

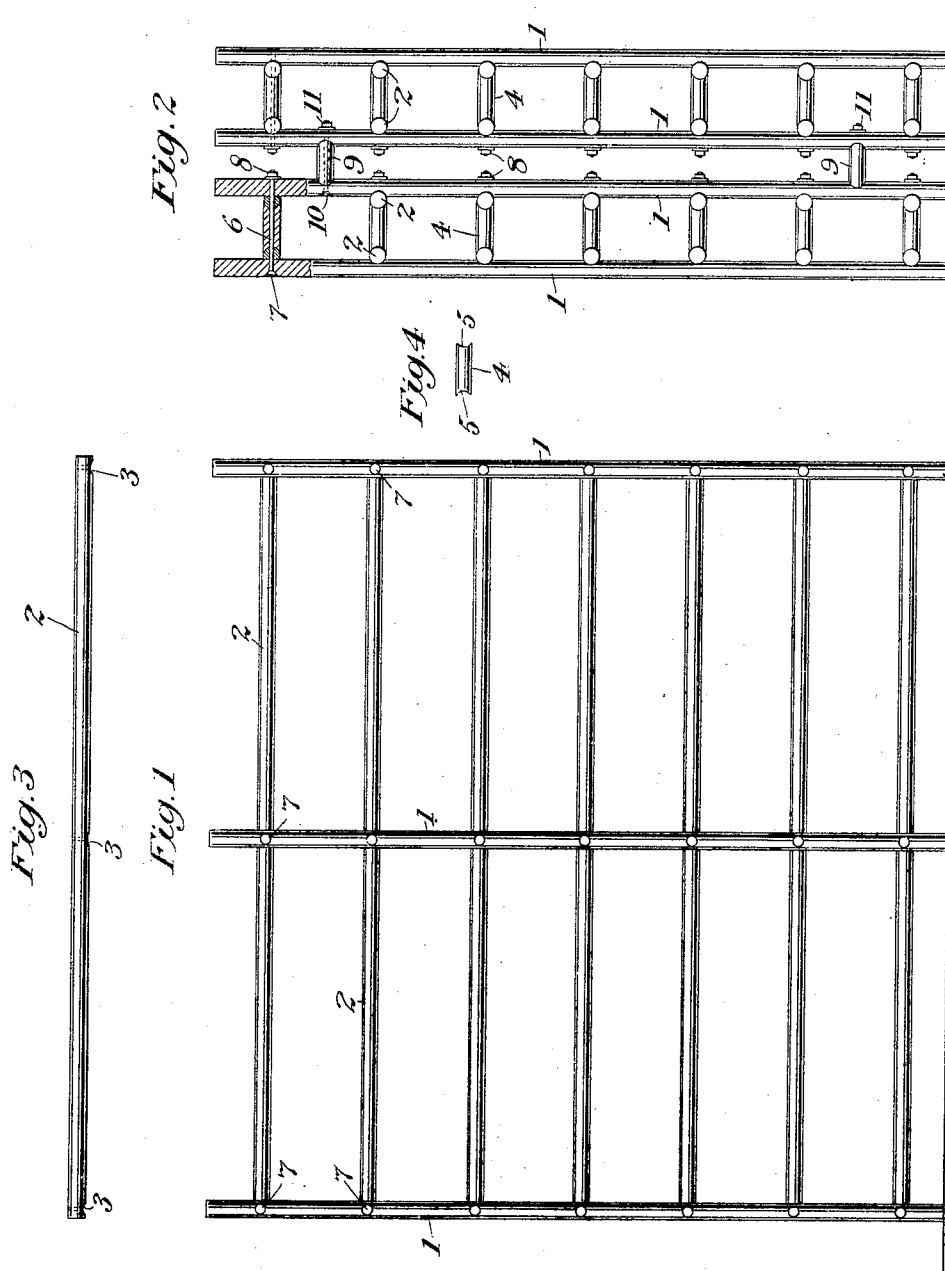
No. 805,073.

PATENTED NOV. 21, 1905.

M. KELLOGG.

RACK FOR HOLDING TYPE WRITERS AND THE LIKE.

APPLICATION FILED MAY 5, 1905.



Witnesses:

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UNITED STATES PATENT OFFICE.

MILTON KELLOGG, OF NEW YORK, N. Y.

RACK FOR HOLDING TYPE-WRITERS AND THE LIKE.

No. 805,073.

Specification of Letters Patent.

Patented Nov. 21, 1905.

Application filed May 5, 1905. Serial No. 259,001.

To all whom it may concern:

Be it known that I, MILTON KELLOGG, a citizen of the United States, residing in New York city, county and State of New York, have invented certain new and useful Improvements in Racks for Holding Type-Writers and the Like, of which the following is a full, clear, and exact specification.

My invention relates to racks for holding or storing type-writing machines, and has for its object to produce a strong, compact, and light structure adapted to hold a considerable number of such machines in a small space, so that they may be easily and rapidly distinguished and removed from position when desired. My improved rack through its open construction offers no impediment to the light and will not collect dust, and the shape of the parts of which the rack is made renders it unlikely that the hands will be injured in placing or removing a machine. The structure as a whole presents a maximum of strength with the smallest amount of material and is so designed that it may be easily and quickly taken apart and put together again.

Other features of my rack are fully illustrated in the accompanying drawings, wherein—

Figure 1 is a front elevation of a rack constructed according to my said invention. Fig. 2 is an end elevation thereof, partly in section. Fig. 3 is a detail view of one of the resting-bars upon which the type-writing machines are held, and Fig. 4 is a detail view of one of the struts which are placed between the resting-bars.

The vertical posts 1 in the said rack support the horizontal resting-bars 2, upon which the type-writing machines are placed. These vertical posts I prefer to arrange in about the manner shown, with two at each end and two in the middle of each double section. As so arranged, each shelf of each double section is designed to receive six type-writing machines of standard make.

The resting-bars 2 are constructed with slight grooves or channels 3, as shown in Fig. 3, into which are received the adjoining portion of the vertical supporting-posts 1. This forms a lock when the rack is assembled and adds to the stiffness of the rack and insures it at all times against collapsing lengthwise.

The resting-bars are separated and held in place by struts 4, which are placed between said bars at points nearest the vertical posts,

and these struts have concaved or rabbeted ends 5, fitting snugly to the bars. Bolts 6 pass through the vertical posts, horizontal bars, and struts 4, as shown in section in Fig. 2, and have heads 7, which are countersunk in the posts, and threaded ends designed to receive nuts 8, by which the parts are firmly and securely held together.

When the said rack is placed against a wall, I prefer to use one of the double sections, which may then be held from tipping by any suitable bracket. When, however, the rack is to be so used as to be accessible from both sides, I prefer to employ the two connected double sections, as shown, which are held together by devices which, as shown, consist of strut 9, bolt 10, and nut 11, and preferably extend between each of the rear posts of each double section.

I have shown the resting-bars as situated between the vertical posts, as I believe this to be the most convenient distribution of the parts and as the said bars are in a convenient position to be straddled by the projecting rubber feet of the machines, which will prevent the machines being accidentally knocked off.

I have heretofore constructed the said racks of wood and have found that turned wood of one and one-fourth inch diameter will easily support the weight of the number of machines designed to be held by each double section above shown—to wit, forty-two machines, or eighty-four on the entire rack. I prefer to use for the posts and bars, as well as the struts, material which is substantially round in cross-section, first, because of its lightness, strength, and sightliness, and, second, and perhaps more important, because it is not apt to wound the hands in placing machines in place. This I have found to be a desirable feature, as in the ordinary shelves for holding type-writing machines amongst other disadvantages is that in handling the machines, which are unwieldy, the attendant is very apt to wound the hand.

By reason of the manner of securing the parts of my rack together I am enabled to ship them in separate pieces and put them together where desired. The open construction is particularly advantageous in that it does not collect dust and permits the light to pass through readily, thereby rendering it easy to pick out any desired machine. It further renders the racks less expensive to

construct, both in cost of material and labor, and when made they are superior in strength and appearance to the usual shelving and occupy much less space.

5 The succession of regularly-disposed struts 9 and bolts 10, passing through the vertical posts, greatly strengthens the posts under the weight of the type-writers and enables them to bear a load without buckling that they
10 would not otherwise carry, and therefore enables the rack to be lighter.

Having now described my said invention, what I claim, and desire to secure by Letters Patent, is—

15 A rack for holding type-writers and the like, containing a plurality of vertical supporting-posts, arranged in pairs, a plurality

of horizontal resting-bars, similarly arranged and located between said posts, the said posts and bars being substantially round in cross- 20 section, horizontal struts separating each pair of said bars, and tie-bolts passing through said posts, bars and struts, the said bars being grooved to fit against said posts, and the ends of the struts rabbeted to fit said 25 bars, whereby the parts are securely locked together, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

MILTON KELLOGG.

Witnesses:

ADOLPH F. DINSE,
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