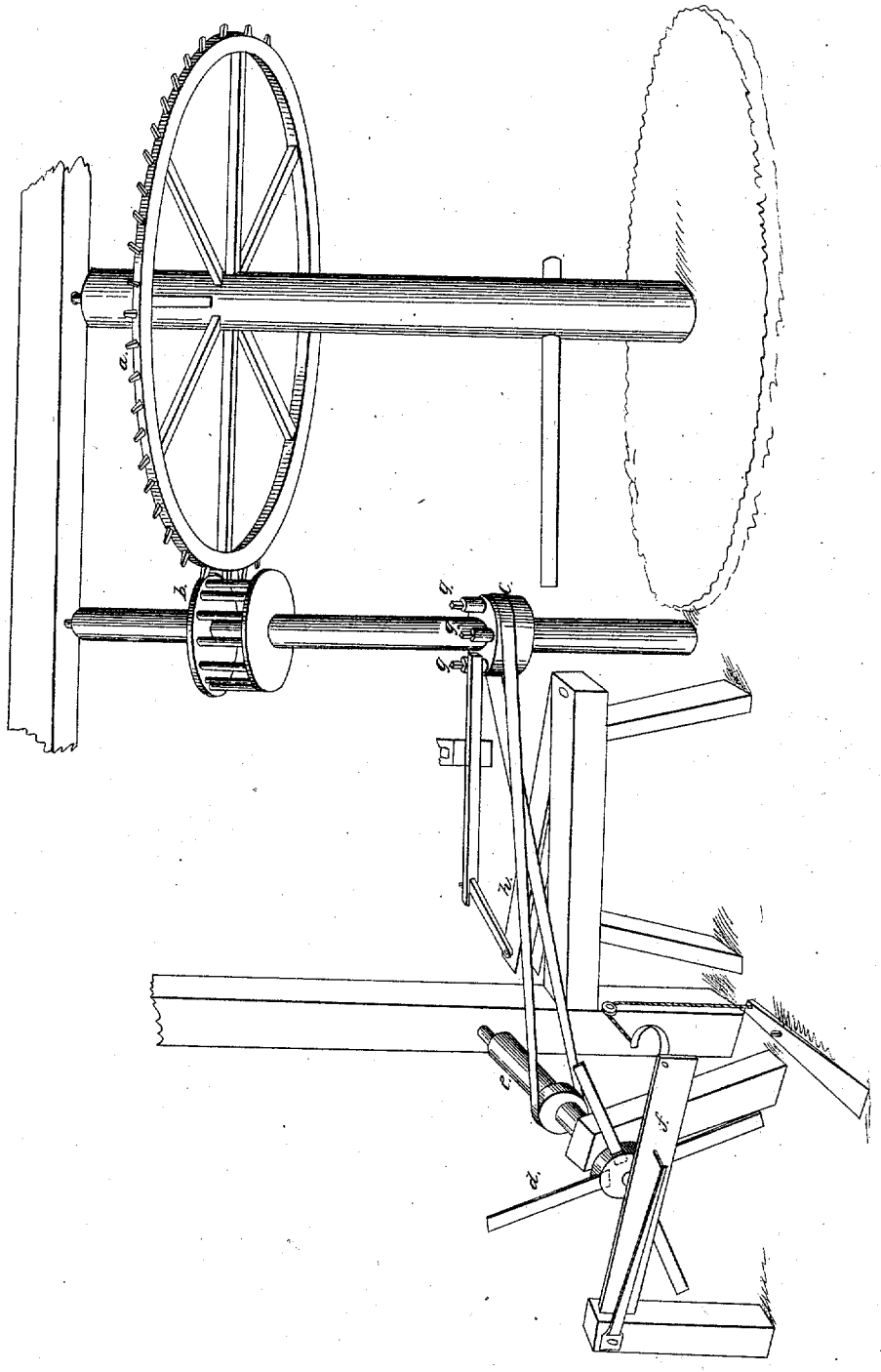
No Printed Specification Available

1597X

A. TANNER.

HEMP AND FLAX MACHINE.

Patented Oct. 24, 1811.



Dec. 24. 1858.

1597x

Architects Tenon.

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description of the Nature of the said Architects Tenon Invention of this Machine for Breaking and Swingling Hemp & Flax.

This Machine is to be put in motion by the force of Men or Animals, Wind Water or Steam as Circumstances may render necessary or convenient, But as animal force may be most generally applied I shall proceed to describe the Machine as moving in that manner. A horizontal Spur Wheel of any convenient Diameter is turned by a horse or other animal. This Spur Wheel communicates Motion to another Wheel or Trundle head on an upright Shaft which also Carries a horizontal Lantern Wheel that gives Motion to the Beating Wheels by Bands or Straps passing over Drums or Pulleys on the axis of the said Beating Wheels. The Beating Knives extend from the Wheels in the Line of the Radii The axes of these Wheels lie in an inclined position so that the Knives incline from the Vertical Line which Mode of placing the axes I particularly Claim as my Invention. But the axis may be placed horizontally if the Circumstances please. The Beating Board over which the Hemp or Flax is to be Swingled is advanced to the Knives by a Pedal or Treadle and withdrawn by a Spring at the option of the operator. A number of Vertical Forks or Fingers rising above the Board which with friction Rollers are drawn by striking against a Moving arm or Lever by means of a Spring that extends from the Lever to the Moving fork a Crank gives Motion to the Crank by the revolution of the Wheel Thus may be any number of these Cranks and Beating Wheels moved by the same Main Wheel at the will of the Conductor of the Machine And if thought advisable Chains may be substituted for bands and Cogs or Sprocket Wheels Sundry and

Drawing made for Communicating Doctors
Pitcher Frame
Bruce Mc Cormick &c
Geo Lyon

Architect Farmer

[360 words

Drawing made for Mr Kent.

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