

S. A. DARRACH.
Whip-Rack.

No. 202,794.

Patented April 23, 1878.

Fig. 3.

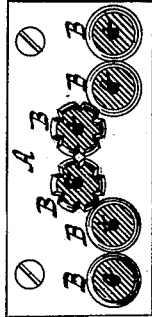


Fig. 2.

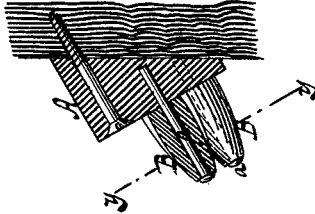
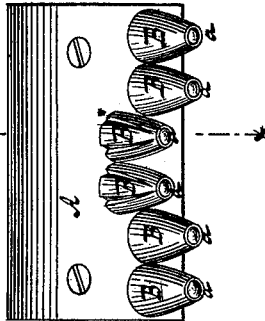


Fig. 1.



Witnesses.
Otto Stufelauer.
Chas. Wählers.

Inventor.
Samuel A. Darrach.
Van Bentwood & Hauff
his attorney

UNITED STATES PATENT OFFICE.

SAMUEL A. DARRACH, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN WHIP-RACKS.

Specification forming part of Letters Patent No. 202,794, dated April 23, 1878; application filed February 13, 1878.

To all whom it may concern:

Be it known that I, SAMUEL A. DARRACH, of Newark, in the county of Essex, in the State of New Jersey, have invented a new and useful Improvement in Whip-Racks, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a front view. Fig. 2 is a transverse section in the plane *x x*, Fig. 1. Fig. 3 is a longitudinal section in the plane *y y*, Fig. 2.

Similar letters indicate corresponding parts.

This invention consists in the combination, with a suitable base-plate, of elastic retaining-nipples, arranged side by side, the rear ends of said nipples being close together, while their front ends are sufficiently far apart to admit the thin end of a whip, so that by striking with the whip between the ends of two nipples said whip is caught and firmly retained. The base-plate is oblique, so as to throw the retaining-nipples in a downwardly-inclined position, for the purpose of facilitating the introduction of the whips. The retaining-nipples are mounted on pins, which form their axles, so that said nipples can revolve, and a whip secured between them can be withdrawn.

In the drawing, the letter A designates the base-plate of my whip-rack, which may be made of wood or any other suitable material. To this base-plate are secured a series of retaining-nipples, B B, which are arranged in pairs, and which are, by preference, set at different levels, as shown in Figs. 1 and 3. The bodies of said nipples are made of india-rubber or other suitable elastic material, and the two nipples, constituting a pair, are so placed in relation to each other that their rear ends come close together, while their front ends or tips leave sufficient space for the convenient introduction of the thin end of a whip. Said nipples may be firmly secured to the base-plate; but I prefer to mount them on pins *a*, which are secured to the base-plate, and on which they are free to revolve. The surface of the nipples may be plain or fluted.

The base-plate is so formed that when the

same is secured to a wall, (see Fig. 2,) the nipples B are thrown in a downwardly-inclined position, whereby the operation of introducing the whips is materially facilitated.

By forcing a whip between the diverging ends of two adjoining nipples it is caused to catch between said nipples, and as it is drawn down it gradually recedes toward the thick ends of said nipples, and it is firmly retained in position, such action being due to the downwardly-inclined position of the nipples, and to their freedom to revolve on their supporting-pins. At the same time the whip, if it should have become wet, is freed from moisture as it is drawn through between the nipples, which, being adapted to revolve on their supporting-pins, act like squeezing-rollers.

The several pairs of nipples, being arranged in a zigzag line on the supporting-plate, occupy less room than they would if they were placed all in a straight line, and a large number of whips can be secured in a comparatively small space.

I am aware that whip-racks have been constructed of a base provided with a series of standards, and with V-shaped springs interposed between said standards, said springs serving to retain the tips of the whips. Such I do not claim.

My elastic nipples can be readily and easily secured on the base, the whole device is cheap and not liable to get out of order, and it has advantages over metallic springs which are obvious, and need no further explanation.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a whip-rack, the combination of a base and of rotary nipples placed in close proximity to each other, said nipples being made of india-rubber or other elastic material, substantially as shown and described.

2. In a whip-rack, the combination of a base and of nipples placed in close proximity to each other, said nipples being made of india-rubber or other elastic material, and being mounted on pins, which form their axles and allow them to revolve, substantially as and for the purpose set forth.

3. In a whip-rack, the combination of a

base and of nipples placed in close proximity to each other, said nipples being made of india-rubber or other elastic material, and being placed in a downwardly-inclined position, substantially as and for the purpose shown and described.

In testimony that I claim the foregoing I

have hereunto set my hand and seal this 9th day of February, 1878.

S. A. DARRACH. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.