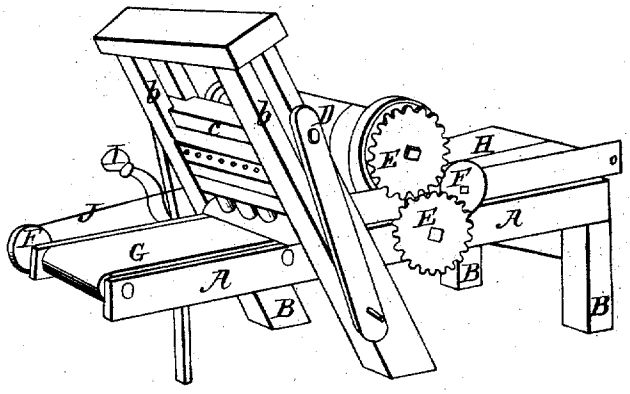
3996X

# D. Pool,

## Cracker Machine,

Patented Dec. 24, 1824.




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

Dec 14 1844

# Daniel Pole 3996 X

The schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Daniel Pole his/his improvement in the Machine for rolling and cutting crackers

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The first consists of a frame standing on four posts, the frame may be about six feet long, and the width agreable to the number of Cutters should be put in the machine, the height from three to four feet the posts at one end of the machine which is called the head, extend up from two to three feet above the sides of said frame, where the slide works, in that the cutters are attached to, these posts are on a pitch of about fifteen degrees, there are two rollers hung in two short posts back of the other head posts, one roller above the other which roll the dough, this dough is brought on by an apron, this apron get its motion by means of two small rollers one of them let into the sides close to the roller that roll the dough, and the other at the back end, this apron is about four feet long and receives its motion from the rollers that roll the dough by means of bands and small pulleys, the dough passes through the rollers on a platform of lead where the cutters and the crackers, this platform of lead is level with the lower roller that rolls the dough, there is another apron that takes the crackers from this platform which is about three feet long and is carried by rollers, the same as the other apron and gets its motion from the roller that roll the dough in the same way as the other apron, the cutters are put on a blade

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plate in a slide similar to a bar gate which works up and down in these plates at the head, the cutters get their motion from a shaft which passes thro' under the platform with the cranks at each end & pitman to connect the crank and slide together, the slides get their motion from this pitman by having two pulleys put on at each end of the upper roller that rolls the dough with cogs on them and bands round them, which must be loose and a catch in one side of the bands which catch in these cogs, there is a handle in one side of these bands which runs out to the platform and is connected to them and when the cutters raise it gives motion to the rollers and when the cutters go down the rollers stand still, these cutters may be put on brass or any other metalic substance in one two or three rows to gather in any number from one to fifty or more, the spindles for these cutters are screwed in through the plate any number may be put in, there are small plates put in for cleaners and get their motion by having two small cogs riveted in each side of the plate and passes thro' the plate that the cutters are placed into [redacted] which keyed in by small handles, this [redacted] each end and when the cutters go down put in to cut and draw the cleaners up, with the cutters, and when the cutters raise, the cleaners [redacted] out by means of a spring and clear the cracker out, the frame is put in the centre of the cutter and [redacted] through the plate, & small bars on the upper side, this frame has no motion but is put in for [redacted]

Witness
Peter C. Herman
William Mitchell

Daniel Poole

Dr Young

660 [illegible]