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X9210

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Daniel Poole

The schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Daniel Poole himself of 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 equal to the number of cutters that are 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 five inches. There are two rollers hung in two short posts back of the other short posts, one over the other, which roll the dough. this dough is brought on by an apron, Thompson gets its motion by means of two small rolls one of them let into the side close to the rollers that roll the dough, and the other at the back end. this apron is about four feet long and receives its motion from the roller that rolls the dough by means of bands and small pulleys, the dough passes through the rollers on a platform of board where the cutters cut the crackers. this platform of board 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 rollers that roll the dough in the same way as the other apron, the cutters are put on a plate

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plate in a shape similar to a saw gate which works up and down in these posts 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 rollers 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 work 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 connect to the pitman and is connected to them and when the cutter raise it gives motion to the rollers and when the cutter 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 fingers for these cutters are screwed in through the plate any number may be put in, there are small plates put in for cleaners and they get their motion by having two small wires rivetted in each side of the plate and passes thro' the plate that the cutters in passing into [illegible] which fayed in by small knives, this [illegible] each end when the cutters go down just [illegible] in to cut and draw the cleaners up in the cutters. and when the cutters raise, the cleaners [illegible] and by means of a spring and clear the cracker out. the name is put in the centre of the cutter and [illegible] through the plate & small burrs on the upper side. the name has no motion but is put in for

Witness
Nelson
John G Herman
William Wilcox

Lemuel Poole