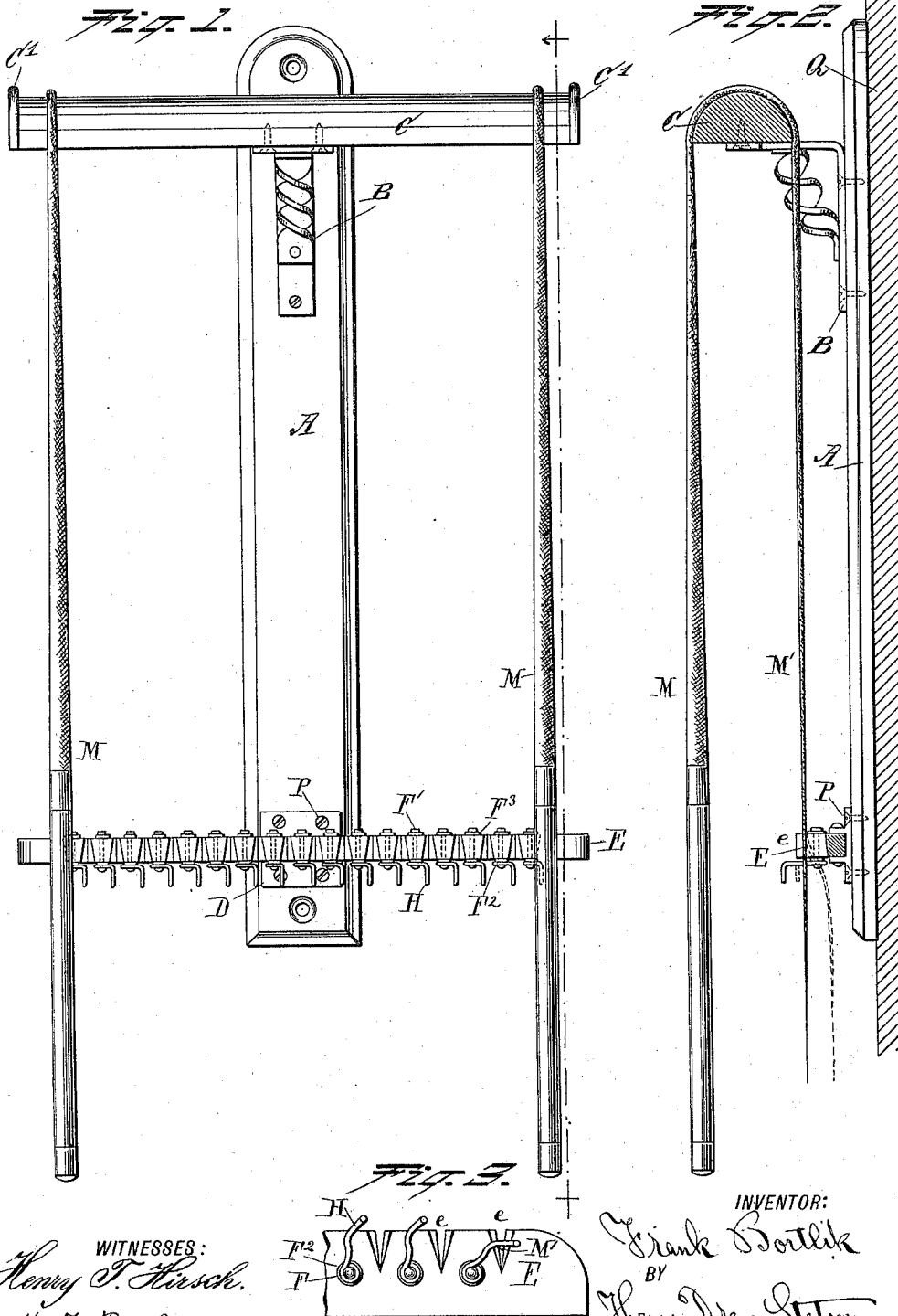


(No Model.)

F. BORTLIK.
WHIP RACK.

No. 576,254.

Patented Feb. 2, 1897.



WITNESSES:
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FRANK BORTLIK, OF NEW YORK, N. Y.

WHIP-RACK.

SPECIFICATION forming part of Letters Patent No. 576,254, dated February 2, 1897.

Application filed September 29, 1896. Serial No. 607,322. (No model.)

To all whom it may concern:

Be it known that I, FRANK BORTLIK, residing in the city of New York, in the county and State of New York, have invented a certain new and useful Improvement in Whip-Racks, of which the following is a specification.

My improvement pertains to that class of whip-racks which are adapted to receive and conveniently hold each a number of bow-top whips, the whip being applied upon a cross-bar having a rounded top of proper radius to receive the curved bight of the handle and lash and to be secured by the engagement of the lash in a notch in a cross-bar below. I provide simple and conveniently-operated means for locking the lash in the notch, so that it is reliably retained.

The accompanying drawings form a part of this specification and represent what I consider the best means of carrying out the invention.

Figure 1 is a front view, and Fig. 2 a side view, showing the rack in position for use with two whips supported therein. Fig. 3 represents a portion on a larger scale. It is a plan view of a portion seen from below.

Similar letters of reference indicate corresponding parts in all the figures where they appear.

A is an upright piece, of cherry or other suitable material; B, a bracket, of metal, strongly fixed thereon and projecting forward therefrom, affording a reliable support for the cross-bar C, which may be of cherry and of semicylindrical section with the rounded side up.

C' C' are rims fixed on the ends.

D is a bracket fixed on the upright bar A at a sufficiently lower level and supporting a cross-bar E, which may be a strip of the same or a different wood of a length corresponding to that of the cross-bar C. Its lower face is plane. Its front is provided with deep and narrow V-shaped notches *e*, each a little wider and deeper on its lower than on its upper side.

F are vertical pins or rivets set in the bar E, each in the proper relation to a corresponding notch *e* and holding between its head F' and a washer F² the eye of a wire dog H, bent as shown and adapted to be turned around horizontally with gentle force. The other end

of the rivet F protrudes at the upper side and engages a washer F³.

To suspend a whip, it is applied on the cross-bar C in the obvious manner, and the pendent lash is pressed into one of the notches *e*, and the dog H is turned on the rivet F as an axis, so as to confine the lash in such notch. The flared form of the notch, widest on the lower side, and the pressure of the dog H, applied at a still lower level, deflects the lash inward, as shown in dotted lines, Fig. 2, and holds it reliably. When the whip is again required for use, its handle is grasped in the usual manner, and the same hand or the other one turns the dog H to liberate the grip on the lash, and the whip may then be lifted and moved outward on the upper bar C over the other whips and released.

The washer F² holds the dog out of contact with the bar E, and the dog is subject only to the friction of the grip between the head F' and such washer. This grip may be increased from time to time as the parts shall become loose from wear by simply holding a hammer or other firm support under the head F' and hammering lightly on the upper end of the rivet F, so as to rivet it tighter.

M is the handle, and M' the lash, of a whip, and Q is the wall of a stable to which the upright A of my device is secured by screws P.

I claim as my invention—

1. In a whip-rack, the upright A, bracket B and cross-bar C, the latter having a rounded upper surface, and provided with the end rim C' adapted to receive a number of whips, together with means for engaging the pendent whip-lashes as herein specified.

2. In a whip-rack, the upright A and the two cross-bars C and E connected as specified, the cross-bar C having a rounded upper surface adapted to receive the bows of the whips, and the cross-bar E having notches *e* adapted to receive the lashes of the whips, all arranged for joint operation substantially as herein specified.

3. The whip-rack described having two horizontal bars held at the proper distance one above the other, the lower bar being provided with notches, in combination with devices for clamping whip-lashes in the several notches while the bows of the whips rest on

the upper bar, all substantially as herein specified.

4. The whip-rack described, having an upper bar C provided with a semicylindrical upper surface and a lower bar E held at the
5 proper distance apart by an upright A, the lower bar provided with notches e, in combination with the dogs H adapted to turn with gentle but reliable friction and to serve rela-

tively to a suspended whip and its lash, as is herein specified.

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

FRANK BORTLIK.

Witnesses:

JOHN G. METCALF,
JOHN DALY.