Dec. 29, 1959 W. F. SINAWSKI 2,919,032

SKI RACK

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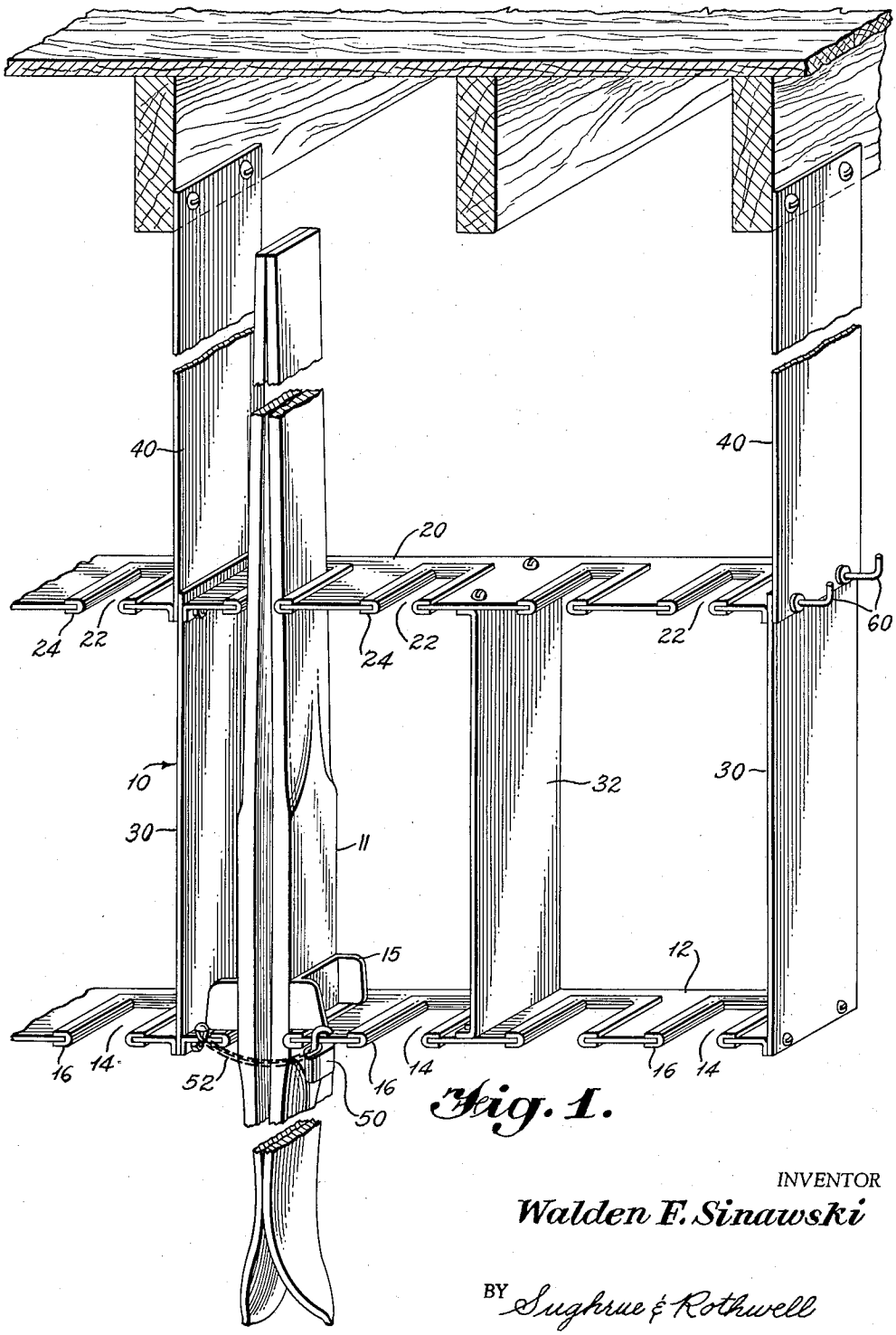


Fig. 1.

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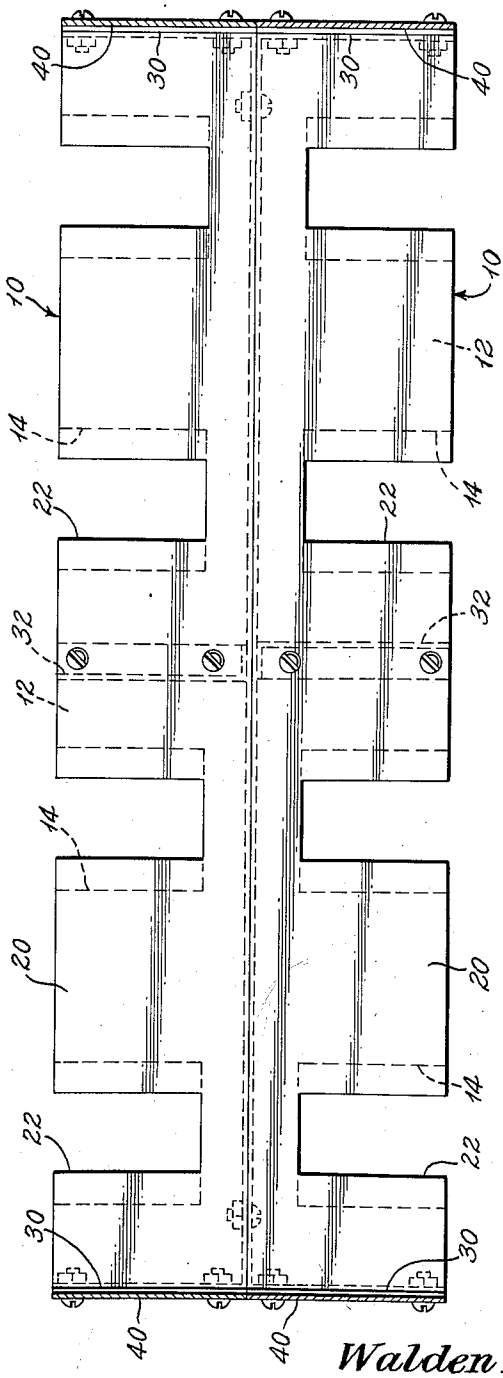
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Fig. 2.



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United States Patent Office

2,919,032

Patented Dec. 29, 1959

2,919,032

SKI RACK

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Application February 25, 1957, Serial No. 641,950

1 Claim. (Cl. 211—60)

This invention relates to an improved ski rack.

In the increasingly popular sport of skiing, there is a need for a device for racking skis when not in use and, more particularly, a device for racking and holding a plurality of pairs of skis, and for racking the skis in a manner to obtain even stress distribution and prevent distortion. If the skis are racked in a public place, it is also desirable to provide means for locking each individual pair of skis in the rack. This invention incorporates features for accomplishing the above-stated results. With the rack of the present invention, a plurality of pairs of skis may be hung from the toe irons of the ski bindings, thereby preventing distortion of the skis.

The objects of this invention are as follows: To provide a ski rack for racking pairs of skis and preventing distortion while racked; to provide a ski rack having means for locking individual pairs of skis within the rack; to provide a ski rack which may be hung from the floor joists, attached to the wall, set on the floor, or put in a closet to save space; to provide a ski rack having means to prevent scratching or marring of the skis while racked; and to provide a ski rack having hooks thereon for hanging ski poles or other equipment.

Further objects and advantages will be apparent on the following description taken in connection with the accompanying drawings wherein:

Fig. 1 is a perspective view of the ski rack showing a pair of skis racked therein:

Fig. 2 is a plan view of a modification of the ski rack.

Referring to Fig. 1, wherein a ski rack adapted to be hung from lower or ceiling joists is shown, in the preferred construction, the ski rack, generally designated by the numeral **10**, comprises a horizontal support member **12** having a plurality of U-shaped pockets **14** therein. Each pocket is of sufficient width to clear a pair of skis **11** without toe irons **15** when positioned bottom to bottom, and to obstruct a pair of skis having toe irons when positioned bottom to bottom. Hence, when a pair of skis are placed bottom to bottom they can be racked by hanging the pair of skis from the toe irons, or other ski bindings. This method of racking places no bending stress on the skis and will prevent distortion of the skis. In addition, the skis may be blocked while in the rack, to maintain camber. The edge of each U-shaped pocket **14** is lined with a resilient material bushing **16** to prevent damage to the surface of the skis.

The rack is also provided with an upper retaining member **20** having U-shaped pockets **22** lined with resilient beading **24**. These pockets are positioned above the pockets **14** in the support member **12** and function to guide and hold a pair of racked skis in a vertical position.

A vertical end support **30** and a suitable number of intermediate supports **32** space and position the retaining member **20** above the support member **12**.

The rack may be any desired length and may be hung from floor joists by hanging members **40** or attached directly to the side of a wall, or supported from the floor. The versatility of the mounting arrangements make the rack suitable for ski lodges and shelters, homes, or closets of apartments.

Locking means, such as a conventional lock **50**, and chain **52** are provided for each pocket **14** of the support member **12**.

Suitable hooks **60** are provided at the ends of the rack for hanging ski poles, articles of clothing, and the like.

In the modification shown in Fig. 2, both the support member **12** and the guide member **20** have pockets **14** and **22** on each side thereof. When this assembly is hung from a floor joist, or provided with legs for support from the floor, skis may be racked in each side of the rack, thereby doubling the capacity of the rack.

The embodiments shown are for the purpose of illustration only and other equivalents will be apparent to those skilled in the art. Therefore, applicant claims the full range of equivalents in the appended claim.

I claim:

In combination with at least one pair of skis, the skis having toe irons attached thereto and being assembled in back to back relationship with the toe irons extending outwardly, an improved rack for supporting said assembled skis without distortion, the ski rack comprising, a horizontal elongated ski support member, means defining a plurality of U-shaped openings in the support member, the openings in the support member having parallel sides and being of less width than the ends of the extending toe irons on the assembled skis and of greater width than the thickness of the assembled skis without toe irons, the depth of the openings being at least equal to the width of the assembled skis, a horizontal elongated ski retaining member positioned directly above the ski support member, means defining a plurality of U-shaped openings in the retaining member, the openings in the retaining member having parallel sides and being of less width than the openings in the support member and having the same depth as the openings in the support member, each opening in the retaining member being centered directly above each opening in the support member to vertically retain the assembled pair of skis supported by their toe irons on the support member, vertical support members connected to the support member and retaining member to positively position the retaining member a predetermined distance above the support member, hook means on the ski rack for supporting auxiliary ski equipment, and means for fastening and supporting the ski rack as a unit from a structure.

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