(12) **United States Patent**
**Mason**

(10) **Patent No.: X7959**
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(54) **SPINNING COTTON & SILK**

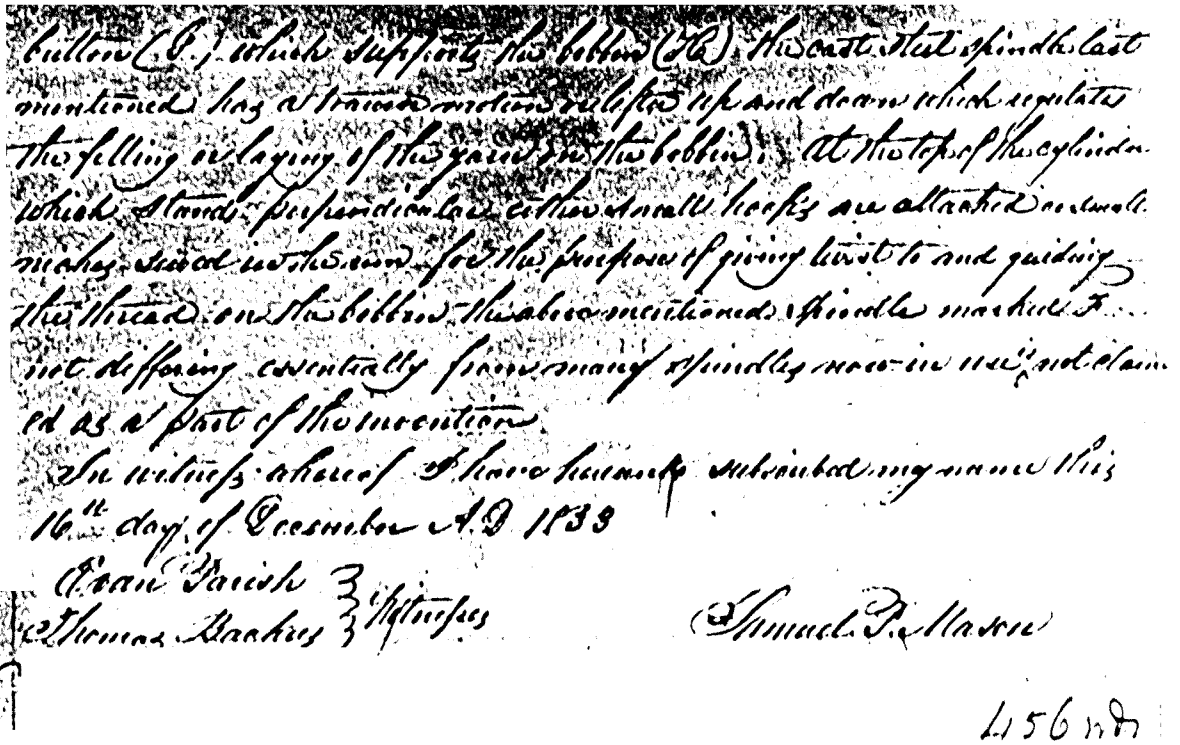
(76) Inventor: **Samuel P. Mason**

# Samuel P Mason Killingly Ct
## 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 Samuel P Mason himself of his improvement in the Machine for spinning Cotton and Silk

To all to whom these presents shall come: Be it known that I Samuel P Mason of Killingly in the County of Windham and State of Connecticut have invented a new and useful improvement in the art of spinning Cotton and Silk consisting of a peculiar flyer and so shaped to be applied to any spinning frame used for spinning Cotton or Silk, and so constructed as to deal with less resistance from the atmosphere than any flyer now in use and consequently to be capable of greater speed and to require less power and that the following specification including reference to the drawings and diagrams hereunto annexed contains a full and exact description of the construction and operation ~~and operation~~ of the said Machine as invented and improved by me —

A cylinder marked A (see diagram) made of brass copper iron or any other suitable material 2½ inches to 3½ in length or of such length as to suit any length of bobbin that the manufacturer may deem proper to use and the diameter of the cylinder made to suit the size of the bobbin say from one to three inches. At one end of this cylinder is a bobbin or head to which a steel or iron bottom spindle (B) is either screwed or brazed from 2½ to four inches in length which runs in a step (C) and has a bearing (D) near the top and close to the bottom of the cylinder and passes through a hole (E) in which a hard brass is inserted to prevent friction to the flyer. Through the above named bottom spindle passes a cast steel spindle (F) and through the centre of the cylinder on which is fixed a steel or brass



bullow (B.) which supports the bobbin (BB) Hiscox steel spindle last mentioned has a toothed wheel (C) keyed upon it which regulates the telling or laying of the yarn on the bobbin (B) at the top of the cylinder which stands perpendicular & contains all the parts are attached & which may stand on the ground for the purpose of giving twist to and guiding the thread on the bobbin. The above mentioned spindle machine not differing essentially from many spindle machine in use is not claimed as part of the invention.

In witness whereof I have hereunto subscribed my name this 16th day of December A.D. 1839

Isaac Parish
Witnesses
Thomas Backus

Samuel P. Moore

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