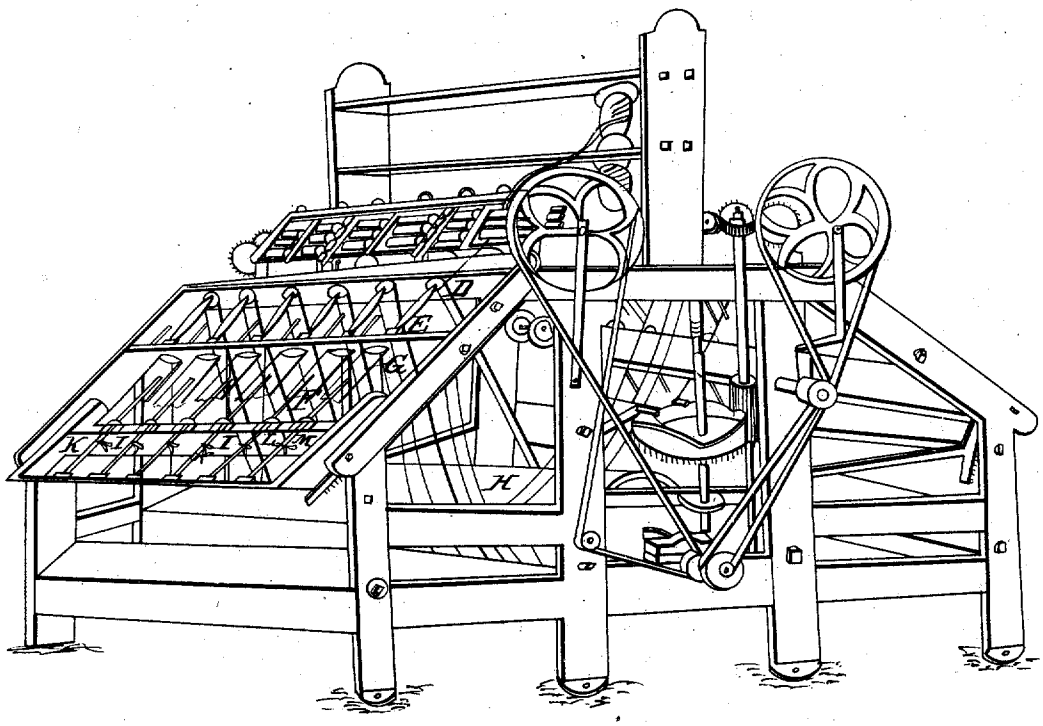
6901X

S. Simmons.

Throstle Frame.

No. Patented Jan. 16, 1832.



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

6901x Jan 16. 1832

Seth Simmons of Providence Rhode Island

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 Seth Simmons himself of his improvement in the "Thread frame for spinning Cotton"

To all persons to whom these presents shall come, Seth Simmons of Providence in the County of Providence and State of Rhode Island, Gentleman sends Greeting. Be it known that the said Seth Simmons has invented and ascertained made and applied to use a new and useful Improvement in the mode of spinning Cotton (specified in the words following to wit). This improvement in the machine commonly called the Thread frame consists in taking the thread from the rolling in the centre of the balance flier. thence running through the guide pin and pulley which is in the said balance flier, through a hole one inch long; and thence passing over the outside of the side of the balance flyer until it comes to another hole one inch from the lower end of the same balance flyer. through which it passes to the end of the flyer, and into the bobbin which receives it in manner following (viz). By a band taken from the drum in the centre of the frame, thence running to a shaft under a joint that holds the lower end of the balance flyer. there is an improvement in the position of the spindle forming instead of a right angle with the machine an angle of not less than four degrees only. these spindles may be termed independent spindles so constructed to move around fast or slow as occasion may require, in spinning the cotton in the manner following viz. take a bar of wood about one inch wide and of sufficient length and size a little bark of the spindle in this bar of wood small steeples of iron about one inch in height are set in and small wooden springs about five inches in length against each spindle A thumb screw rolls into each steeple and bears against the springs aforesaid which springs are intended to bear directly against the spindles near the middle under the steeples. The bearing of the wooden spring instead of being against the spindle, an improvement may be against the lower part of the bobbin the last mentioned one liked by however inferior to the first. Specification
(one)

498 6901X Jan. 16, 1832

I claim as original with me in this invention the method of causing a pinion (the spindle or bobbin) with springs, a method which is practicable in its operation, and without the application of which the machine as above claimed cannot be operated to advantage.

In testimony that the above is a true specification of my said improvement as above described, I have hereunto set my hand and seal this sixth day of February in the Year of our Lord Eighteen Hundred and twenty six

Witnesses
John Brown
Edwin S Brown

Seth Simmons

Pd 10$
1807

[granted January 16. 1832] Lee bro. 500

(No. 1913) Seth Simmons

United States of America } to wit
State of Maryland

I Samuel Fernandis Notary Public by Letters Patent under the Great Seal of the State of Maryland thereunto duly appointed and duly qualified residing in the City of Baltimore, in the State aforesaid do hereby certify attest and make known, that the foregoing Letters Patent, and Schedule, signed "Seth Simmons" of Instrument of writing are true and faithful copies of the originals of which they purport to be copies, the same having been carefully examined and compared with said originals by me Notary and found to agree therewith word for word and figure for figure.

In testimony Whereof I have hereunto set my hand and affixed my seal Notarial this Eighth day of February in the year of our Lord Eighteen hundred and thirty six

Saml Fernandis Notary Pub.

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