(No Model.)

L. P. JACKSON.

PAPER TRIMMING MACHINE.

No. 439,954. Patented Nov. 4, 1890.

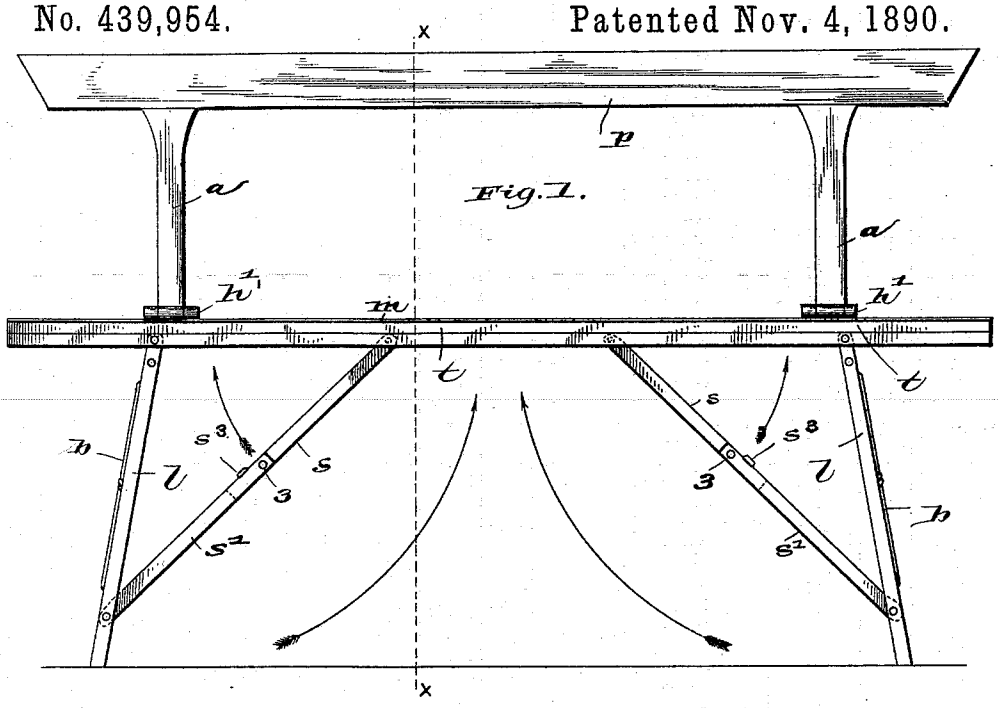


Fig. 1.

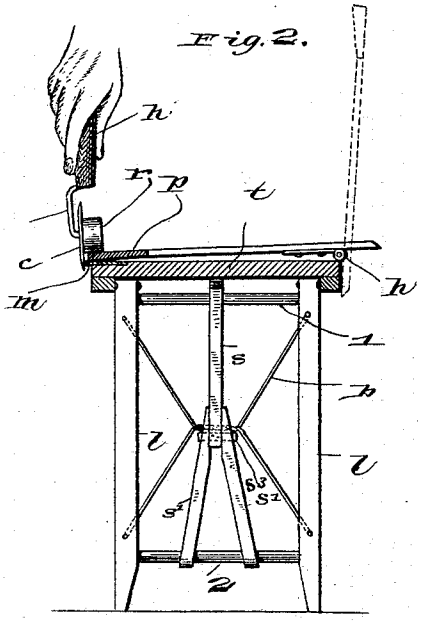


Fig. 2.

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LEWIS P. JACKSON, OF HARTFORD CITY, INDIANA, ASSIGNOR OF ONE-HALF TO WILMOT H. CAMPBELL AND WILLIAM S. BRANNUM, BOTH OF SAME PLACE.

PAPER-TRIMMING MACHINE.

SPECIFICATION forming part of Letters Patent No. 439,954, dated November 4, 1890.

Application filed April 18, 1890. Serial No. 348,572. (No model.)

To all whom it may concern:

Be it known that I, LEWIS P. JACKSON, of Hartford City, county of Blackford, and State of Indiana, have invented certain new and useful Improvements in Paper-Trimming Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters and figures refer to like parts.

My invention relates to the construction of devices for trimming and splitting wall paper and borders; and it consists in the various devices hereinafter set forth, and will be understood from the following description.

In the drawings, Figure 1 is a front view of my device, the arrows showing the direction in which the legs fold up beneath the table. Fig. 2 is a section on the line x x Fig. 1.

In detail my device consists of a table t, which is supported upon pivoted legs 1, made in pairs and connected by upper and lower horizontal braces 1 and 2, and by diagonal wire braces b, centrally twisted together, as shown, and the lower cross-braces 2 are connected to upright braces s' s', which are pivoted at 3 to an upper brace s, making a central joint or hinge in the brace, so that as the legs 1 are folded up toward the table in the direction of the arrows the joint 3 in the hinge-brace will also swing inward, allowing the whole frame to be folded up against the under side of the table. A stop s^3 limits the movement of the hinged parts behind. A metal strip m is let into the front edge of the table, its top being flush with the latter and its edge projecting a short distance beyond that of the table, for the purpose hereinafter described.

p is a pressure-bar connected to arms a, which are hinged at h to the rear edge of the table. Thus hinged, the bar will always fold down at a fixed place on the table t, and it has several functions—viz., it holds the paper to its place while being split or trimmed, it furnishes a bearing for the roller, and by reason of its thickness it removes the roller far enough from the table to give a greater velocity to the rotary motion of the edge of the knife.

c represents the knife, which is used in connection with the table herein shown, and the manner in which the knife is held during the cutting of the paper is shown in Fig. 2. The construction of this knife is peculiar and is not herein claimed, being made the subject-matter of another application upon division of this case.

When it is desired to cut paper, the strip is laid upon the top of the table t, projecting over the edge of the metal strip as far as it is desirable to be cut. The pressure-bar p is then laid down upon the top of the paper in the manner shown in Fig. 2, and the top of this bar furnishes a bearing for the roller r, which is placed upon it, and the knife projects over the bar and the metal plate m, as shown in Fig. 2, and is run rapidly along, and the paper is then severed between the edge of the cutter and the squared edge of the metal strip. The device operates substantially like a pair of scissor-blades. In trimming or splitting paper, hangers usually coat the inner side with paste and then fold the parts over one upon the other, making a short strip, and in cutting this with scissors the paste is likely to make the scissors stick, and it is practically impossible to make a straight edge with them on pasted paper. These difficulties are fully overcome with my device.

What I claim as my invention, and desire to secure by Letters Patent, is the following:

1. A trimming device for paper-hangers, comprising a table having a solid top t, supported upon foldable and jointed leg-frames beneath, a metal cutting-strip m, set in the front edge of the table, and a pressure-bar p, hinged to the rear edge thereof and foldable down upon the metal cutting-strip, all combined substantially as shown and described.

2. A paper-hanger's table comprising a top t, supported upon foldable legs b, the latter connected to the top by jointed braces s' s', having a metal strip m, secured to and projecting over the front edge of the top, and a pressure-bar b, hinged to the rear of such top and adapted to fold down upon the metal strip for holding the paper between them, all combined substantially as shown and described.

In witness whereof I have hereunto set my hand this 12th day of April, 1890.

LEWIS P. JACKSON.

Witnesses:
SYDNEY W. CANTWELL,
JOHN CANTWELL.