

A. W. Dorr,

Making Staves,

No 99,863.

Patented Feb, 15, 1870.

Fig. 1

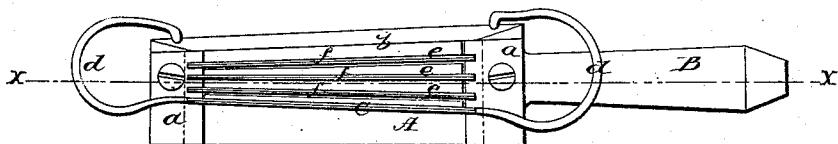


Fig. 2

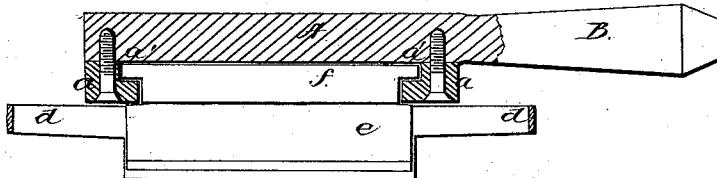
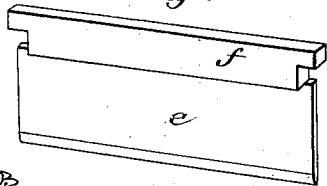


Fig. 3



Witnesses.

W. C. Ashkelton
Theo. Insche.

Inventor.

A. W. Dorr,
per Munro & Co
attorneys.

United States Patent Office.

ARTHUR W. DORR, OF LAKE VALLEY, TAHO P. O., CALIFORNIA.

Letters Patent No. 99,863, dated February 15, 1870.

IMPROVEMENT IN TOOL FOR CHECKING TIMBER.

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, ARTHUR W. DORR, of Lake Valley, in the county of El Dorado, and State of California, have invented a new and improved Device for Checking Timber for the manufacture of staves, clapboards, &c.; 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 make and use the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

This invention relates to a new and improved device for checking timber for the manufacture or riving of staves, shingles, clapboards, &c., and is more especially designed for the use of frontier men; most articles of the kind specified being made by hand for local use in the frontier sections.

In the accompanying sheet of drawings—

Figure 1 is a face view of my invention.

Figure 2, a side sectional view of the same taken in the line x x , fig. 1.

Figure 3, a detached view of a knife or cutter pertaining to the same.

Similar letters of reference indicate like parts.

A represents what may be termed the stock of the device, which is provided with a handle, B , said stock having a head, a , at each end and secured to its under side with a rebate or groove, a' , at the upper parts of their inner surfaces, as shown clearly in fig. 2.

One side of the stock A extends down and forms a knife or cutter, b , and c is a similar cutter, the ends of which are connected by springs d d , to the ends of the knife or cutter b , as shown clearly in fig. 1.

The cutter c is a movable one; that is to say, it is

not rigidly connected to the stock A , but is allowed to move laterally.

Between these two knives or cutters b c , there are placed three knives or cutters e , which are provided with a rib, f , at their upper end, the ends of the ribs fitting in the grooves a' in the heads. These ribs should be of such a thickness as to keep the cutters at the required distance apart, and it will be seen that with the number of cutters shown in fig. 1, four staves, shingles or clapboards, or shooks, for any purpose, may be checked at once from bolts furnished or gotten out in the ordinary way.

The springs d d admit of the spreading of the knives as the latter are driven into the ends of the wood, and draw them back to their original position when the cutters are knocked out of the wood.

By this simple device the shooks may all be checked of a uniform thickness.

The common knife may be used for riving.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The stock A having handle B and knife b , and provided with heads a forming recesses a' , in combination with the knives e , bearing backs f and the spring-knife c d , all constructed, arranged and operating substantially as set forth for the purpose specified.

The above specification of my invention signed by me this 22d day of October, 1867.

A. W. DORR.

Witnesses:

ALPHONSO NOTT,
P. F. POWERS.