

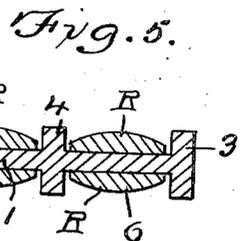
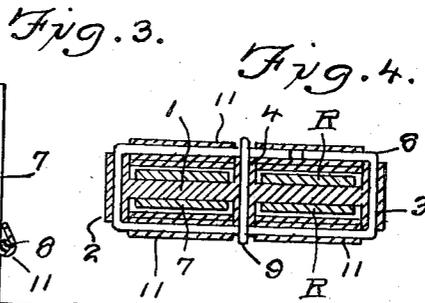
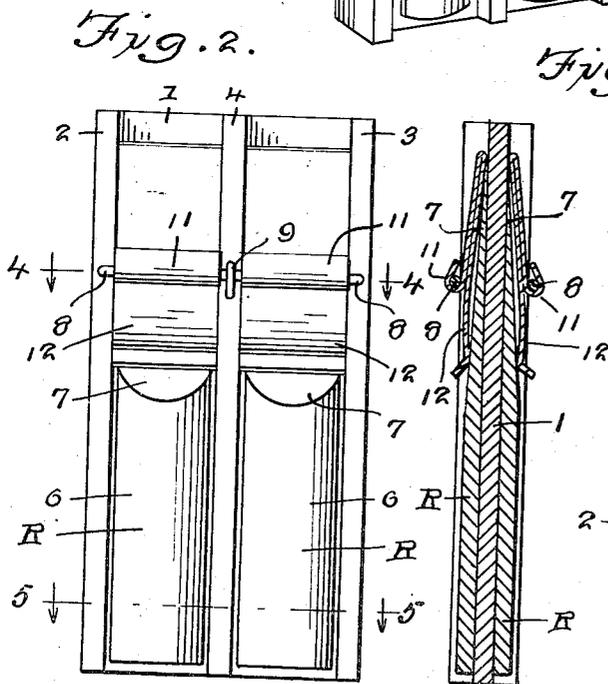
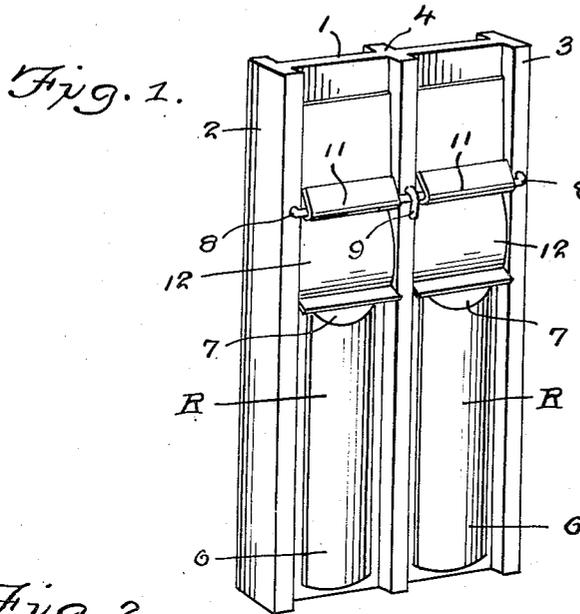
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2,604,978

REED GUARD AND PORTABLE HOLDER FOR WOODWIND REEDS

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REED GUARD AND PORTABLE HOLDER FOR WOODWIND REEDS

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1 Claim. (Cl. 206-16)

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My present invention relates to the general class of special receptacles and packages of the multiple compartment or receptacle type, and more specifically to an improved reed guard and portable holder for woodwind reeds in the nature of a supporting rack or receptacle, which while adapted for various other purposes, is especially designed as part of the equipment of musicians and others for storing, preserving and carrying the reeds of instruments of the woodwind group. The primary purpose of the invention is the provision of a compactly arranged device of this character upon which the reeds may readily be mounted to insure safety against breaking or other damage, and from which the reeds, when desired, may quickly be detached for use, with a musical instrument.

The portable holder, rack, or carrier includes a minimum number of parts that may with facility be manufactured at low cost of production, and the parts may with convenience be assembled to provide a durable holder that is simple in construction and efficient in the performance of its function.

The invention consists in certain novel features of construction and combinations and arrangements of parts as will hereinafter be described and more particularly pointed out in the appended claim.

In the accompanying drawings I have illustrated a complete example of a physical embodiment of my invention in which the parts are combined and arranged in accord with one mode I have devised for the practical application of the principles of the invention. It will, however, be understood that changes and alterations are contemplated and may be made in these exemplifying drawings and structures, within the scope of my claim, without departing from the principles of the invention.

Figure 1 is a perspective view of the multiple-pocket holder or carrier, with four reeds mounted therein; and

Figure 2 is a face view in elevation of the holder, carrier or rack.

Figure 3 is a vertical sectional view of the supporting rack or holder.

Figure 4 is a transverse sectional view at line 4-4 of Figure 2; and

Figure 5 is a transverse sectional view at line 5-5 of Figure 2.

In this embodiment of the invention I have illustrated a holder, carrier or rack having multiple pockets, receptacles, or open compartments, in which four conventional reeds as R, usually

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employed with musical instruments in the woodwind group, are mounted, and from which these reeds may readily be withdrawn for use with complementary musical instruments.

The multiple holder, carrier, or supporting rack, which is preferably of rectangular or oblong shape, and fashioned in suitable material, has a flat rectangular base 1, two parallel transversely arranged side walls 2 and 3, and an intermediate or central partition 4, which provide two spaced channels or compartments forming open pockets, at each side of the holder, to receive the reeds.

Within each open pocket of the base 1 is positioned a conventional reed R having a rounded convex face 6, and the upper portion of this face is inclined or tapered in the usual manner, as at 7.

For retaining the reeds within their pockets a rectangular supporting wire, or rack band 8 preferably of resilient material, is mounted in bores of the two lateral walls 2 and 3, and this rectangular band extends across the four pockets to form part of bridge racks or bridges. The band 8 is adapted to engage or receive the curled member 11. One of these curled members 11 is secured to a plate member 12 which serves to retain the reeds in their pockets. To reinforce the bridge racks formed by the band 8, a connecting brace 9 may be mounted in the central partition 4, with its ends secured to the rack band.

In mounting a reed in a pocket, the outer end or front end of the reed is slipped under the resilient bridge or plate member 12 and the reed is frictionally held in place between the bridge or plate 12 and the base 1. By a reverse movement, the reed may be quickly withdrawn from its pocket when required for use on the musical instrument.

Further, the reed guard and holder of the present invention transfers a flat precision surface to the reed by holding the reed in position through the action of the clip so that those portions of the reed which are most susceptible to atmospheric changes and of becoming damaged will be engaged by the clip. The reed guard and portable holder for woodwind reeds of the present invention will eliminate shrinking and swelling of new reeds caused by atmospheric conditions, and will retain the reeds in their original pattern. Thus, it will be unnecessary for users to discard many newly purchased reeds as is the practice today. Further, by placing new reeds in the holder, and by intermittently wetting and

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drying the reeds while the reeds are held in the holder, the reeds will be retained in their true form as originally designed. The guard or holder of the present invention holds the reeds in position by means of a clip so that distortion of the reeds is eliminated.

In order to relieve new reeds from any distortions that may have been caused through humidity changes, the following procedure is carried out. First, the reed is moistened thoroughly with saliva and is placed on a smooth hard surface with the flat side thereof down. A few minutes are allowed for permitting the moisture to penetrate the reed. Next, the user's thumb is wetted and placed firmly on the reed vamp, and the reed vamp is rubbed in one direction toward the tip several times. Next, the reeds are used for a few minutes, whereupon the user selects the most desirable reed and removes excess moisture therefrom. Afterwards, the reeds are placed in the reed guard for several hours. The above described steps serve to straighten out the wood fibers and generally relieve the reed of distortions.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:

A portable holder for woodwind reeds having inclined faces comprising a flat rectangular base in cross-section, parallel transversely arranged side walls on said base extending outwardly of said base in opposite directions from the plane

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of the base, internal centrally located partitions on said base parallel to and extending in the same direction as said sidewalls, said partitions and said sidewalls forming a pair of open pockets on each face of said base, each of said sidewalls and said partitions having bores therein transversely thereof adjacent one end of said base, a rectangular band passing through the bores in the sidewalls and extending across the pockets, a second band extending through the bore in the partitions and over the first band and a resilient plate member positioned within each pocket between said first band and said base and loosely mounted on said first band with the first band traversing substantially the mid portion of said plate, said plate being adapted to engage the inclined face of the reed to retain the reeds in the pocket.

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REFERENCES CITED

The following references are of record in the file of this patent:

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Number	Name	Date
828,145	Snodgrass	Aug. 7, 1906

FOREIGN PATENTS

Number	Country	Date
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