

(No Model.)

G. GIGLIO.
EYELETING MACHINE.

No. 449,795.

Patented Apr. 7, 1891.

Fig. 1.

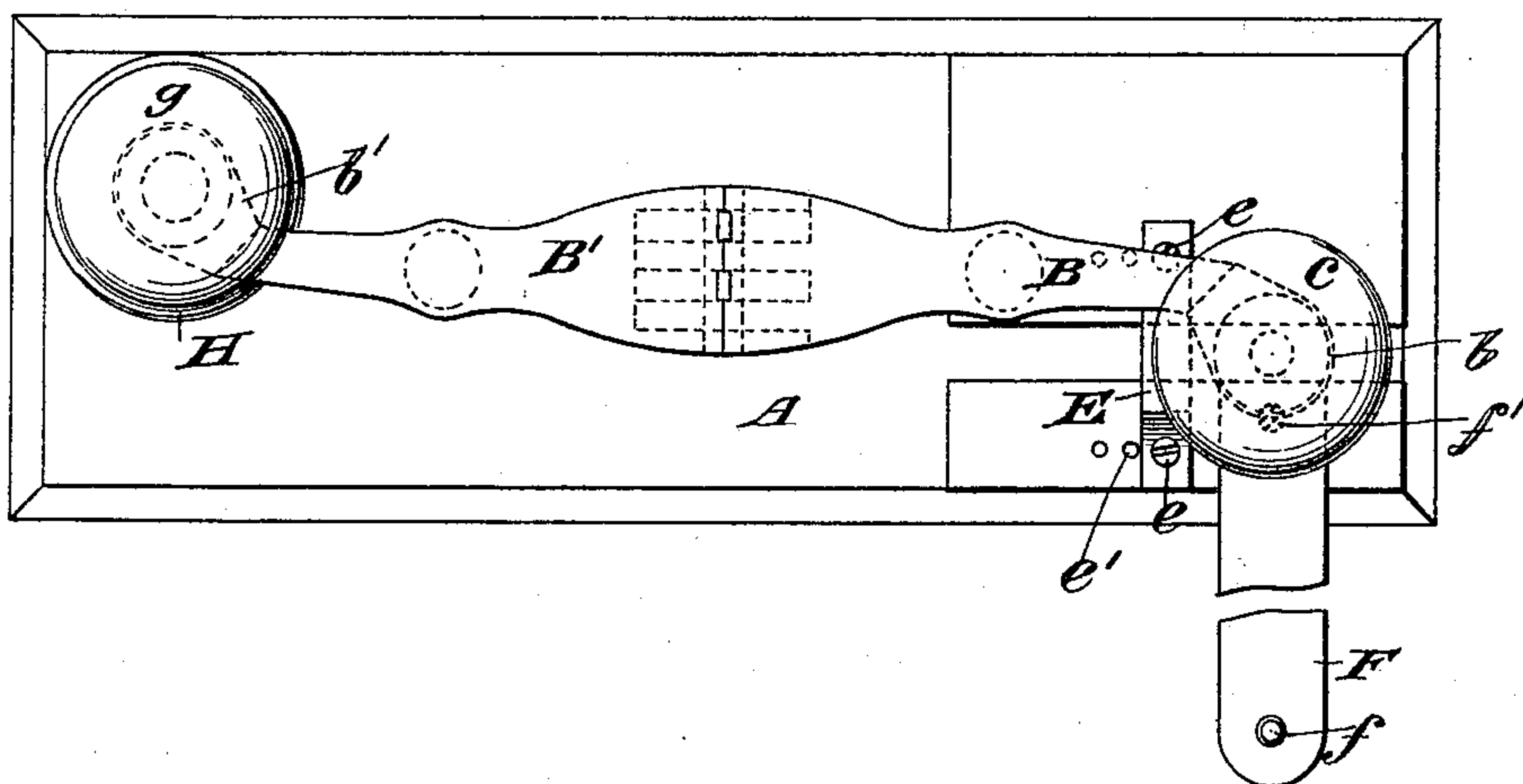
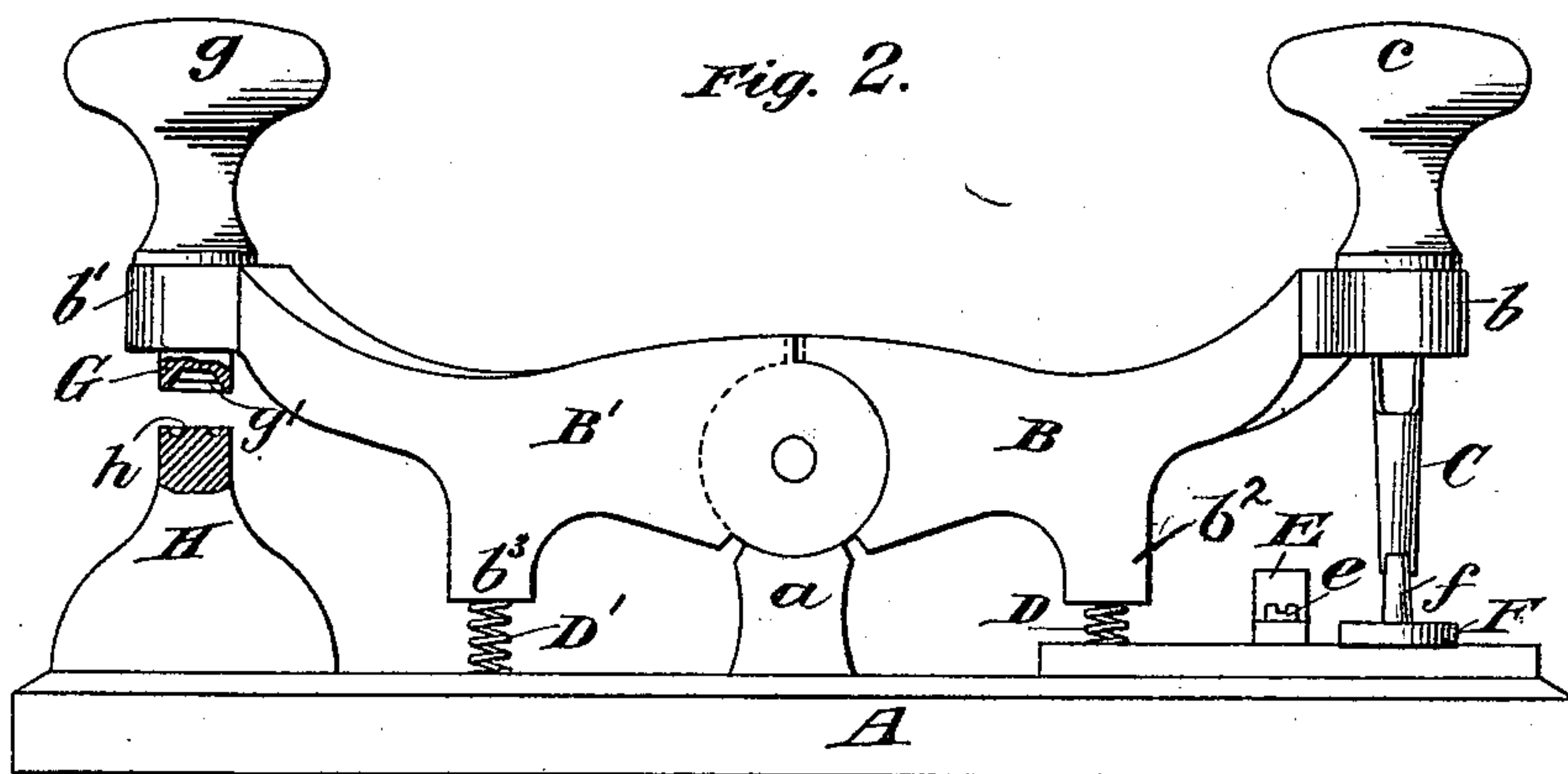


Fig. 2.



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UNITED STATES PATENT OFFICE.

GIOVANNI GIGLIO, OF NEW YORK, N. Y.

EYELETING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 449,795, dated April 7, 1891.

Application filed August 5, 1890. Serial No. 361,098. (No model.)

To all whom it may concern:

Be it known that I, GIOVANNI GIGLIO, of the city and county of New York, in the State of New York, have invented a new and useful Improvement in Devices for Securing Eyelets Along the Edges of Carpets, of which the following is a specification.

My invention relates to an improvement in means for furnishing the carpet along its margin with eyelets.

In the accompanying drawings, Figure 1 is a top plan view of the device for inserting eyelets at regular intervals along the margin of the carpet. Fig. 2 is a view of the same in side elevation.

A represents a pedestal of suitable size and shape, here shown as of flat oblong form and provided at its center with an uprising support *a* fixed thereto. To the upper end of the support *a* a pair of oppositely-extending arms B and B' are hinged, so that their free ends may spring vertically. I find it desirable to turn the extreme ends *b* and *b'* of the said arms B and B' laterally in opposite directions, as shown, for convenience in operating the arms successively. The outer end of the arm B carries a punch C for the purpose of punching a hole in the carpet to receive the eyelet.

For convenience in operating the punch I provide a knob or handle *c*, having an upper rounded smooth surface for receiving a blow from the palm of the hand to force the punch through the carpet. Intermediate between its hinged and free end the arm B is provided with a seat *b*² for the reception of one end of a spring D, the tension of which tends to return the arm from its depressed position when the punch is forced through the carpet.

For the purpose of forming the holes to receive the eyelets at a uniform distance back from the edge of the carpet, I provide a guide E, here shown as a narrow oblong strip secured to the pedestal by means of screws *e*, and by providing the pedestal or base with a series of holes *e'* the said guide may be adjusted farther from or nearer to the punch, as desired.

To provide for forming the openings for the eyelets at a uniform distance from one another, I provide an arm F, which projects in

the direction of the edge of the carpet outwardly from the axis of the punch, and is provided at or near its outer end with an uprising stud *f* for receiving the eyelet last set in the margin of the carpet. I find it convenient to pivot the arm F to the base or to clamp it thereto by a set-screw *f'*, so that when not in use and for purposes of packing the arm F may be swung around upon the top of the pedestal or base.

The arm B' is provided at its free end with a die or hammer G for clinching the eyelet. Said die or hammer G is provided with a handle or knob *g*, having a smooth upper surface for receiving a blow from the palm of the hand, and its lower or operating face is provided with a recess *g'* for the purpose of engaging and turning down the point of an eyelet.

Directly underneath the die or hammer G a support H is located, having in its upper end a seat *h* for receiving the head of the eyelet which is to be upset. The arm B' is also provided intermediate of its free ends with a seat *b*³ for one end of a retracting-spring D'.

The operation of the device is as follows: At one corner the carpet is placed with its edge against the guide E and a hole punched therethrough by the punch C. An eyelet is then inserted through the hole and placed with its head in the seat *h* of the support H and the die or hammer G struck, thereby upsetting the point of the eyelet and fixing it securely to the carpet. The carpet is then adjusted with the hole just formed slipped over the stud *f* on the arm F, and the carpet drawn smooth beneath the punch with its edge against the guide E, when another hole is punched. This hole is provided with an eyelet in the same way as before, and so the operation goes on until the entire margin of the carpet has been provided with eyelets. The carpet when thus provided with eyelets may be removably secured to the floor over retaining-studs or other well-known and approved fastenings placed at proper intervals apart.

What I claim as my invention is—

The herein-described carpet-eyeleting device, comprising a suitable pedestal or sup-

port, a pair of spring-actuated swinging arms
pivotaly secured to the support and carrying
the one a punch and the other an upsetting
die or hammer, a gage for determining the
5 distance of the edge of the carpet from the
punch, and a movable arm adapted to extend
away from the punch in the plane in which
the carpet is fed and provided with a retain-

ing device adapted to engage the carpet in
the eyelet-opening last formed and thereby to
present the carpet in position to receive the
punch, substantially as set forth.

GIOVANNI GIGLIO.

Witnesses:

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