(No Model.)

S. G. LUNDY.

MACHINE FOR MEASURING WALL PAPER.

No. 491,488. Patented Feb. 7, 1893.

Fig. 1.

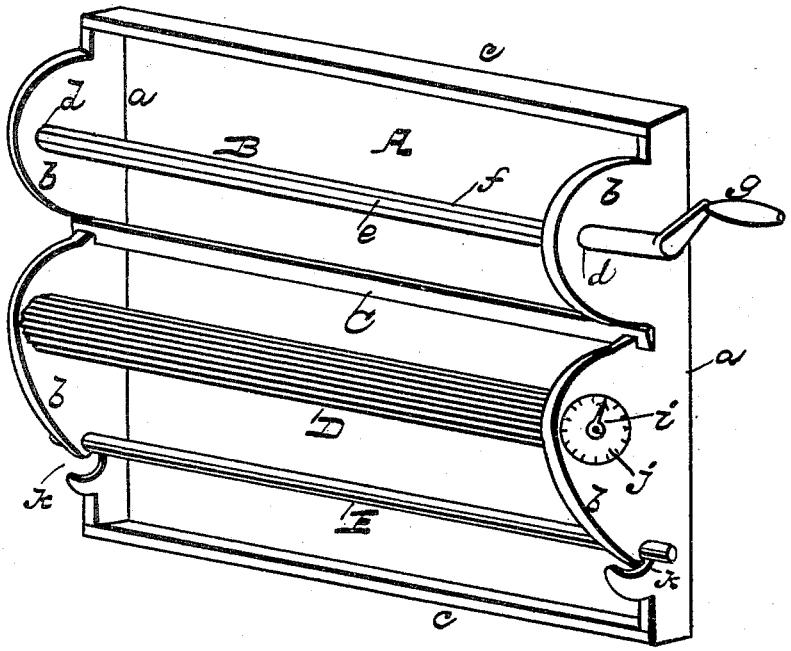

Fig. 2.

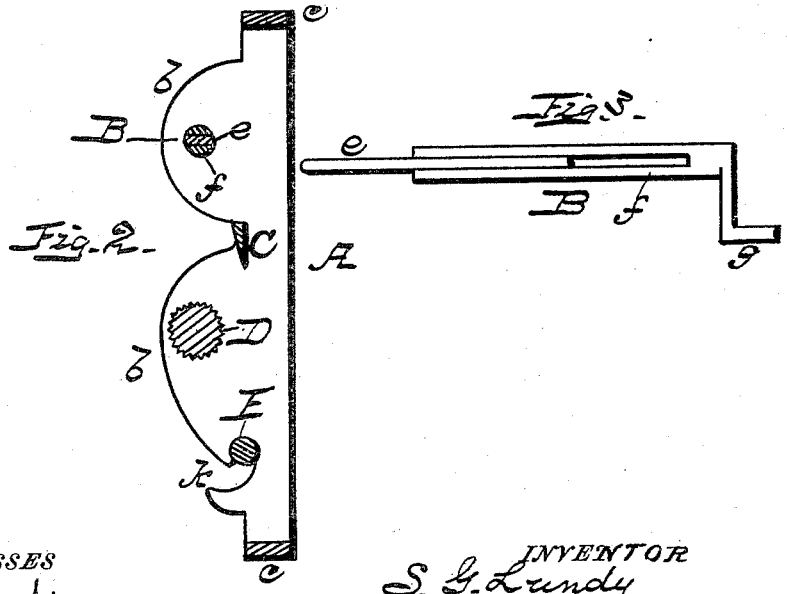

Fig. 3.

WITNESSES

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SINCLAIR GRAY LUNDY, OF ELIZAVILLE, KENTUCKY, ASSIGNOR OF ONE-HALF TO CHARLES HENRY KNIGHT, OF SAME PLACE.

MACHINE FOR MEASURING WALL-PAPER.

SPECIFICATION forming part of Letters Patent No. 491,488, dated February 7, 1893.

Application filed October 15, 1892. Serial No. 448,975. (No model.)

To all whom it may concern:

Be it known that I, SINCLAIR GRAY LUNDY, a citizen of the United States, residing at Elizaville, in the county of Fleming and State of Kentucky, have invented certain new and useful Improvements in Machines for Measuring Wall-Paper; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to improvements in measuring machines designed for use with wall paper and it consists in the novel construction, combination and arrangement of the same all as will be hereinafter fully explained.

The annexed drawings, to which reference is made, fully illustrate my invention, in which Figure 1, is a perspective view of my improved wall paper measuring machine. Fig. 2, is a central vertical sectional view of the same and Fig. 3, is a side view of the receiving roller or bar and its crank handle.

Referring by letter to the accompanying drawings A, designates the frame of the machine, consisting of the vertical side bars *a*, *a*, having forwardly projecting wings or brackets *b*, *b*, and upper and lower transverse bars *c*, *c*, which connect the side bars aforesaid as shown in Fig. 1 of the drawings. The side brackets *b*, *b*, are each laterally perforated as at *d*, *d*, providing bearings for the receiving bar or roller B; the latter being composed of two parts *e*, *f*; the part *f*, is forked and has a crank handle *g*, by which said bar is turned, and a slide bar *e* which engages the forked portion when the machine is in operation.

C, represents a cutting bar or knife which has its end bearings in the brackets as shown and is designed to cut the paper when the desired amount is wound upon the crank bar.

D, indicates a revolving roller, the surface of which is roughened or serrated and has its end bearings in the brackets below the knife and crank bar. At one end of this serrated roller the same is provided with a pointer *i*, that indicates upon a dial *j*, on the side of the bracket, the amount of paper wound upon the crank bar.

E, represents a rod transversely arranged upon the frame, the two ends of which are journaled, (but removably attached) in slotted openings *k*, *k*, in the lower portion of each bracket as shown clearly in Fig. 1, of the accompanying drawings.

Having described the different parts of which my device is composed I will now explain its operation. The roll of wall paper is placed upon the rod E, the free end of said paper is then passed upwardly and over the serrated roller D, and under the knife C, and after which, the end of said paper is passed into the forked portion of the crank bar, after which the slide *e*, is forced into the fork endwise, thus firmly securing the end of the paper to said crank bar. The operator turns the crank and the paper thereby is unwound from the lower rod and wound upon the crank bar, at the same time said paper is passing over the serrated roller D, revolving the latter, carrying with it the pointer, which by the dial indicates the number of revolutions said roller makes, the hand on the dial pointing to the figure (from one to twenty four) indicating the number of feet of paper unwound from the rod and wound upon the crank bar, after which the paper is pressed upon and cut by the knife. To remove the paper from the crank bar, the slide *e* is first withdrawn from the forked bar, when the latter can be readily withdrawn from the measured paper, and a machine as herein described and shown is simple in operation, durable and at the same time cheap to manufacture.

What I claim is—

The combination in a machine of the character described of the crank bar, forked, having the slide, the main frame and knife the serrated roller having the pointer adapted to engage the dial on the frame and the rod E said rod, crank bar, and serrated roller having their end bearings in the frame, brackets, substantially as described.

In testimony whereof I affix my signature in presence of witnesses.

SINCLAIR GRAY LUNDY.

Witnesses:

B. M. THOMPSON,

T. C. DAUGHERTY.