

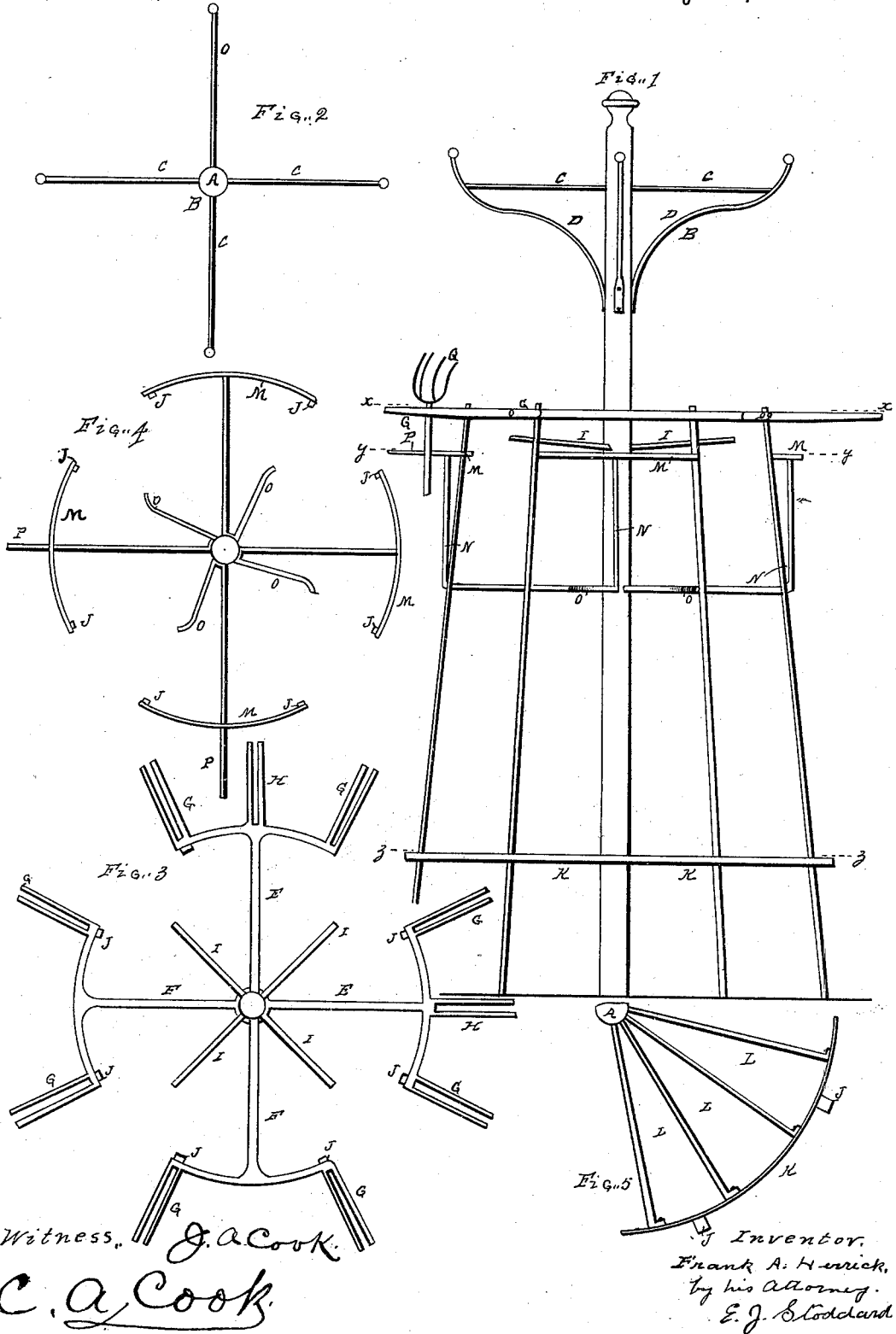
(No Model.)

F. A. HERRICK.

RACK FOR AGRICULTURAL TOOLS.

No. 383,527.

Patented May 29, 1888.



# UNITED STATES PATENT OFFICE.

FRANK A. HERRICK, OF JACKSON, MICHIGAN.

## RACK FOR AGRICULTURAL TOOLS.

SPECIFICATION forming part of Letters Patent No. 383,527, dated May 29, 1888.

Application filed March 7, 1888. Serial No. 266,482. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK A. HERRICK, of Jackson, in the county of Jackson and State of Michigan, have invented a new and useful Improvement in Racks for Agricultural Tools, of which the following is a specification.

My invention relates to improvements in racks for agricultural tools; and the object of my invention is to provide a rack in which the various parts are so constructed that they shall receive and retain the various kinds of tools, and so arranged with reference to each other that the tools shall be readily accessible. I attain this object in the apparatus illustrated

in the accompanying drawings, in which—  
Figure 1 is an elevation of the entire apparatus; Fig. 2, a detail view of the upper rack; Fig. 3, a detail view showing the arrangement of the parts on and just below the line *xx*, Fig. 1; Fig. 4, a detail view showing the arrangement of parts on and just below the line *yy*, Fig. 1; and Fig. 5 a detail view showing the arrangement of parts on the line *zz*, Fig. 1.

Similar letters refer to similar parts throughout the several views.

A is a standard, of wood or other suitable material. B is a bracket secured to the standard A, near the upper end of said standard. The bracket B is made up of the straight bars C, which extend at right angles to the standard A, and the bars D, which serve as braces to support the bars C. The bars C and bars D are united at one end and spread apart toward the other end, where they are secured to the standard A.

E and F, Fig. 3, are brackets secured to and extending at right angles to the standard A. The ends of said brackets which are farthest from the standard A are in the form of arcs of the same circle, and spaces are left between each of said arcs about equal to the length of the arc. Extending radially outward from said arcs are the forks G H. Upon each of the brackets E are three of said forks, and upon each of the brackets F two.

Below the brackets E and F are the arms I, extending radially from the standard A.

J are the legs of the apparatus, and are secured at their upper ends to the ends of the arcs on the brackets E and F, and fastened together near the bottom of the apparatus by

the circular band K. L are arms fastened at one end to the band K and at the other end to the standard A, to strengthen the entire structure and hold the legs J firmly in their proper position. A short distance below the brackets E and F, extending between each alternate pair of the legs J, and directly below the portion of said brackets which is formed in the arc of a circle, are the bands M. Said bands have the form of arcs of the same circle. Attached to the center of the bands M are the rods N, which extend first vertically downward, then horizontally inward to the standard A, then horizontally along said standard to afford a place for fastening said rods to said standard by screws or otherwise, then radially out from said standard, forming the arms O. Said arms O are curved at their extremities. The arms O should not be directly under the arms I. The arms I and O are opposite the opening between the arcs of the brackets E and F and the openings between the bands M. Two of the rods N are extended horizontally beyond the bands M, forming the pins P.

The mode of using my improved rack is as follows: Rakes are hung upon the rods C of the brackets B, their handles being passed through the opening left between the brackets E and F, and the bands M rest against the horizontal portion of the rods N. Long-handled pitchforks are hung in the forks G and H, and those requiring more room upon the brackets F. The manner of hanging the pitchforks is illustrated in the drawings at Q. Short-handled pitchforks are hung by passing the eye in their handles over the pins P. Hoes and potato-hooks are hung upon the bands M. Short pitchfork-handles are hung upon the arms I and O, said arms being threaded through the eyes in said handles. The above are illustrations of the method of using the rack, though other tools may evidently be accommodated in an analogous way.

Having fully described my invention, what I wish to claim, and secure by Letters Patent, is—

1. The combination of the standard A, provided with the bracket B at its upper end, the brackets E and F, attached to said standard and extending radially therefrom, said brackets having laterally-extending arms at the ends

which are farthest from said standard, said arms being provided with the outwardly-extending forks G H, the legs J, secured to the ends of said arms, the arms I, extending radially from the standard A toward the openings between the arms upon the brackets E F, and below said brackets the bands M, extending between alternate pairs of the legs J, below the arms upon the brackets E and F, said bands being provided with the rods N, extending from the center of said bands downward, then inward to the standard A, then outward, forming the radially-extending arms O, and the pins P, substantially as shown, and for the purpose described.

2. The combination of the standard A, the brackets E and F, attached to said standard and extending radially therefrom, said brackets having laterally-extending arms at the ends which are farthest from said standard, said arms being provided with the outwardly-extending forks G H, the legs J, secured to the ends of said arms, the arms I, extending radially from the standard A toward the openings between the arms upon the brackets E and F, and below said brackets the bands M, extending between alternate pairs of the legs J below the arms upon the brackets E and F, said bands being provided with the rods N, extending downward, then inward to the standard A, then outward, forming the radially-extending arms O, and the pins P, extending from the center of the bands M and being formed of a part of the rods N, substantially as shown, and for the purpose described.

3. The combination of the standard A, the brackets E and F, attached to said standard and extending radially therefrom, said brackets having laterally-extending arms at the ends which are farthest from said standard, said arms being provided with the outwardly-extending forks G H, legs J, secured to the ends of said arms, the bands M, extending between alternate pairs of the legs J, below the arms upon the brackets E and F, said bands being provided with the arms N, extending from the center of said bands to the standard

A, then outward, forming the radially-extending arms O, and the pins P, extending outwardly from the centers of the bands M, said pins consisting of an extension of the rods N, substantially as shown, and for the purpose described.

4. The combination of the standard A, the brackets E and F, attached to said standard and extending radially therefrom, said brackets having laterally-extending arms at the ends which are farthest from said standard, said arms being provided with the outwardly-extending forks G H, legs J, secured to the ends of said arms, the bands M, extending between alternate pairs of the legs below the arms of the brackets E and F, said bands being provided with the arms M, extending from the center of said bands to the standard A, then outward, forming the radially-extending arms O, substantially as shown and described.

5. The combination of the standard A, the brackets E and F, attached to said standard and extending radially therefrom, said brackets having laterally-extending arms at the ends which are farthest from said standard, said arms being provided with the outwardly-extending forks G H, and the legs J, secured to said arms, substantially as shown and described.

6. The combination of the standard A, the legs J, the bands M, secured to alternate pairs of the legs J, rods extending from the center of said bands to the standard A, then outwardly, forming the radially-extending arms O, and the pins P, said pins consisting of an extension of the said rods, substantially as shown and described.

7. The combination of the standard A, the legs J, the bands M, secured to alternate pairs of the legs J, rods extending from the center of said bands to the standard A, then outwardly, forming the radially-extending arms O, substantially as shown and described.

FRANK A. HERRICK.

Witnesses:

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EDWARD LORANG.