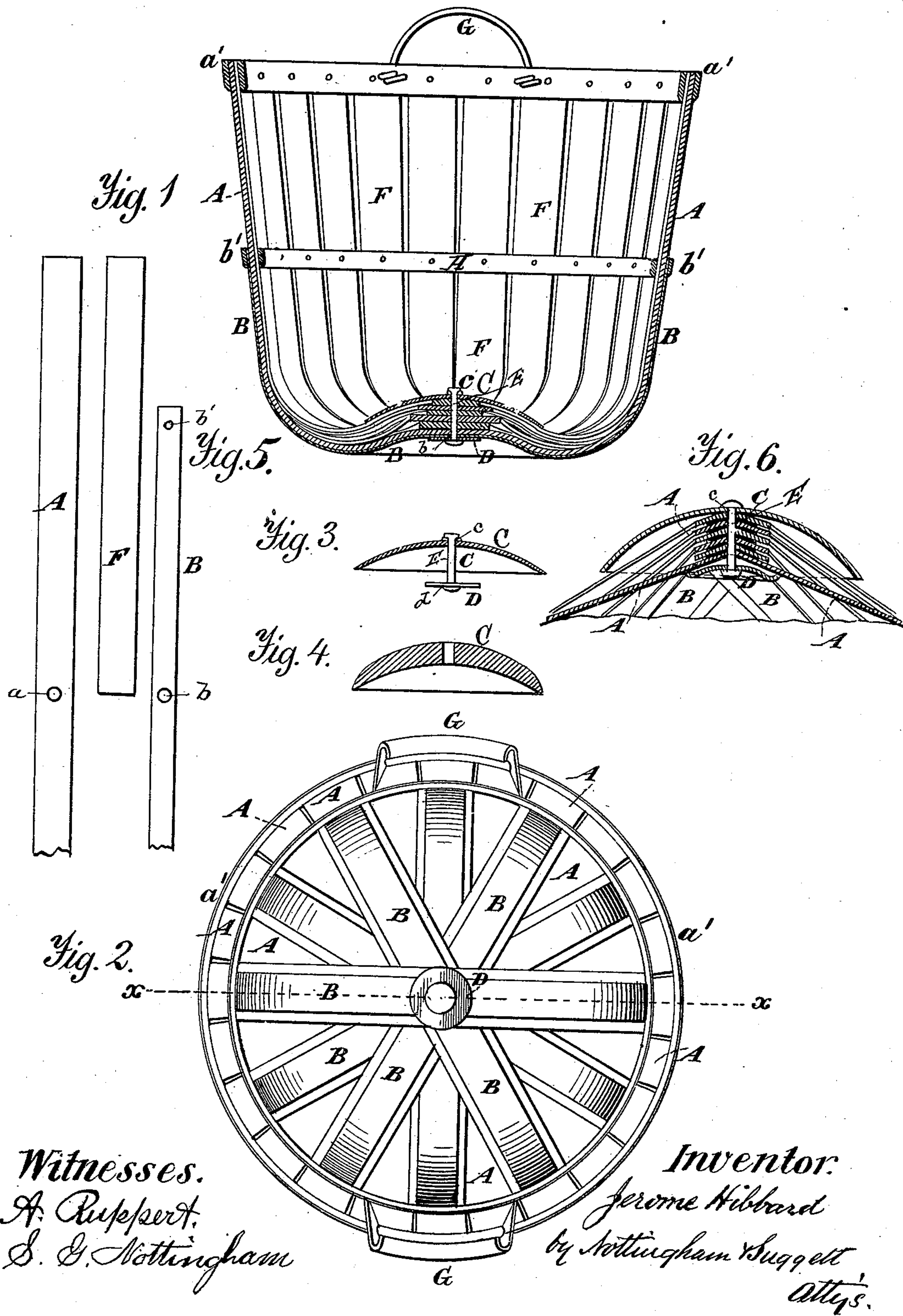


(No Model.)

J. HIBBARD.
BASKET.

No. 254,479.

Patented Mar. 7, 1882.



UNITED STATES PATENT OFFICE.

JEROME HIBBARD, OF SOUTH BUTLER, NEW YORK.

BASKET.

SPECIFICATION forming part of Letters Patent No. 254,479, dated March 7, 1882.

Application filed December 6, 1881. (No model.)

To all whom it may concern:

Be it known that I, JEROME HIBBARD, a citizen of the United States, residing at South Butler, in the county of Wayne and State of New York, have invented certain new and useful Improvements in Baskets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of stave-baskets known as "grain" or "fruit" baskets; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and specifically pointed out in the claims.

My invention provides a concavo-convex bottom to the basket, which forms a kind of universal truss, which does away with the use of radial ribs, which are easily torn off, and also catch dirt.

The invention consists essentially in a number of staves—say six or more—which are of sufficient length to form a portion of both side and bottom of the basket, perforated at their centers, said staves serving with a similar number of re-enforcing strips of hoop metal similarly perforated, these parts crossing each other at their centers in such a manner that the holes will register and receive a rivet-bolt, which secures them together, and between an upwardly-convex plate and a rivet-plate, the latter being of much smaller diameter than the former.

The staves, each with its re-enforcing metal plate, are arranged with the rivet-bolt in their central holes and the smaller plate in place, the end of the bolt passing through a central aperture in the concavo-convex plate, when force is applied by proper means to press the centers of the staves into the concave, leaving the staves in the condition shown in Fig. 6, and the rivet-bolt is upset and headed. Short filling-staves are then driven between the rivet-plate and the concavo-convex plate, the staves forced upward around a former, the hoops applied and nailed or riveted at proper intervals, one hoop being arranged at or near the vertical center of the basket and the other at the top. The metal re-enforcing plates extend only from the center hoop upon one side to the same hoop upon the opposite side, the main staves

from top to top, and the filling-staves from top to a point at or near the center of the bottom.

The means for forcing the staves into the concave, the former, &c., form no part of this application.

The invention is fully set forth in the accompanying drawings, in which Figure 1 is a central vertical section; Fig. 2, a bottom plan view; Fig. 3, a section of the concavo-convex plate, rivet-plate, and rivet; Fig. 4, a modification; Fig. 5, detail views of the staves and re-enforcing plate, and Fig. 6 a section showing the position of the staves before the application to the former.

Referring to the drawings, A represents the main staves, perforated at their centers at *a*, and B the re-enforcing metal plate, similarly perforated at *b* and *b'*.

C represents the concavo-convex plate, which forms the center of the bottom of the basket when formed, perforated at *c*, and D the rivet-plate, perforated at *d*, through the holes *c d* of which operates the securing rivet or bolt E.

G represents the handles.

The staves A B having been arranged as shown in Fig. 2, and the plates C D forced together, inclosing said staves, as shown in Fig. 6, and the connecting-bolt upset, the filling-staves F are driven between the plates C D, the free ends of all the staves bent upward upon a proper former, the re-enforcing plates B and all the staves secured to the center hoop, H, through the holes *b'*, and the wooden staves, long and short, A F, secured to the top hoop, the handles applied, and the basket is formed.

What I claim is—

1. In a stave basket, the combination of the concavo-convex plate C and rivet-plate D, each perforated as shown, and the rivet or bolt E, combined with inclosed perforated staves; and adapted to serve as set forth.

2. The combination of the staves A *a*, re-enforcing plates B *b b'*, filling-staves F, and hoops with the concavo-convex plate C *c*, rivet-plate D *d*, and securing-bolt E, as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JEROME HIBBARD.

Witnesses:

JOHN H. ALLEN,
F. MARION JOHNSON.