No. 677,128. Patented June 25, 1901.

W. M. GLENZINGER.

STRIPING AND ORNAMENTING DEVICE.

(No Model.) (Application filed Sept. 11, 1900.)

Fig 1

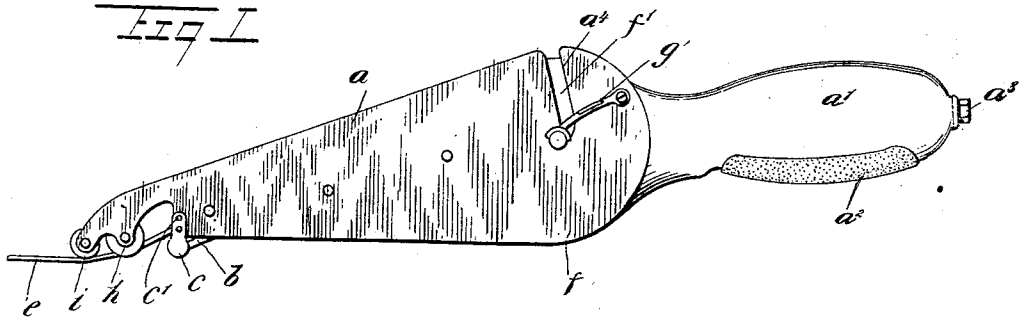


Fig 2

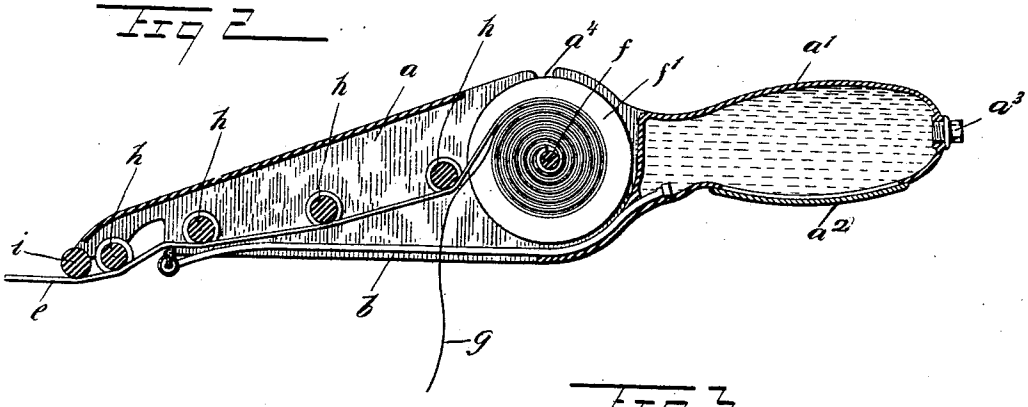


Fig 3

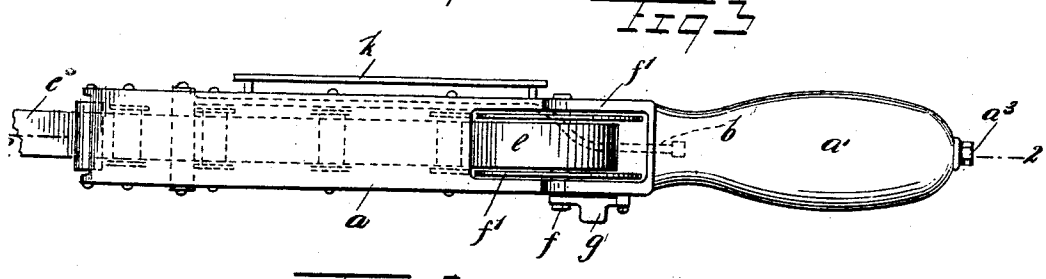


Fig 4

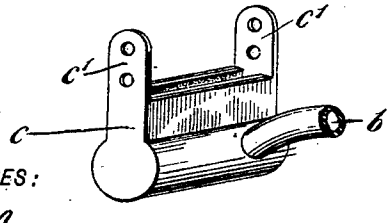


Fig 5

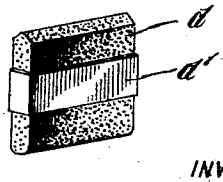
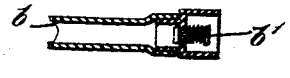


Fig 6



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UNITED STATES PATENT OFFICE.

WILLIAM MORRIS GLENZINGER, OF FERNANDINA, FLORIDA, ASSIGNOR OF ONE-HALF TO LOUIS G. HIRTH, OF SAME PLACE.

STRIPING AND ORNAMENTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 677,128, dated June 25, 1901.

Application filed September 11, 1900. Serial No. 29,702. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MORRIS GLENZINGER, a citizen of the United States, and a resident of Fernandina, in the county of Nassau and State of Florida, have invented a new and Improved Striping and Ornamenting Device, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide means for conveniently and effectively applying gold-leaf and other thin sheets of material to woodwork and the like for ornamenting it. The device may be used to apply any color or pattern desired, and it comprises means for carrying a roll of the article applied, which is in the form of a long strip with a suitable cement on one side, the device having a moistening appliance, so as to wet the cement, after which it is pressed on the surface to be ornamented.

This specification is the disclosure of one form of the invention, while the claim defines the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side view of the invention. Fig. 2 is a section on the line 2 2 of Fig. 3. Fig. 3 is a plan view. Fig. 4 is a detail perspective view of the case which carries the moistening-sponge. Fig. 5 is a detail view of the moistening-sponge, and Fig. 6 is a detail section showing the valve in the water-pipe.

The device has a casing a, forming the body portion, and a handle a', which forms a reservoir and is provided with a flexible wall a^2, that may be pressed inward to pump the water or other liquid in the reservoir a' out of the same. The hollow handle a' is filled through an aperture in the end of the handle, which aperture is commanded by a screw-cap a^3. Leading from the interior of the handle a' is a pipe b, preferably formed of rubber and provided at its receiving end with an inwardly-opening check-valve b', which prevents the backflow of the liquid into the reservoir a'. The pipe b leads to a cup c, having upwardly-projected lugs c', whereby it is fastened to the side walls of the casing a, as shown best in Fig. 1. Within the cup c is fitted a sponge d, and this sponge is provided with a clip d', extending around it and serving to hold the sponge in proper form, this clip being fastened into the cup c, so that the sponge is in contact with the water which is introduced into the lower portion of the cup.

The strip e of gold, color, or design stripe, or other material, is wound in a roll around a spindle f, and a sheet of oiled paper or the like g is wound in the roll also next to the cemented side of the strip e, so as to prevent the cement from adhering prematurely. The spindle f is mounted in bearings a^4, formed in the casing a, and the spindle carries disks f' at its sides, which lie against the edges of the strip e and inside of the casing a. A suitable brake g' is provided to retard the revolution of the spindle f and prevent the strip e from unrolling too rapidly. The strip e is guided from the roll on a number (preferably four) of guide-rollers h, which are flanged to insure their proper engagement with the strip and which causes the cemented side of the strip to pass over the top of the sponge e and contact therewith, so as to wet the strip. A pressing-roller i is provided, by which the strip is pressed to the surface to which it is applied and the cement caused to adhere thereto.

In using the apparatus the operator grasps the handle a' and starts the strip out from the casing, as shown in Fig. 1. The device is then moved along the surface to which the gold-leaf is to be applied and the roller i presses the gold-leaf thereon. The sponge d wets the cement and the gold-leaf is then caused to adhere to the surface. The casing a is provided with a guide k at one side thereof, which is adapted to be run along the straight edge, so as to enable the device to be moved in a straight line when the strip is applied to the surface to be ornamented.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A striping device, having a casing provided with means for carrying a roll of material to be applied, a series of guide-rolls mounted in

the casing to lead the strip of material from the roll, a cement-applying device arranged in the casing so that the strip of material passes between the guide-rolls and the cement-applying device, and a pressing-roll arranged at the end of the casing to bear on the strip and press it against the surface to which it is to be applied.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM MORRIS GLENZINGER.

Witnesses:
C. H. WHITNER,
R. A. JEFFREYS.