L. N. PLANTE.

SCORING DEVICE.

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1,153,951. Patented Sept. 21, 1915.

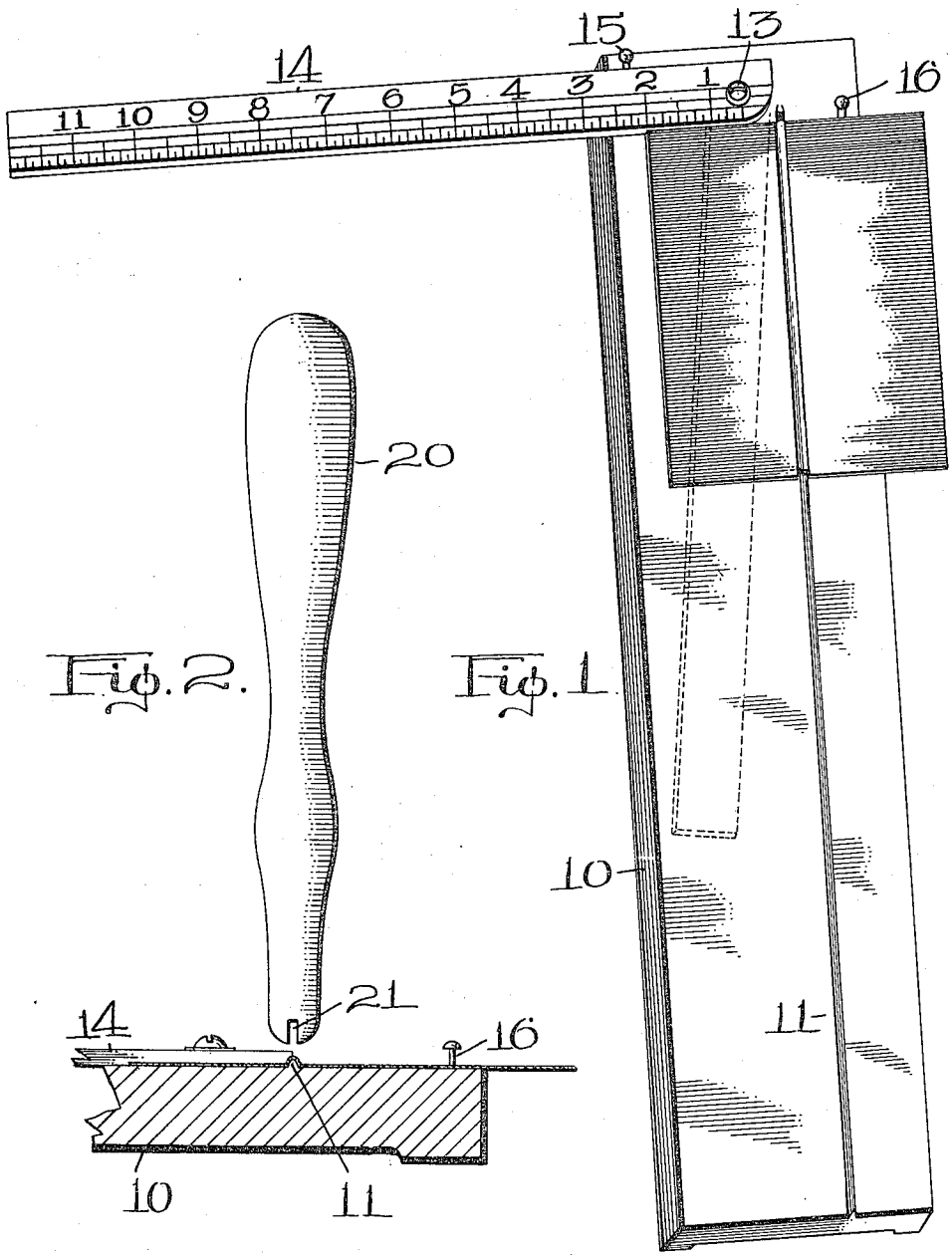


Fig. 2.

Fig. 1.

Witnesses:

C. F. Mason

C. L. Hartnett.

Inventor:
L. N. Plante.
by Attorneys

Southgate & Southgate.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LEVI N. PLANTE, OF AUBURN, MASSACHUSETTS, ASSIGNOR TO EASTMAN KODAK COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION OF NEW YORK.

SCORING DEVICE.

1,153,951. Specification of Letters Patent. Patented Sept. 21, 1915.

Application filed June 28, 1911. Serial No. 635,783.

To all whom it may concern:

Be it known that I, LEVI N. PLANTE, a citizen of the United States, residing at Auburn, in the county of Worcester and State of Massachusetts, have invented a new and useful Scoring Device, of which the following is a specification.

The principal objects of this invention are to provide an exceedingly simple device for use in scoring cards and the like, particularly photograph folder stock; to provide a construction of this character of a minimum number of parts; to provide one in which the card or the like can be placed against stops and will be held thereby in proper position for scoring; to provide a construction in which the distance of the score line from the edge of the card can be regulated to any degree of nicety and in which the parts can be folded together when not in use to occupy a small space.

Reference is to be had to the accompanying drawings, in which,

Figure 1 is a perspective view of a preferred form of the invention showing it in use for scoring a folder, and Fig. 2 is a transverse sectional view through the score stick.

The invention is shown in a very simple form in which it comprises a main plate or board 10 having a longitudinal rib 11 thereon. This rib in the present instance is shown as formed of an integral projection from the board having a rounded substantially semi-cylindrical surface. It extends along the board parallel with its edges and nearer one side than the other. Pivoted near one end of this rib at 13 is a scale 14 so arranged that when it is swung outwardly from the rib against a stop 15 its opposite straight edge will be exactly at right angles to the rib and its divisions will show distances from the rib at right angles. That is, in this position the end of the scale, or the zero mark thereof, will register with the center of the rib. On the other side of the rib is another stop 16 exactly in line with said straight edge of the scale.

In use the scale is drawn out at right angles to the board 10 to the position shown in Fig. 1 against the stop 15 and the card to be scored is placed on the top of the board with one edge against the scale and also engaging the stop 16. This card is moved along until the left-hand edge registers with the point on the scale indicating the distance from that end of the card at which the score line is to be made. On account of the two stops and the fact that the stop 16 is located on the side of the rib opposite the scale it will be readily understood that by placing the card against the scale and the stop 16, its position is accurately determined and the rib will be exactly at right angles to the edge of the card which engages the stop and scale. The parts being in this position a scoring stick 20 having a slot 21 in the end, and of a width slightly less than the greatest width of the rib, is applied to the card at the end of the rib and drawn along the rib with sufficient pressure to score the card. It will be noted that the end of the rib is beveled off and extends slightly beyond the lower edge of the scale so as to form a guide for positioning the scoring stick at the beginning of its operation. This operation results in pressing the card down along both sides of the rib and leaving two parallel grooves between which is a ridge projecting upwardly. This constitutes a score line along which the card can be bent for the purpose of forming ornamental mounts and the like. When not in use, the scale can be swung back on its pivot parallel to the rib.

I regard the simplicity of the device and the ease with which it is operated as its most important features.

While I have illustrated and described a single embodiment of the invention I am aware that many modifications can be made therein by any person skilled in the art without departing from the scope of the invention as expressed in the claims. Therefore I do not wish to be limited to all the details of construction herein shown and described, but

What I do claim is:—

1. As an article of manufacture, a scoring device comprising a plate having a raised longitudinal rib on the surface thereof and provided with stops on opposite sides of said rib near one end thereof having their contact faces alined transversely of the latter for positioning a card with respect to said rib by contact with the same edge of the card so that the movement of the latter transversely of the rib is unlimited by the stops, in combination with a scoring stick having a recess of a formation complemen-

tary to that of the rib and adapted to traverse the same.

2. As an article of manufacture, a device for scoring cards comprising a plate having a semi-cylindrical rib projecting from the surface thereof and having a scale arranged at right angles to said rib near one end thereof and constituting a guide for the edge of a card to be scored, in combination with a scoring stick having a recess of a formation complementary to that of the rib and adapted to traverse the same.

3. As an article of manufacture, a scoring device comprising a plate having a raised rib therealong and having a scale pivoted to the plate near one end of the rib and said plate having a stop for limiting the motion of said scale to a position in which the edge thereof is at right angles to the rib.

4. As an article of manufacture, a scoring device comprising a flat plate having a raised rib therealong and having a scale pivoted to the flat surface of the plate near one end of the rib, said plate having a stop for limiting the motion of said scale to a position in which the edge thereof is at right angles to the rib, said plate also having another stop on the side of the rib opposite the scale and in line with said edge of the scale.

5. As an article of manufacture, a scoring device comprising a plate having a raised integral rib on the surface thereof and provided with means on opposite sides of said rib near one end adapted to position the edge of the card to be scored through joint contact with the same edge thereof so that the movement of the card transversely of the rib is unlimited by said means, in combination with a scoring stick having a recess of a formation complementary to that of the rib and adapted to traverse the same.

6. As an article of manufacture, a scoring device comprising a plate having a straight raised rib on the surface thereof, a scale on said surface adapted to be moved to a position at right angles to the rib, and a stop on the other side of the rib in alinement with one edge of the scale when the scale is at right angles to the rib.

7. In a device of the character described, the combination with a plate having a longitudinal rib on one surface thereof, of a scale pivoted on said plate, a stop for limiting the motion of the scale to a position in which one edge is at right angles to the rib, a second stop on the plate in alinement with said edge of the scale when the scale is in engagement with the first stop, and a scoring stick having a notch in the edge thereof adapted to fit over said rib.

In testimony whereof I have hereunto set my hand, in the presence of two subscribing witnesses.

LEVI N. PLANTE.

Witnesses:
ALBERT E. FAY,
MAY E. REGAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."