(12) **United States Patent**
Campbell

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(54) **SPINNING WOOL**

(76) Inventor: **Asa Campbell**

Asa Campbell, of Kingston Pennsylvania.

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Asa Campbell himself, of his improvement in the Machine for Spinning Wool. To all to whom these presents shall come. Be it known that I, Asa Campbell of Kingston in the County of Luzerne, and State of Pennsylvania, have invented a new and useful improvement in the Machine for Spinning Wool, and that the following is a full and exact description of the construction and operation of the said Machine as invented and improved by me. The bench may be as in the common old fashioned family wheel for spinning wool,

A piece of timber two by six inches, six feet long supported upon legs of 18 inches or two feet in length, the feet A. 1. to lay in a horizontal direction; into each end of which is to be framed a perpendicular post A. 2. and A. 3. two by three inches and four feet in length, and a piece of timber of the same dimensions, one foot to be eight feet long projecting to the left, to be framed across the legs of the two upright posts; at a suitable distance say eighteen inches from the bottom of the right hand upright post, is to be inserted an axle (as the in common wheel) for the rim B. to turn upon, the rim to be three feet in diameter, upon which rim is to be placed a cord A. 4. to run over a sheet I. four inches in diameter upon an axle fastened in the left piece A. 4. two inches from the upper end of the left hand post A. 2. upon which axle is to be a pendulum Pendelum (so called) to be made of wood one by two inches at top, and one inch diameter round at bottom; 6 feet in length. — At the lower end of which and at a right angle from the same, projecting in front is a spindle D. which like that of the common spindle upon which

wool is spun.— upon the last mentioned sheeve is another sheeve J. one and a half inch in diameter upon which & around the other on the Spindle, runs a cord F.2. nine feet long; into the bottom of the two right hand legs is fixed a treadle G. as in the common small wheel for spinning flax & may be 4 foot long— at the left hand end of which is to be fixed a small pully & block H..1. in which runs a cord F.3. of five feet in length one end of which is fastened to the post A.2. at two feet from the bottom of the same, at the other end of this cord is to be another pully & block H.2. of the same size, in this Pully runs another cord F.4. one end of which is to be fastened to the top piece (A.4) 2 feet from the right hand end of the same and to run from thence through the pully and over a Sheeve K.1. of 3 inches diameter, running upon an axle fixed in the top piece A.4. within three inches of the left hand end of the same, thence to the pendulum (C) and made fast at 15 inches from the bottom of the same. this cord will be eleven feet long.— 12 inches from the bottom of the pendulum (C.) another cord F is fastened, which is to run over a sheeve K.2. of three inches diameter, on an axle fastened in the top piece (A.4.) within three inches of the right hand end of the same, at the other end of which cord is to be attached a weight of two pounds. which weight is to run in a tube E, to stand perpendicular, and be attached to the right hand end of the Machine; the last mentioned cord (F) to be nine feet long. each of the above mentioned Cords may be of the size of the cord or line used on the common wheel for spinning wool.— The improvement which the petitioner claims as his own, and for which he now seeks a Patent, is the principle of moving the Spindle and with the feet by means of the treadle being attached to a pendulum, to which is connected the different Cords & weights calculated to bring the spindle back, & the power using the Machine thereby making it convenient to be worked by the person in a sitting posture.—

Witnesses
A. G. Wright
Philip Nicholson

Ann Campbell

Test: [illegible]