in offset flat ears extending toward each other and projecting substantially parallel to the body portion and adapted to receive means for securing the arms firmly in engagement with a support at a point intermediate the ends of said body, the body portion being provided with a plurality of spaced eye receiving portions and tie supporting hooks engaging said eye receiving portions.

In testimony whereof I hereunto affix my signature.

HERMAN H. A. HULSEBERG.