Feb. 24, 1931. J. H. VICTOR 1,793,766

SHEET PACKING RACK

Filed Dec. 17, 1926

Fig. 1.

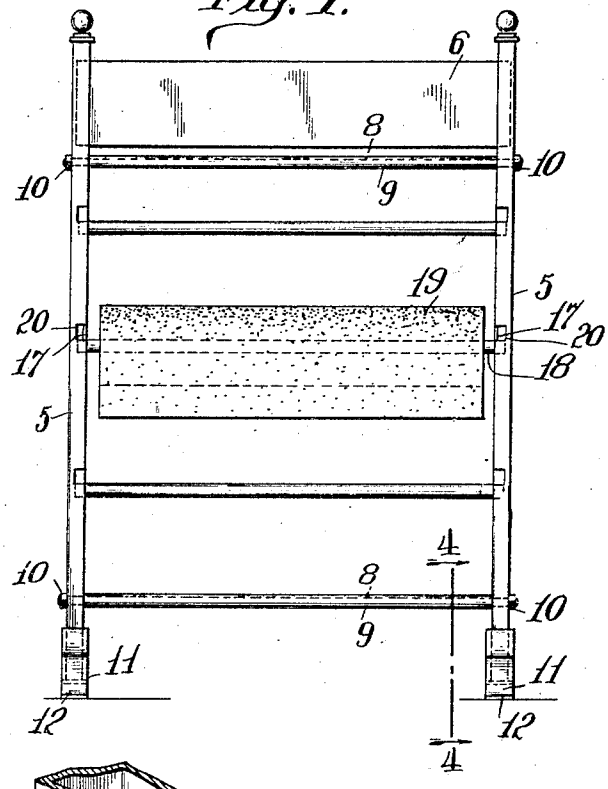


Fig. 2.

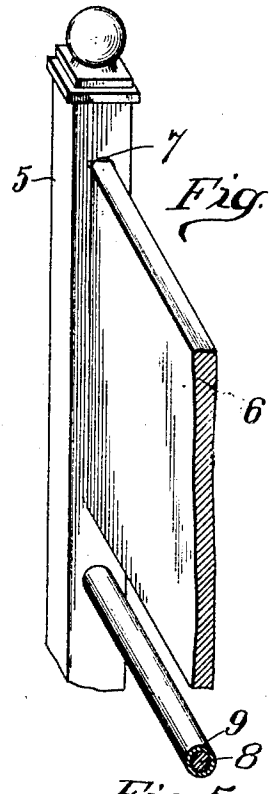


Fig. 3.

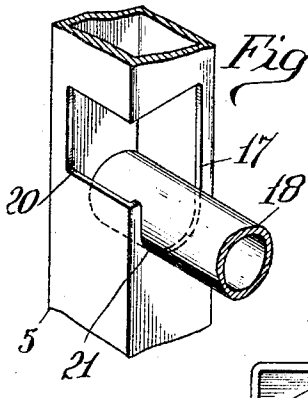


Fig. 6.

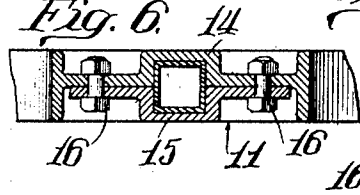


Fig. 5.

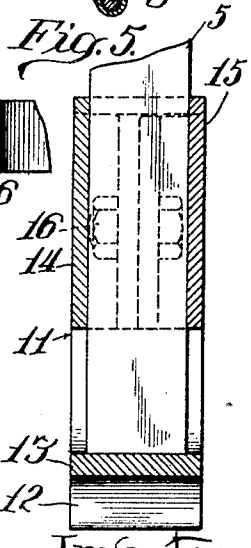
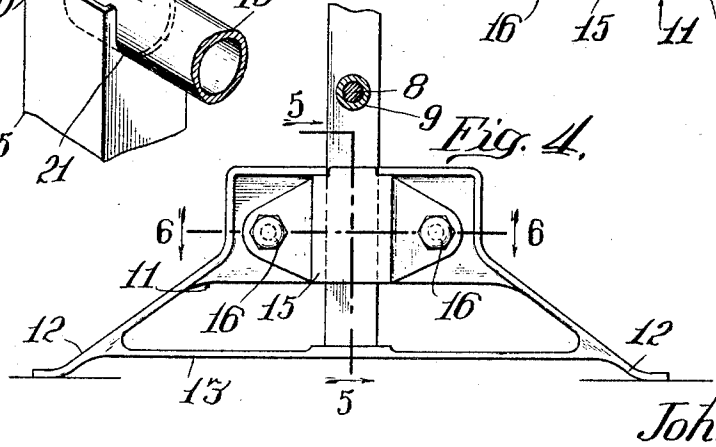


Fig. 4.



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Patented Feb. 24, 1931

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UNITED STATES PATENT OFFICE

JOHN H. VICTOR, OF CHICAGO, ILLINOIS, ASSIGNOR TO VICTOR MANUFACTURING & GASKET CO., A CORPORATION OF ILLINOIS

SHEET-PACKING RACK

Application filed December 17, 1926. Serial No. 155,462.

My invention relates to roll retaining or supporting racks and particularly to that class employed for supporting a plurality of rolls of sheet material to be unwound therefrom as needed.

The principal object of the invention is to provide a rack for roll material so constructed as to facilitate mounting of the rolls on the frame or their removal therefrom when desired.

Another object of the invention is to provide a rack of this type which is rigidly constructed, will support a maximum load and is generally built to withstand rough usage and wear.

The invention also contemplates means for mounting the mandrels of roll material such as packing, permitting their ready engagement or disengagement with and from the rack and which when associated with the rack to support the rolls positively holds the mandrels against accidental disengagement.

In the accompanying drawings wherein a practical embodiment of the invention is illustrated:

Figure 1 is a front elevation of my improved roll retaining rack.

Figure 2 is a fragmentary perspective of the same with parts shown in cross section.

Figure 3 is a similar view illustrating the roll carrying mandrel mounting embodied in the invention.

Figure 4 is a vertical sectional view taken on line 4—4 of Figure 1.

Figure 5 is a similar view taken on line 5—5 of Figure 4; and

Figure 6 is a horizontal sectional view taken on line 6—6 of Figure 4.

Referring to the invention in detail wherein the preferred embodiment thereof is illustrated in the accompanying drawing a pair of spaced parallel vertical standards 5 are formed from tubing, and in this instance are illustrated as rectangular in cross section. In order to brace the standards 5, a horizontal panel 6 is arranged between them at their upper ends and has its opposite ends projected through vertical slots 7 provided in the opposed faces of the standards.

For securing the standards assembled with the panel 6 and to generally brace the former, tie rods 8 extend horizontally from one standard to the other adjacent their opposite ends and have their ends extended transversely through the standards.

A spacing sleeve 9 is received on each of the tie rods with their ends abutting the opposed faces of the standards. Nuts 10 are threaded upon the ends of the tie rods to secure the parts together.

Supporting feet 11 are provided for the standards 5 and each includes a casting having divergent legs 12 connected by a horizontal brace bar 13. As illustrated in Figure 6, the rack casting is formed with a substantially U shaped groove 14 to receive the lower ends of the standards 5. The extremities of the standards rest upon a finished boss as formed on the brace bars 13, and U shaped straps 15 arranged in opposed relation to the seats 14 embrace the standards 5, the straps 15 being secured by detachable fastenings 16.

The invention contemplates a novel mounting for facilitating the engagement and removal with and from the rack, rolls of material from which gaskets are manufactured. To that end the standards 5 are provided with pairs of horizontally aligned slots 17 for the reception of the ends of tubular mandrels 18 carrying rolls of gasket material 19. As illustrated the slots 17 extend vertically of the opposed faces of the standards and communicate with branch slots 20 extending transversely of the front faces of the standards. The lower ends of the vertical slots 17 extend below the slots 20 and are rounded to provide bearings 21 for the mandrels 18 to permit rotation of the latter as the gasket material is pulled or unwound from the rolls.

It will be manifest that the ends of the mandrels are insertable through the branch slots 20 and drop below these branch slots to lie in the bearings 21. Due to the fact that the bearings 21 are below the slots 20 it is impossible for the mandrels to become accidently removed. To remove the mandrels it is necessary to lift them to the height of the branch slots 20, from where they can be removed.

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Having described my invention what I desire to protect and claim as new is:

1. An article of the character described comprising, in combination, a foot, adapted to be attached to and support a standard, having legs connected near one end by a brace and supporting bar, a web connecting the other end of said legs, a transverse groove in said web adapted to receive said standard with the end of said standard resting upon and supported by said brace bar, and a strap secured to said web and co-operating with the groove therein to embrace and detachably secure the foot to said standard.

2. An article of the character described comprising, in combination, a foot, adapted to be attached to and support a standard, having legs connected near one end by a brace and supporting bar, a web connecting the other end of said legs, a transverse groove in said web adapted to receive said standard with the end of said standard resting upon and supported by said brace bar, and a substantially U-shaped strap secured to said web and cooperating with the groove therein to embrace and secure detachably the foot to said standard.

3. An article of the character described comprising, in combination, a foot, adapted to be attached to and support a standard, having divergent legs connected near their one end by a transverse brace and supporting bar, the other end of said legs being connected by a web, a groove extending transversely of said web adapted to receive substantially half of one end of said standard with the end of said standard resting upon and supported by said brace bar, and a substantially U-shaped strap secured to said web and co-operating with the groove therein to embrace and secure detachably the foot to said standard.

4. An article of the character described comprising, in combination, a casting having divergent legs connected near their ends by a transverse brace and supporting bar, the other end of said legs being connected by a web having a substantially U-shaped lateral groove therein adapted to receive substantially half of one end of a frame standard with the end of said standard resting upon and supported by said brace bar, and a substantially U-shaped strap secured to said web and co-operating with the groove therein to embrace the standard to secure detachably the same to said foot.

5. An article of the character described comprising, in combination, a foot, adapted to be attached to and support a standard, having legs connected near one end by a supporting bar, a web connecting the other end of said legs, a groove in said web adapted to receive said standard, the end of said standard abutting said supporting bar, and a strap secured to said web and co-operating with the groove to embrace the standard to secure detachably the foot to said standard.

In testimony whereof I affix my signature at 10 South LaSalle St., Chicago, Illinois.

JOHN H. VICTOR.