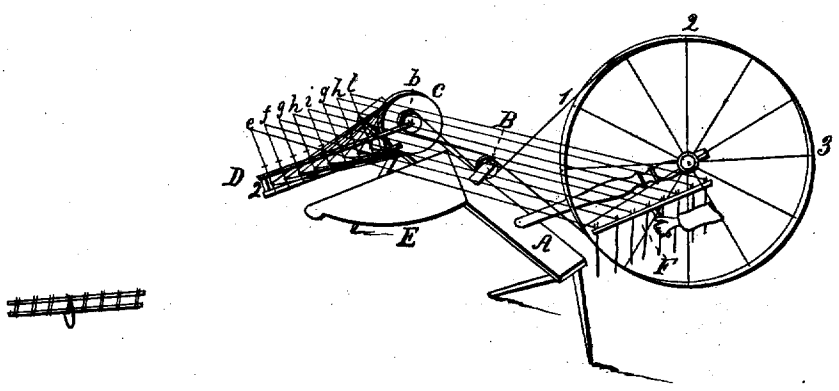
D. S. Wooster.

6380X

Spinning Mach.

Patented Feb. 14, 1831.

No Printed Specification Avallable



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

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David L. Forster Sheldon 1.34

Letters Patent

To all to whom these presents shall come:

Be it known that I David L. Forster of Sheldon in the County of Wyoming and State of New York have invented a new and useful improvement in spinning wool and that the following is a full and exact description of the construction and principle of the said Spinning machine as invented by me. The principal invention consists in the head and spindle arrangement.

A The bank and rim, as commonly made except that they are somewhat larger as the machinery may be put on a common school bench.

1234 5 6 spinning thin head, put through the rim with notches to keep the band from slipping and are fastened with screws.

B The upright shaft with the screw, to keep the band from the rim to the horizontal pulleys, and is about 3 inches in diameter.

C The horizontal pulley 3 inches in diameter 8 the shaft on said pulley around which the band passes to give motion to the spindles, and 2 inches in thickness.

D The spindle which carries the spindle rim is made of steel pivot 4 inches, sufficient to carry the bottom of bowl and is about 8 inches in length, put a large screw in the head of the spindle and then round as shot in the bench for the screw, and is tight in the head. E, F, G, H, I, K, L. The spindle rim, three inches and one half in diameter. M rod on the spindle D on the construction are made of steel wire between the bowl and rim and are split in the middle as far as M to keep them apart enough to put on spindle rim, then closed upon a bearing formed in the spindle rim by turning the rod on the upper part and a ring N turning

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and are confined by a pin of Iron Rod through them, and through the Handles 12 or 14 inches long to hold the frame together.

The Lower Handle should be made of Cotton rope doubled nearly at each end the part is bound with twine and a hook in one end and a hook in the other then it can be hooked into a ring in the Handle (B) The Cotton rope by the hand machine or by joining the rolls made as a band long enough to contain the machine and is fastened to the machine (C) The hand machine which is made of two small pieces of Iron, and are attached together by a spring of iron or steel passing through the hand so that they will open and shut at pleasure by means of another small thin steel spring to bind it together the length of each piece is eight or nine inches and there are three pins in the lower piece passing the upper, which keeps the rolls in their proper place and far enough apart to keep them from touching.

The machine may be used in this way with a pin and hook or by making the horizontal pulley take inches in diameter, it can be used with a band and Cord passing round a thin iron pulley block at the other end fastened to something immovable.

If used with a band and pulley the Spinner takes hold of the band with one hand, with the hand, or roll machine in the other hand turning gently backward about the Lower Handle nearly five times, then work the hand forward, and draw the same part of the band back with a quick motion, then when the hand is drawn back twice the other part of the band and then joined with the same quick motion repeating this motion till the Yarn is twist enough.

By making the frame of the head long enough to keep the horizontal pulley and spinning wheel firmly it can be attached to the end of a house and dispenses the necessity of a house and room.

The Length arising from said machine can be and easily by the three fingers that holds the yarn one time in the common wheel three times.

Daniel Gardner
Thomas Hall