

J. H. DUNBAR.

Stand for Barrel-Churns.

No. 164,535.

Patented June 15, 1875.

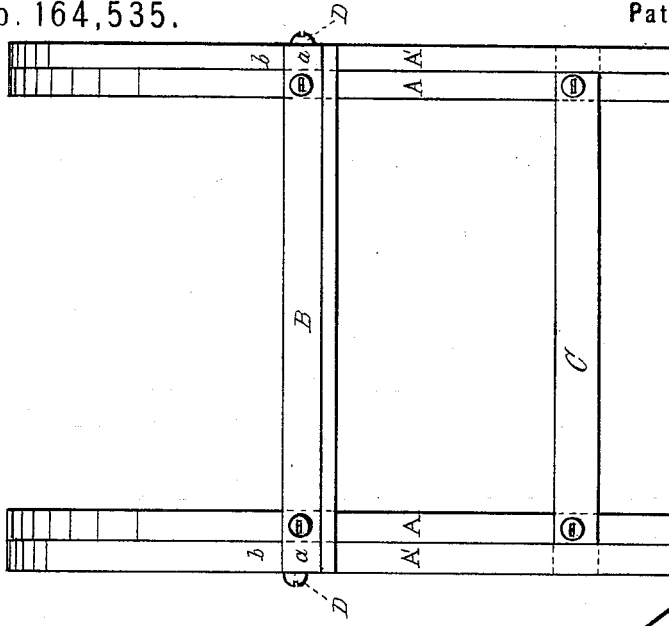


FIG. 2

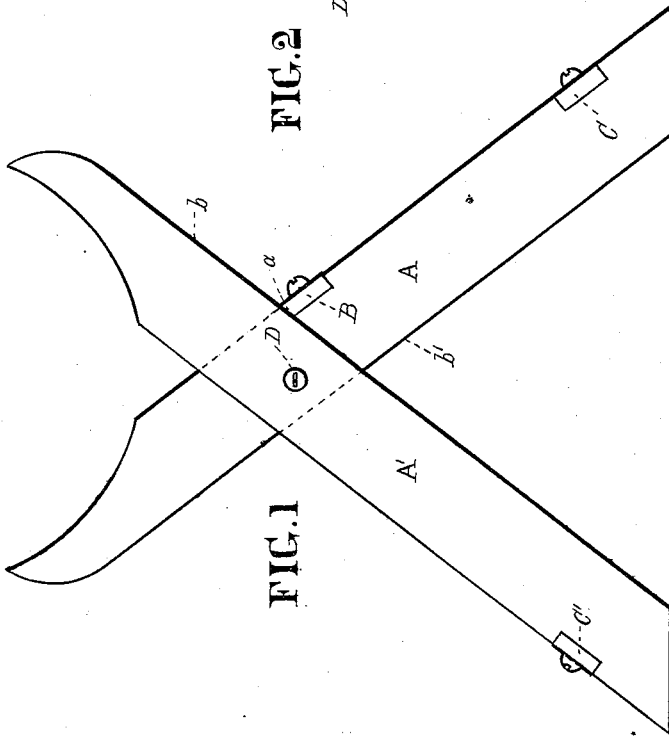


FIG. 1

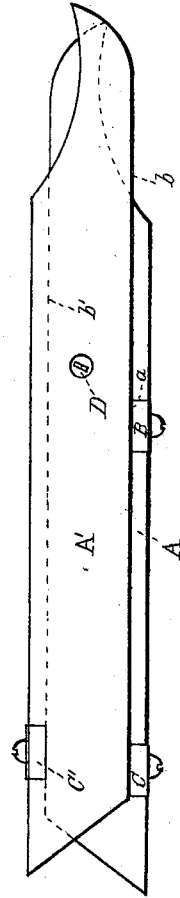


FIG. 3.

Witnesses.
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JOHN H. DUNBAR, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN STANDS FOR BARREL-CHURNS.

Specification forming part of Letters Patent No. 164,535, dated June 15, 1875; application filed February 3, 1874.

To all whom it may concern:

Be it known that I, JOHN H. DUNBAR, of the city and county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Stands for Barrel-Churns, of which the following is a specification:

My invention relates to projections on the ends of the cross-bar which connects the inside cross-legs together in the middle, in such a manner as to act as a stop for the outside legs, when the pairs of legs are turned on their pivots into their position to receive the churn.

Figure 1 is an end view of the stand when opened to receive the churn. Fig. 2 is a side elevation of the same. Fig. 3 is an edge view of the stand when folded up.

Like letters of reference in all the figures indicate the same parts.

A A are the inside legs of the improved stand, connected together by means of the middle bar B and the lower bar C, and A' A' are the outer legs, connected together at their lower ends by means of the lower bar C', and in the middle part with the pivots D D.

So far as the above description goes the stand is similar to ordinary barrel-churn stands.

The improvement consists in the projecting of the ends of the cross-bar beyond the outside of the inner legs A A, so as to form permanent stops *a a*, for the edges *b b* of the out-

er legs A' A', when the stand is opened into the position seen in Figs. 1 and 2, to receive the churn, thus giving great firmness to the stand without any possibility of getting out of order, so far as relates to the stops. The pivots D D are arranged as near as practicable to the edges *b' b'* of the inner legs A A, so as to be as far removed from the stops *a a* as the strength of the legs will admit of, and thus to decrease the leverage or strain upon the pivots, and also to admit of the stand being folded into compact form for convenience in handling, or for transportation.

The principal use to which I apply the improved stand is for holding barrel-churns. Yet I contemplate the use of it for other purposes, to which it can readily be applied, such as holding barrel-washing machines, or as a frame for tables, &c.

I claim as my invention—

The projections *a a* on the ends of the bar B, in combination with the edges *b b* of the outer legs A' A', to form stops for the same, substantially in the manner and for the purpose above described.

JOHN H. DUNBAR.

Witnesses:

THOMAS E. BEWLEY,
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