

E. SANFORD.
Band-Pulleys.

No. 146,615.

Patented Jan. 20, 1874.

Fig. 1.

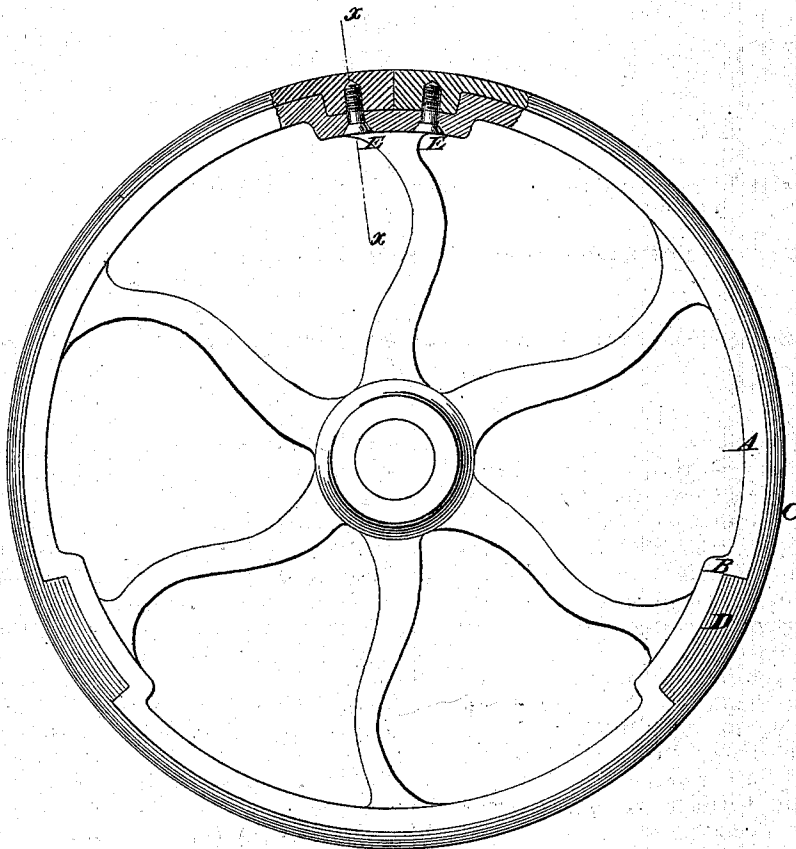
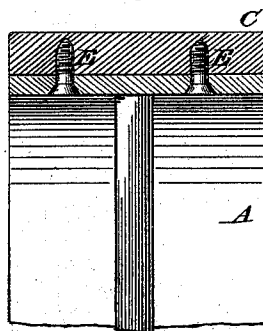


Fig. 2.



Witnesses.

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EDWIN SANFORD, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN BAND-PULLEYS.

Specification forming part of Letters Patent No. **146,615**, dated January 10, 1874; application filed May 5, 1873.

To all whom it may concern:

Be it known that I, EDWIN SANFORD, of the city and county of Hartford and State of Connecticut, have invented a new and useful Improvement in Pulleys; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

The invention consists in making the lagging of pulleys of one rubber or leather strap, at intervals, and at each end, thickened to enter recesses in the rim of the pulley, secured by screws passing up through the wheel-rim thereinto, whereby it will be no longer necessary to take down shaft and remove pulley whenever the lagging needs repair or replacement, but simply to unfasten the screws.

Figure 1 is a side elevation, partly in section. Fig. 2 is a transverse section of Fig. 1.

A is the wheel-rim, having suitable recesses B that will receive the lagging through the top opening. C is a pliable lagging, having

subjacent end thickenings and with the parts D that hold the lagging to the rim. E E are screws that pass up through the rim A into the thickened ends of lagging.

I am aware that lagging, to promote friction between the belt and pulley, has been nailed to wooden strips fastened in dovetailed recesses of the pulley; but the lagging was in a single annular piece, and had no subjacent thickening like mine.

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

The continuous lagging, to fit between a pulley and belt made open at intervals, and at each end thickened to enter the recesses on the rim of the pulley and receive from below a fastening-screw, in the manner described.

EDWIN SANFORD.

Witnesses:

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