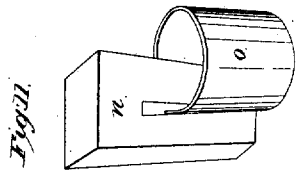
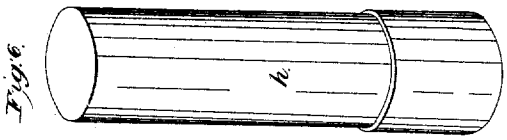
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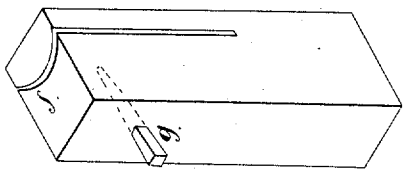
N. & E. P. Crary,

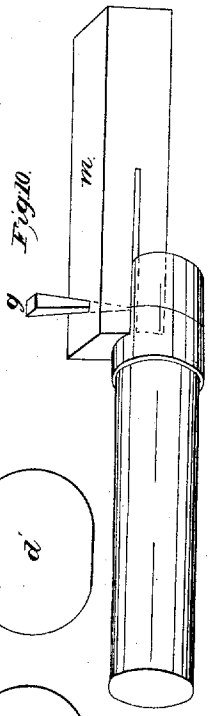
Making Wooden Boxes.

Patented Apr. 6, 1830.

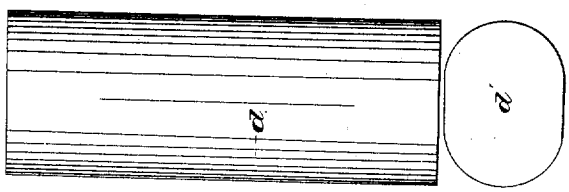


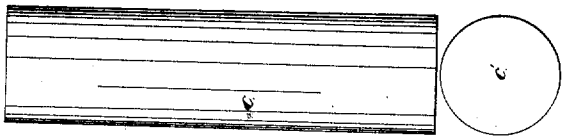


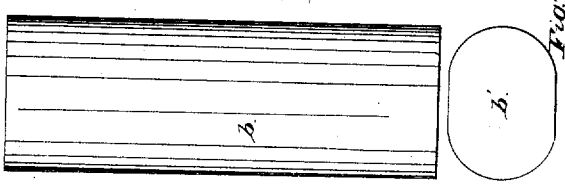


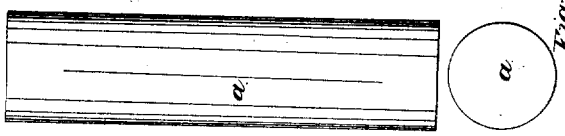


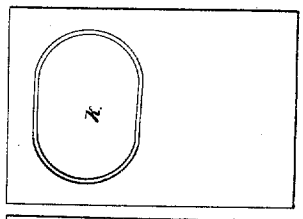


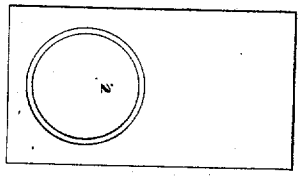












AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

No. 1051. [illegible]

Nathan Lacey & Edward P. Lacey Citizens.

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 Nathan Lacey & Edward P. Lacey themselves of their improvement in the mode of making or Manufacturing Pill Boxes.

To all Persons to whom these shall come:

Nathan Lacey of Lacey, & Edward P. Lacey of the Town of Boxes, both of the County of Stirling & State of New-York, send Greeting.

Be it known that we the said Nathan & Edward P. have invented, constructed, made & applied to use a new & useful improvement in the mode of making or Manufacturing Pill Boxes or the Small Circular or oval boxes, commonly known & distinguished by that name or whatever purpose applied, which improvement consists in the arrangement, application & use of the Rollers the Slitting Gauge, the steel plate & the gripes, specified in the words following:— The Rollers are Solid Cylinders of wood, of convenient length, of which Rollers one is required for the Bodies & one for the covers of Boxes of the same size, which Rollers at their circular surface, are respectively of a diameter equal to that of the inner part of the bodies of the boxes & of the bodies of the covers respectively and around which Rollers the bodies of the boxes and their covers are respectively wound to be glued or fastened. If the boxes to be Manufactured are to be ornamented or Painted, the Rollers shall be of a larger size instead of the circumference of a number of these Rollers is required equal to the number of the bodies & half the number of covers which are in progress of gluing or finishing at the same time. The Slitting Gauge is a piece of wood of convenient size with two steel knives

ab

at right Angles with each other, the most convenient form for each piece of wood is a parallelepiped) into the mortice formed by which said surfaces an excavation or cutting is made semicircular at one surface & flat at the other surface of the said excavation, the last two surfaces being at right Angles with each other, and the semicircular surface of said excavation is of a diameter equal to or a little greater than that of the bodies of the two arms respectively, of small pointed steel or other suitable wood, so as to project into the excavation parallel to the flat surface, & just as far from it as the intended width of the body of a bow arm. The use of the splitting gauge is to cut a shaving or other suitable substance for the body of a bow arm into two equal parts. For this purpose the shaving being wound round the roller as above described, & glued or fastened the roller with the shaving wound it, at one end of it is placed in the excavation in the splitting gauge & being turned round on its circular surface, the shaving is cut by the steel into two equal parts, suitable for the arms of two bows. — The steel plate is a thin plate of tempered steel of about one eighth of an inch in thickness, thro' which is made circular holes of a rather larger circumference at the lower surface than at the upper one, so that the plate at its upper surface presents a sharp edge, round the circumference of the holes. — These holes at their smallest circumference should be precisely equal to that of which the bodies respectively are required to be cut, there should be one hole for the bodies of bows for bows and one for those of the bodies of arrows for the manufacture of bows of one size. — All the bows to be manufactured are to be cut instead of sawed, the holes in the plate must be made of a corresponding shape. — Thus the hole in the plate, when bows of more than one size are to be

[illegible] are made by [illegible] to make them of a[illegible]
[illegible] precisely equal size from each and others in
[illegible] on pieces of wood are then cut up of a suitable
length for rollers.—

The Cramps are blocks of wood or
other proper substance with cuttings or openings in them
of a wedge shape rather larger at the top of the cutting
& smaller at the bottom than the diameter of the box
bodies or the cover bodies respectively & into which
cuttings the box bodies & cover bodies being wound on
round the rollers & glued are respectively pressed or
wedged to dry.—

In testimony that the above is a true
specification of our said improvement as above described
we have hereunto set our hands & seals this twenty fifth
day of January in the year of our Lord one thousand &
eight hundred & thirty.

Witnesses

Calvin Pepperdenner [seal]
John C. Gallup

Nathan Crary
Edward P. Crary

1925