June 13, 1933. L. MOORE 1,914,276

TOOL RACK

Filed Sept. 17, 1931

Fig. 1.

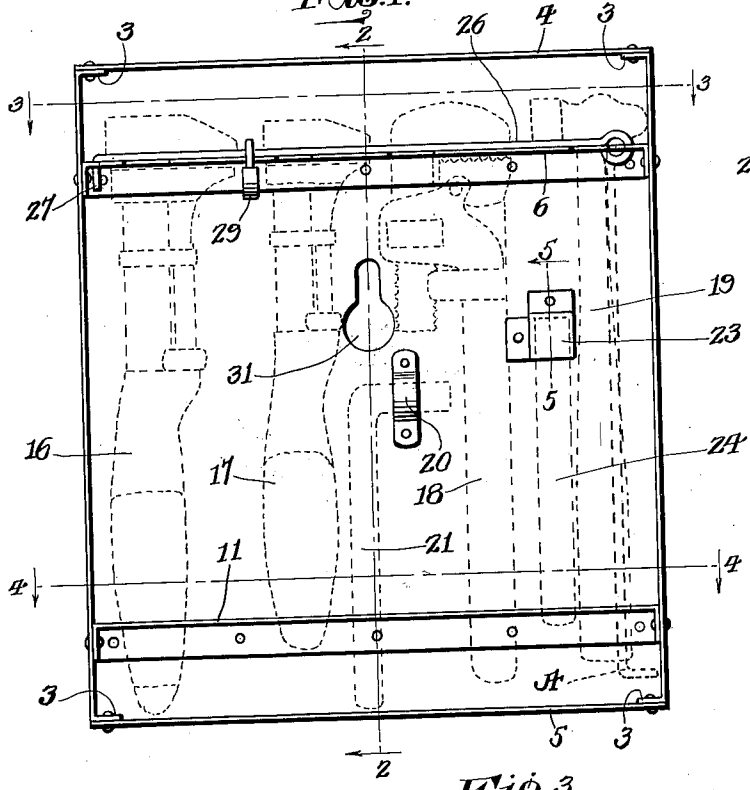


Fig. 2.

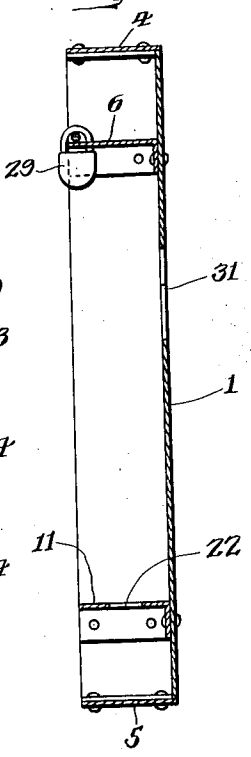


Fig. 3.

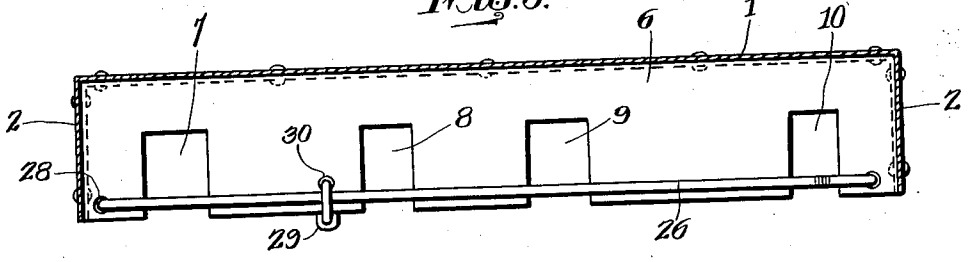


Fig. 4.

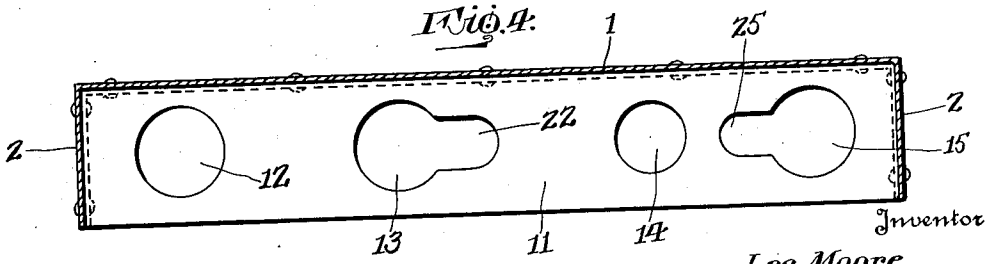
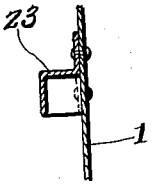


Fig. 5.



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UNITED STATES PATENT OFFICE

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TOOL RACK

Application filed September 17, 1931. Serial No. 563,388.

This invention relates to a tool rack and has for its primary object to provide, in a manner as hereinafter set forth, a rack for mounting an assortment of tools in such a manner that all of the tools will be plainly visible in order that the proper tool may be selected without loss of time.

A further object of the invention is to provide a rack of the character aforesaid in which the tools may be readily locked in position by a single element, and from which the tools may be readily withdrawn upon the release of the locking element.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more particularly described, and as illustrated in the accompanying drawing wherein is shown an embodiment of the invention, but it is to be understood that the description and drawing are to be considered as illustrative rather than limitative.

In the accompanying drawing in which like numerals are employed to designate like parts throughout the several views:

Figure 1 is a front elevation of a tool rack in accordance with this invention with an assortment of tools indicated therein in dotted lines.

Figure 2 is a section taken on the line 2—2 of Figure 1.

Figure 3 is an enlarged section taken on the line 3—3 of Figure 1.

Figure 4 is an enlarged section taken on the line 4—4 of Figure 1.

Figure 5 is a fragmentary section taken on the line 5—5 of Figure 1.

The rack as shown includes a rear wall 1 having formed integrally therewith a pair of side walls 2. At the top and bottom thereof, the side walls 2 are formed with inturned flanges 3 to which are secured a top wall 4 and a bottom wall 5. The walls 1, 2 and 4 provide an open front rectangular container.

In spaced relation to the top wall 4, and secured to the rear wall 1 and side walls 2, is a partition 6 which is formed in its forward edge with a plurality of recesses 7, 8, 9 and 10. In spaced relation to the bottom wall 5, and secured to the rear wall 1 and side wall 2, is a partition 11 which is formed with a plurality of openings 12, 13, 14 and 15. The recesses 7, 8, 9 and 10 are adapted to receive therein an assortment of tools, the handles of which project through the openings 12, 13, 14 and 15. By way of example, an assortment of tools for such dispostion is shown which consists of a monkey-wrench 16, a smaller monkey-wrench 17, a pipe wrench 18, and a hammer 19.

Having its ends secured to the rear wall 1, substantially midway between the partitions 6 and 11, is an arcuate strap 20 which is adapted to receive therein the upper end of a tool such as a grease cup wrench 21, the latter being positioned in a manner to extend in parallel relation to the wrench 17 and having its lower end projecting through an extension 22 of the opening 13. Also secured to the rear wall 1 is a clamp 23 which is adapted to receive therein the upper end of a tool such as a cold-chisel 24 which extends in parallel relation to the tool 19 and has its lower end projecting into an extension 25 of the opening 15.

In order that the tools may be locked in their proper positions, a lock or retaining bar 26 is provided which is pivotally connected with the partition 6 adjacent one end of the latter. The opposite end of the lock bar 26 is formed with a hook 27 for projection through an opening 28 in the partition 6. The hook 27 is maintained within the opening 28 by means of a suitable padlock 29 which encircles the bar 26 and extends through an opening 30 in the partition 6. When the lock bar 26 is secured in its locked position, the same extends across the recesses 10, 9, 8 and 7 in front of the tools within the

recesses to prevent removal of such tools. With the tools 17 and 19 thus locked in position, they provide an obstruction to prevent the removal of the tools 21 and 24. When it is desired to remove the tools, the lock 29 is removed and the hook 27 is withdrawn from the opening 28, after which the lock bar 26 is permitted to swing to the position shown in dotted lines and designated A in Figure 1. In order that the rack may be conveniently suspended from a nail or the like, not shown, the rear wall 1 is provided with an opening 31.

It is thought that the many advantages of a tool rack in accordance with this invention will be readily apparent, and although the preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the size, shape and arrangement of parts may be resorted to, so long as such changes fall within the scope of the invention as defined in the appended claims.

What I claim is:—

1. A tool rack comprising a flat rear wall, a pair of outwardly directed side walls integral with the rear wall and having inwardly extending flanges at the ends thereof, outwardly extending top and bottom walls secured against said flanges, upper and lower outwardly extending transversely disposed partitions interposed between said side walls and positioned between the transverse median of the rear wall and said top and bottom walls, each of said partitions having rear and end flanges, said flanges secured to the rear and side walls, said upper partition having a set of spaced openings in proximity to its outer edge, said set consisting of a pair of outer openings and an inner opening, said upper partition formed with spaced recesses opening at its outer edge for the passage of tools, said lower partition being formed with openings aligning with said recesses for the passage of tools, a retaining bar having a hook at one end and an eye at its other end, said hook for extension through one outer opening of the said set, said eye coupled to the upper partition by engagement with the other outer opening of the set, and means for locking the bar to the intermediate opening of the said set.

2. A tool rack comprising a rear, top, bottom and a pair of side walls, upper and lower transversely extending spaced partitions parallel to said top and bottom walls, arranged between said side walls and secured to the latter and to said rear wall, said upper partition having a set of spaced openings in proximity to its outer edge, said set consisting of a pair of outer openings and an inner opening, said upper partition formed with spaced recesses opening at its outer edge for the passage of tools, said lower partition being formed with openings aligning with said recesses for the passage of tools, a retaining bar having a hook at one end and an eye at its other end, said hook for extension through one of the outer openings of the said set, said eye coupled to the upper partition by the other outer opening of the said set, and means for locking the bar to the intermediate opening of the said set.

In testimony whereof, I affix my signature hereto.

LEE MOORE.