

W. F. HATFIELD.
Manufacture of Waste Paper Basket.

No. 209,168.

Patented Oct. 22, 1878.

Fig. 1.

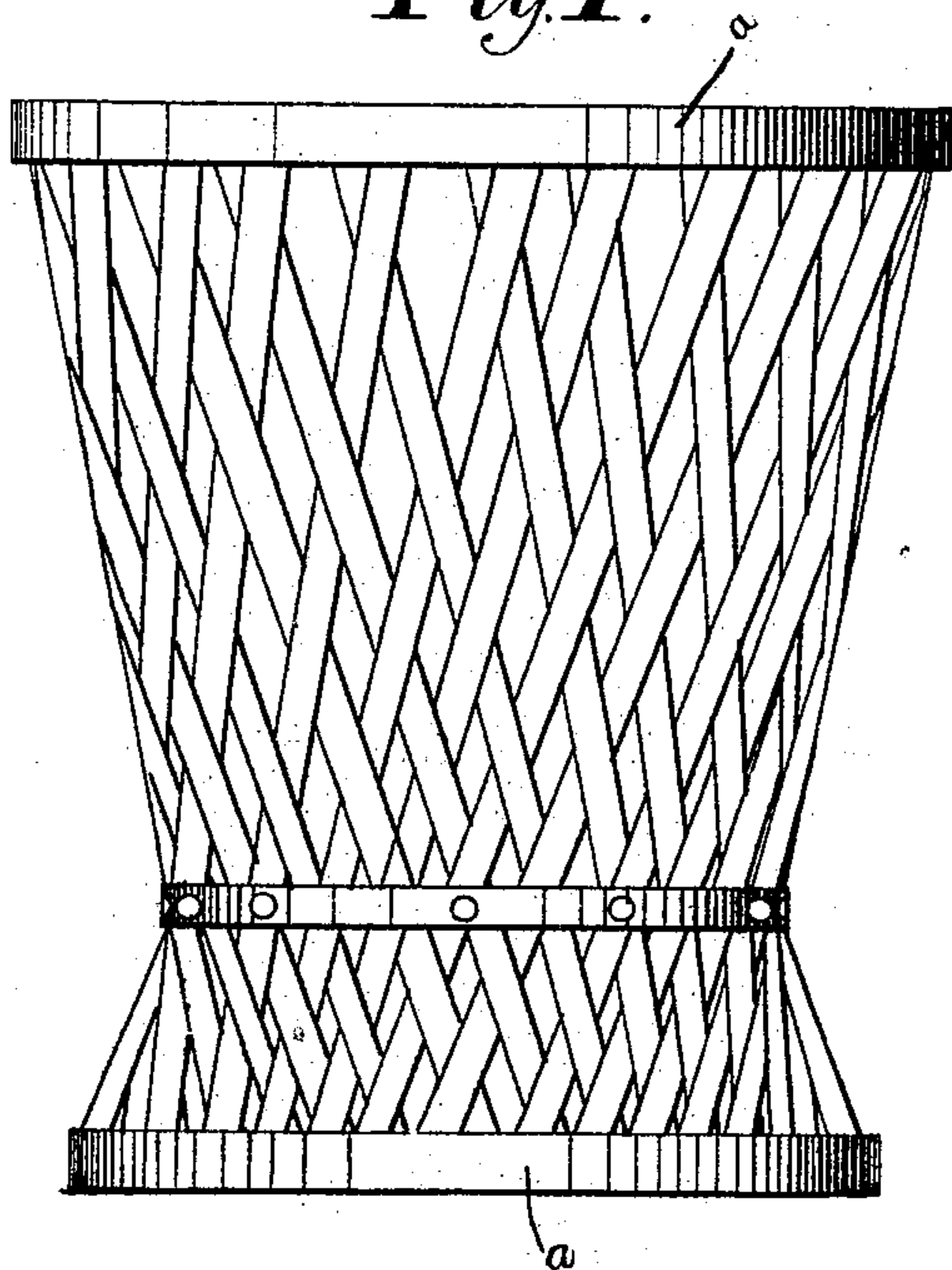


Fig. 2.

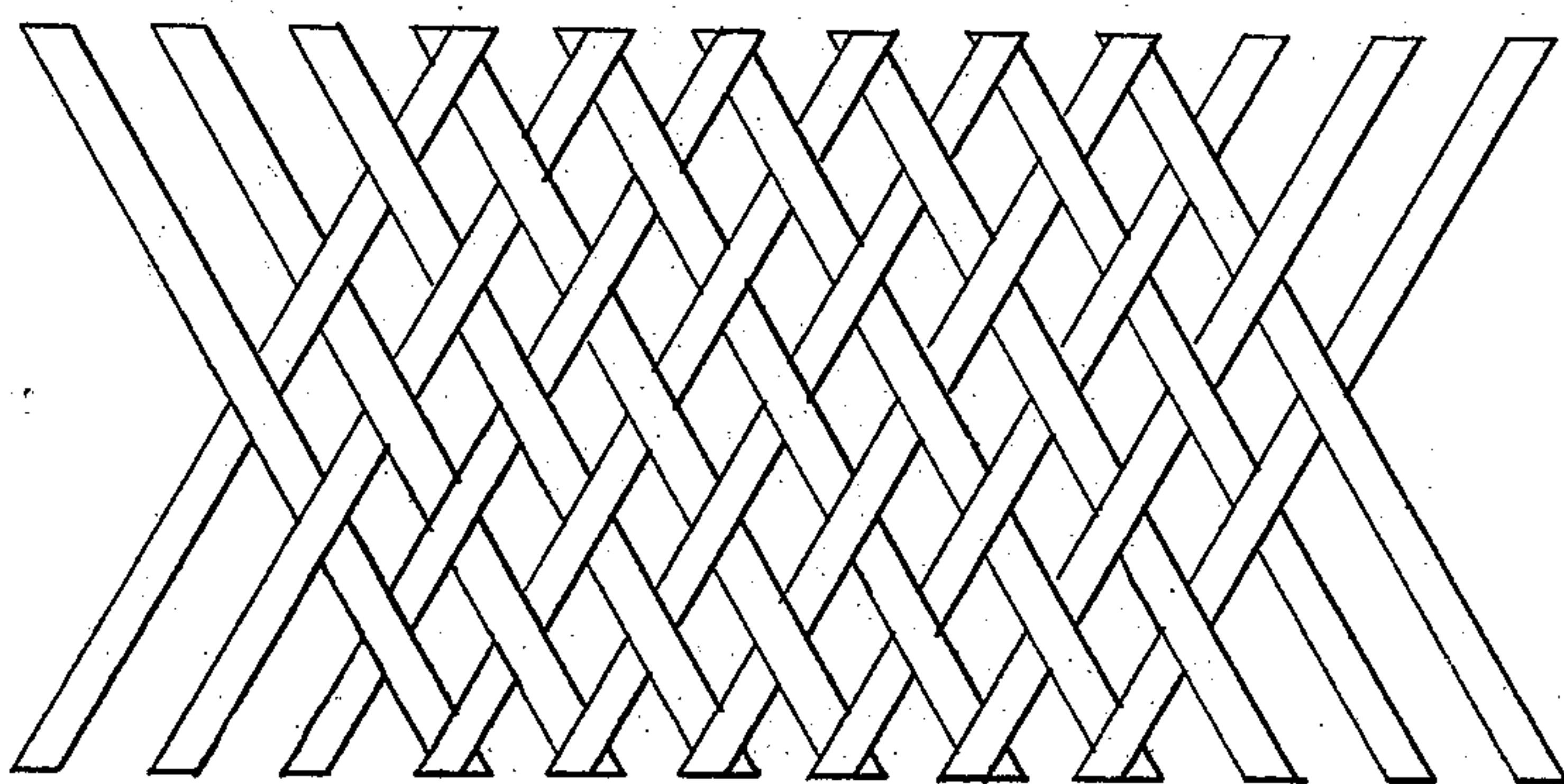


Fig. 3.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN MANUFACTURE OF WASTE-PAPER BASKETS.

Specification forming part of Letters Patent No. **209,168**, dated October 22, 1878; application filed January 28, 1878.

To all whom it may concern:

Be it known that I, WILLIAM F. HATFIELD, of the city of Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in the Manufacture of Waste-Paper Baskets; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 letters of reference marked thereon, which form a part of this specification.

My invention consists in the manufacture of baskets by weaving flat blanks of crossed splints, placing the same on a former and weaving the end splints together, and then applying hoops and a bottom, the ends of the body-strips being sprung into recesses in the hoops, whereby they are held in a state of tension, as fully described hereinafter.

My method, described in detail, is as follows, reference being had to the annexed drawing, in which—

Figure 1 represents a basket made by my improved method, and Fig. 2 a piece of woven material or blank as it appears when prepared to construct such a basket; and Fig. 3, a section of the rim.

The form of basket being predetermined, a blank is prepared corresponding in width to the height of the basket, and in length to the circumference of the same.

The pattern for weaving the blank may consist merely of a drawing on a board, on which the splints are then woven according to the pattern so drawn, after which the blank is ready to be secured to the form, which consists of a block corresponding in size and shape to the basket.

The blank is first secured to the form by suitable straps, after which the ends of the

splints are woven together, so that when completed the place where the ends were joined is not perceptible.

To strengthen the basket I secure a grooved hoop or other suitable strengthening band or strap at the top or bottom, or both. It is also further strengthened by means of the bottom board, which is secured, say, two inches from the bottom ends of the splints, or at any desired height from the base.

The hoops may be made of wood or of sheet metal bent to clasp the ends of the slats all around, or of other suitable material.

Prior to applying the top and bottom hoops *a a*, the splints are expanded by any suitable means, so that their ends may be introduced into the grooves *i*, Fig. 3, of hoops larger in diameter than the bottom board. By this means the splints thus bent or sprung out from the bottom board are under a constant tension, which tends to hold the ends in contact with the hoops and impart rigidity to the article.

I claim—

1. The within method of making baskets, which consists in weaving a flat blank of crossed splints, placing the same around a former, and weaving the ends of the splints together, and then applying hoops and a bottom, whereby the splints are held rigidly together, as set forth.

2. A basket in which the body-strips are sprung outward at the top and bottom, and into recesses in hoops *a*, as and for the purpose specified.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

WILLIAM F. HATFIELD.

Witnesses:

OLIVER DRAKE,
P. J. INSLEE.