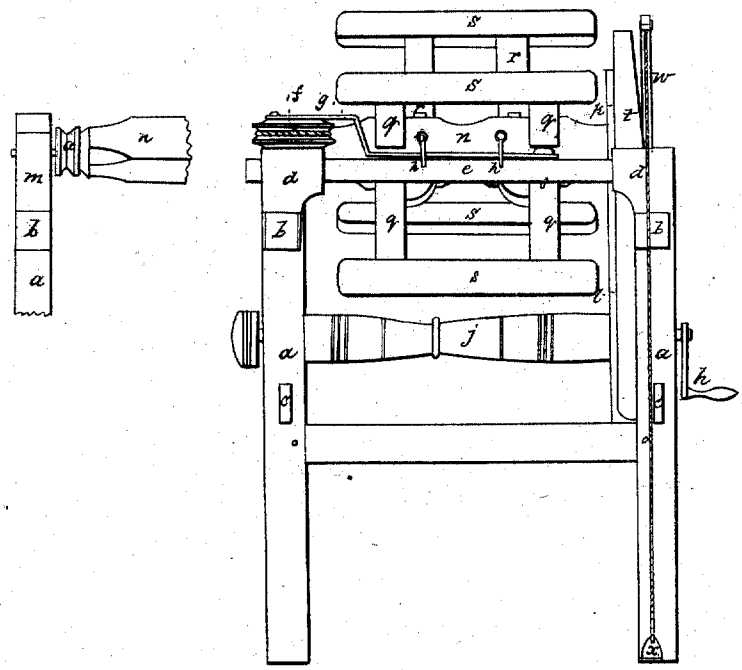
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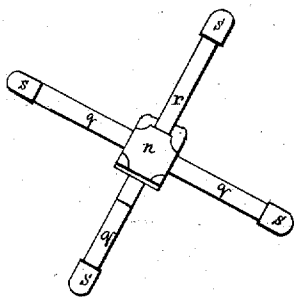
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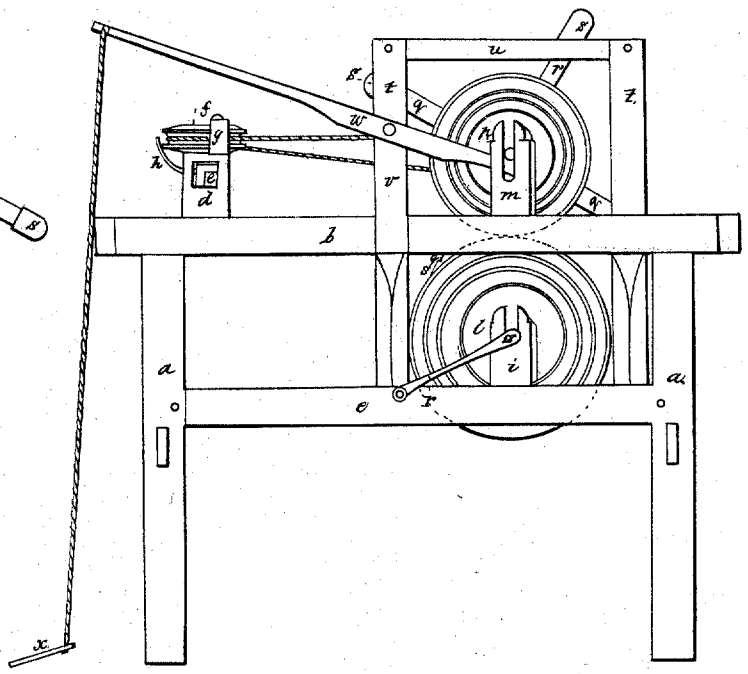
E. Snow.

Silk Reel.

Patented Mar. 16, 1832.







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

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Mar. 16. 1852

3 of 4

Elisha Elwin

Letters Patent

The schedule referred to in these Letters Patent and making part of the Specification of Improvements in the Mode of Elisha Elwin forming of his Improvement in the Machine called a Hide reel for dressing Silk from Cocoons.

The frame to which said reel is attached is composed of four posts of about two feet in length framed into the plates about four feet in length with the posts of about two feet in length which may be of split three inches square to one end of such frame a bough of about twenty inches in length is affixed to the front and post.

The traverse posts of about two inches in length framed into the two plates with a mortise through them with a traverse bar of about twenty two inches in length passing through said mortise with a traverse pulley about 4 inches diameter attached to the top of the traverse post with a pin and traverse guide. Frame of iron in shape of a bow about nine inches in length with one end attached to a traverse pulley with a small screw with the other end fastened with a screw to traverse bar. The traverse bar about four inches in length fastened in said traverse bar about twelve apart the bearings about 5 inches in length framed into the inside line of said plates with a line shaft passing through the bearings with a band pulley attached to the end of said line shaft with a pulley on said line shaft the middle of one of the bearings about 21 inches in circumference the circumference of said pulley to be covered with list to work the cloth. The reel post about twelve inches in length framed into the top of the plates. A reel shaft about 22 inches in length and two inches square in each end of said shafts to have an iron reel post with a pivot at one end of said reel shaft for a hand, with a pulley at the other end said shafts about 8 inches in diameter the circumference of said pulley to be covered with list to work cloth, why Claiming reel arms 14 inches in length and the plates arms about 18 inches in length with a diameter of

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the end by the Shaft with keys to the other side of said Shaft from each head about 4 inches in length framed in the ends of the reel arms

for the Shaft to about three inches in length fastened & framed to the plate on each side of the Reel Pully with a Bar fastened to the tops of the Shaft Bush the under side of said Bush to be traced with Iron to Hold the Circle Of Tubes from about 4 inches in length fastened & framed to the inside of the plate about 6 inches from the reel post Of Iron about 2 feet in length with the end attached to the Reel Shaft with a pin through said Iron about 6 inches from the end made fast to the following Plat

A Handle made fast to one of said Irons by means of a end and the other end fast Handle made fast to the Floor by a Hinge (The before mentioned Iron Shaft may be from 6 feet to 20 or 30 feet in length so as to attach and for the Machine 234 or more feet with the same Power

The reel may be put in Motion either by hand Water Steam or Horse Power as fixed to the Crank Pully attached to the end of the Iron Shaft the Corn is to be placed in the Hopper and Scalded or Steamed with hot water by means of a Steam Pipe with one end placed in a Cauldron or pot of boiling Water at the top of the pot or Cauldron Made Let with a Cock and the other end of the pipe in the Trough Containing Ground (which has Steam and keep the Corn is Warm and fit for Boiling) and when the Reel is thus put in Motion as female can with great ease Manage and turn a Reel Whenever the operator wishes to return or stop the Motion of the Reel it can be done by the foot upon the Handle

When the Reel is filled with Milk it must remain in the Reel till it is properly dried then by removing the two keys which goes through the two Slide arms of the Reel the ground will fall back and the Milk or Grain may then be removed from the Reel with ease and without injury Dated 28th Day of December 1831 Elizabeth Thom

Witness
Henry Brighton
John Bullivant

Enrolled March 28. 1832

[illegible]