



# United States Patent Office.

AUSTIN S. PARKS, OF WINCHENDON, MASSACHUSETTS.

Letters Patent No. 103,493, dated May 24, 1870.

## IMPROVEMENT IN TOOLS FOR FITTING BOTTOMS TO FRUIT-BASKETS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, AUSTIN S. PARKS, of Winchendon, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Tools for Fitting Bottoms to Fruit-Baskets; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 represents a top view of the tool adjusted for performing its work.

Figure 2 represents an end view of the same in the direction of the cutters.

Figure 3 represents a bottom view of the same.

My invention relates to a class of labor-saving machinery or tools for lathe-work, arranged to perform a certain function in the most perfect and expeditious manner; and

It consists in the arrangement of a series of cutting-tools in a slide attached a rectangular slide-rest, to be secured in a proper position on a lathe, so that, by the two motions of the fixture, the bottom of a fruit-basket is sized, grooved, under-cut, and cut out complete, to be fitted to a fruit-basket in the most perfect manner.

To an ordinary turning-lathe, having plate chucks for holding the wood prepared for the purpose, the lower piece A, figs. 2 and 3, is attached. On this piece A is fitted a sliding plate, B, which is operated by a hand-lever, C, underneath, to place the proper cutter in position near the wood to cut the groove, and then under-cut it to form the lock for the body of the basket.

On the top of the plate B, at the required angle, is

fitted the sliding tool-holder D, which has a series of grooves cut in it for securing the cutting-tools *a b c*, leaving the proper spaces between them, so that the bottom is cut out, the circular groove cut in the right place, and at the right depth, and under-cut to form the lock; the cutters *a b c* being secured in the grooves by set-screws, so that they may be easily taken out for sharpening, and replaced and perfectly adjusted.

The tool-holder D is provided with an adjustable stop, *d*, on the right side, which comes in contact with a set-screw, *e*, on the end of the piece A.

The motion of the sliding plate B is also regulated by the set-screws *f* and *g*, fig. 3, in lugs *h* and *k*, on the front side of the piece A.

The tool or fixture, as above described and combined with a turning-lathe, will fit the bottoms of fruit-baskets in the most perfect and expeditious manner, and, when used in connection with the other tools for cutting the bodies of fruit-baskets, facilitates the manufacture of the article to a great degree, so that, by the aid of the other machinery, invented by B. D. Whitney, for putting the baskets together, they can be made so as to defy all competition.

Having thus described my invention,

What I claim is—

The lathe-tool or fixture as constructed, and operating substantially in the manner as and for the purposes herein specified.

In testimony whereof I hereunto subscribe my name in the presence of—

A. S. PARKS.

Witnesses:

GILES H. WHITNEY,  
J. S. WATSON.