

S. S. STULTZ.

Wheels for Harvesters, Trucks, &c.

No. 156,240.

Patented Oct. 27, 1874.

Fig. 1.

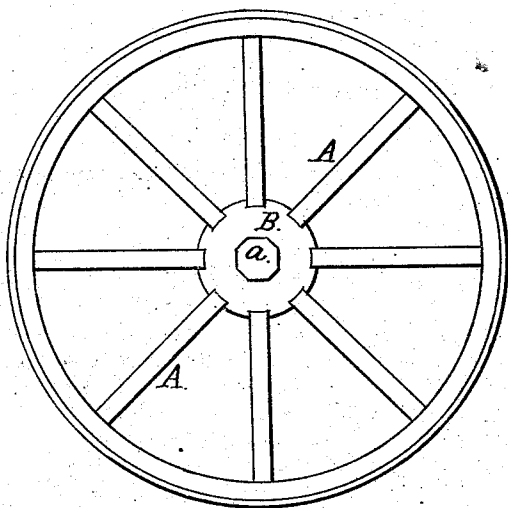
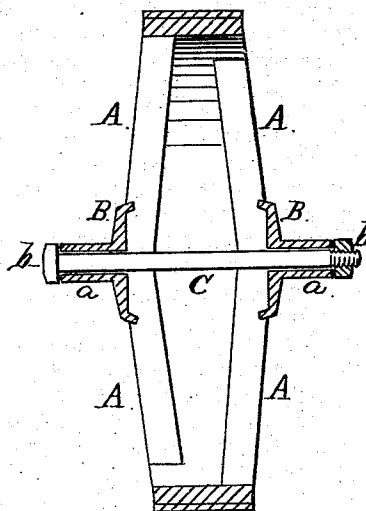


Fig. 2.



Witnesses :

W. Burris
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By G. B. Towles, Atty.

UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN WHEELS FOR HARVESTERS, TRUCKS, &c.

Specification forming part of Letters Patent No. **156,240**, dated October 27, 1874; application filed September 9, 1874.

To all whom it may concern:

Be it known that I, SIDNEY S. STULTZ, of Fremont, in the county of Dodge and State of Nebraska, have invented certain new and useful Improvements in Wheels; 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 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of my improved wheel. Fig. 2 is a sectional view.

Like letters in both figures of the drawing indicate like parts.

This invention relates to the class of wheels having double inclined spokes and double hubs; and consists in the hubs having sleeves arranged on a spindle or axle, provided on each end with a screw-nut, so as to draw the spokes and hubs in, and thus strengthen the wheel, and at the same time hold the hubs rigidly on the spindle, the sleeves of the said hubs forming journals, and arranged to revolve with the spindle in journal-boxes attached to the beams of a harvester, or other machine in which the said wheel may be used; the object being to provide a wheel with a broad felly or band for easy locomotion, and with double spokes arranged to support and strengthen the same, which shall be especially adapted for use in a harvester, wheelbarrow, truck, or other similar class of machinery, as will be hereinafter more fully explained.

A A are the double inclined spokes; B B, the double hubs, provided with sleeves *a a*, and lips or lugs to clasp the spokes and hold them in place. C is the spindle, having screw-nuts *b b* on the ends thereof, which hold the hubs rigidly thereon by their pressure upon the ends of the sleeves, and which, at the same time, can be made to press the spokes and hubs in so as to spread the felly out, and thus tighten the tire and strengthen the wheel.

The spindle revolves with the wheel instead of being held in a fixed position, and the wheel revolving upon it, as with the ordinary axle.

In a harvester the wheel will be placed between two beams, and the journal-boxes bolted to the same, the sleeves or journals revolving with the spindle in the boxes.

Having thus fully described my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

In a wheel having double row of inclined spokes A, the double hubs B B, provided with sleeves *a a* forming journals, in combination with an axle, C, having at each end a screw-nut, *b*, substantially as and for the purpose set forth.

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

S. S. STULTZ.

Witnesses:

J. TYLER POWELL,
J. M. MASON.