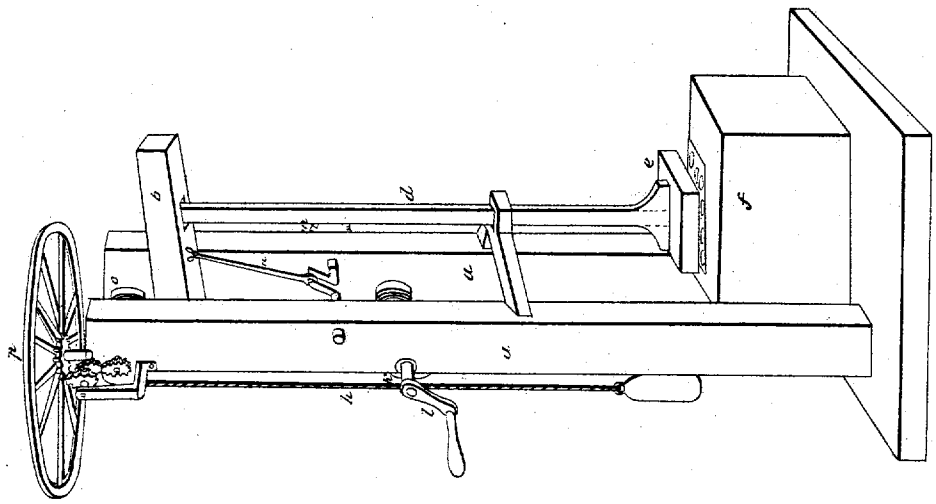
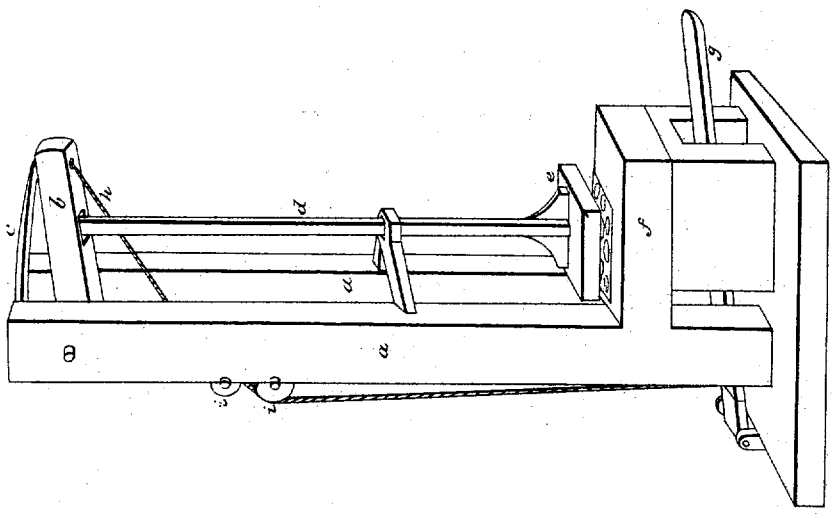
9178X

# W. R. Nivens,

## Cracker Machine,

Patented Oct. 17, 1835.





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

9178x Oct. 17. 1835

# William R. Nevens of New York City
## 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 William R. Nevens himself of his improvement in the machine for cutting crackers and Biscuits

To all to whom these presents shall come, Be it Known that I William R. Nevens of the City, County and State of New York have invented a new and useful improvement in the construction of machinery for operating and cutting crackers, or and Soda Biscuits. 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 constituent parts of the above mentioned machine are as follows. First a perpendicular frame is made of two posts, each about eight inches wide and about six inches thick. and about eight feet high: or of any other suitable size of stuff as may be necessary to make the said frame to any suitable size. near the top of said frame and in the centre is a horizontal lever with one end fastened in the same extending in front about eighteen inches attached to a horizontal spring about the same length. the one end of said spring is fastened on the top of said frame directly above said lever. about through the centre of the said lever is a mortice and in said mortice is fastened a perpendicular rod extending downwards about four feet, guided in its position by a guard fastened in said frame which said rod passes through and at the lower end of said rod is attached the cracker or Soda Biscuit cutters made of some sufficient metal. To cut the ordinary size of Crackers or Soda Biscuit from seven to thirteen at one revolution or any suitable number as may be necessary. Directly under the bottom of said cutter in said frame is attached a horizontal cutting

9178X

block about eighteen inches square and of proportional thickness made of suitable metal near the lower end of said frame is a foot board in front eighteen inches long, and at the back is fastened a strap, or chain, extending upwards over the pulleys on the backside of said frame, then passing through the centre of said frame in front directly under and through said horizontal lever passing on the top of the same and fastened at the end in front where the aforesaid horizontal spring is fastened to said lever and by the operator with one foot on said foot board in front of said machine causes a quick motion through said machine

And if necessary to use the Clock motion on said machine a drum is to be placed where the lower pulley is running on an axle which passes through said frame, at one end of which will be affixed a cog wheel and ratchet, and hand crank to wind up the said machine. On the said same axle, will be attached one wheel above said wheel is a cog wheel running on an axel to which a connecting rod is attached to the same axel with a crank on said axel not using the aforesaid horizontal spring. Near the top of said frame is a small drum that the cord passes twice round, on said cord is a weight that sets the said machine in motion on the axel that the drum runs on is a wheel and pinion, and above that is fastened an axel and bevel wheel and pinnion that sets the fly wheel in motion, and if necessary to set two Rollers in operation it will roll the dough to itself, and by Rolling the dough it is calculated to have a portable table to deliver the biscuits from said machine my particular claim in my improvement is this improvement of said machine being entirely different from any other hitherto known

William R. Stivens

Witnesses

Caleb Angevine

James Rummage

(165 words)

(Patented 17 March 1835)