

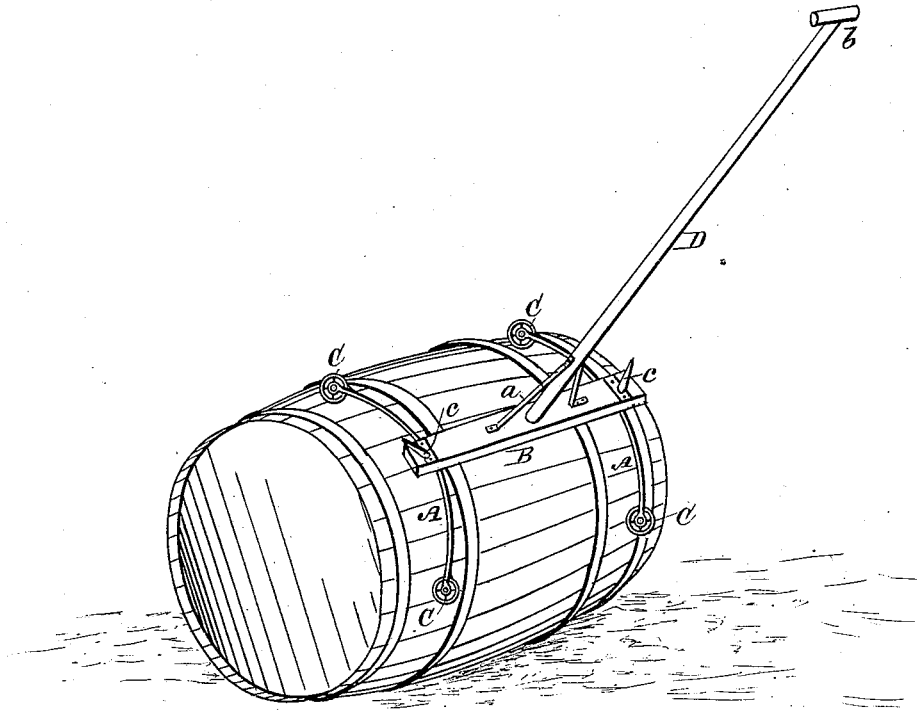
(No Model.)

T. B. DITTRICK.

BARREL ROLLER.

No. 345,034.

Patented July 6, 1886.



WITNESSES:

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C. Sedgwick

INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

THOMAS B. DITTRICK, OF EAST TAWAS, MICHIGAN.

BARREL-ROLLER.

SPECIFICATION forming part of Letters Patent No. 345,034, dated July 6, 1886.

Application filed December 9, 1885. Serial No. 185,144. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. DITTRICK, of East Tawas, in the county of Iosco and State of Michigan, have invented a new and useful
5 Improvement in Barrel-Rollers, of which the following is a specification, reference being had to the annexed drawing, which is a perspective view showing my improved barrel-roller applied to a barrel.

10 The object of my invention is to provide a convenient and efficient device for rolling barrels from one place to another by continuous forward pressure.

15 My invention consists in two pairs of rollers mounted on curved arms and connected with a suitable handle, the rollers being adapted to bear against the sides of the barrel, and move the barrel forward when they are pushed by the handle.

20 It also consists, in combination with the cross-bar attached to the handle, of spurs for pulling the barrels into position for rolling.

The curved arms A, secured to opposite ends of the cross-bar B at right angles, are
25 slotted in their ends to receive the rollers C, which are journaled on pins passing transversely through the slotted ends of the arms. The curvature of the arms is about the same as that of the barrel, so that only the rollers
30 C are brought into contact with the barrel. A handle, D, is secured to the middle of the cross-bar B, and is stiffened and strengthened by braces a, secured to opposite sides of the handle and fastened to the cross-bar B. The
35 free end of the handle D is provided with a cross-piece, b, for convenience in handling.

40 At or near opposite ends of the cross-bar B, and on the upper side thereof, are secured the spurs c, which are employed to turn the barrels and get them into position for rolling by bringing one or the other of the spurs into engagement with the chine of the barrel.

The cross-bar B, the handle D, and the cross-piece b are preferably made of wood, while the curved bars A, rollers C, braces a, and
45 spurs c are made of iron or of steel.

By placing the barrel-roller against the barrel, in the manner represented in the drawing, and pushing it forward the barrel will be propelled forward, and may be easily guided
50 by increasing or diminishing the pressure against one end or the other of the barrel.

When it is desired to place the barrel on end or to turn it around, it may be readily accomplished by bringing one of the spurs c
55 into engagement with the chine, as before described.

My improved barrel-roller greatly facilitates the operation of moving barrels from one place to another, and renders the operation
60 of moving barrels less tiresome than the ordinary method.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—
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1. In a barrel-roller, the combination of the curved bars A, rollers C, cross-bar B, and handle D, substantially as herein specified.

2. In a barrel-roller, the combination of the curved bars A, the rollers C, cross-bar B, the
70 handle D, provided with a cross-piece, b, and the spurs c, attached to the cross-bar B, substantially as herein specified.

3. As an improved article of manufacture, a barrel-roller formed of the curved bars A,
75 rollers C, journaled in the ends of the bars A, the cross bar B, the spurs c, the handle D, the cross-piece b, and the braces a, substantially as herein shown and described.

THOMAS B. DITTRICK.

Witnesses:

ROBERT HOVENDEN,
WM. C. WOOD.