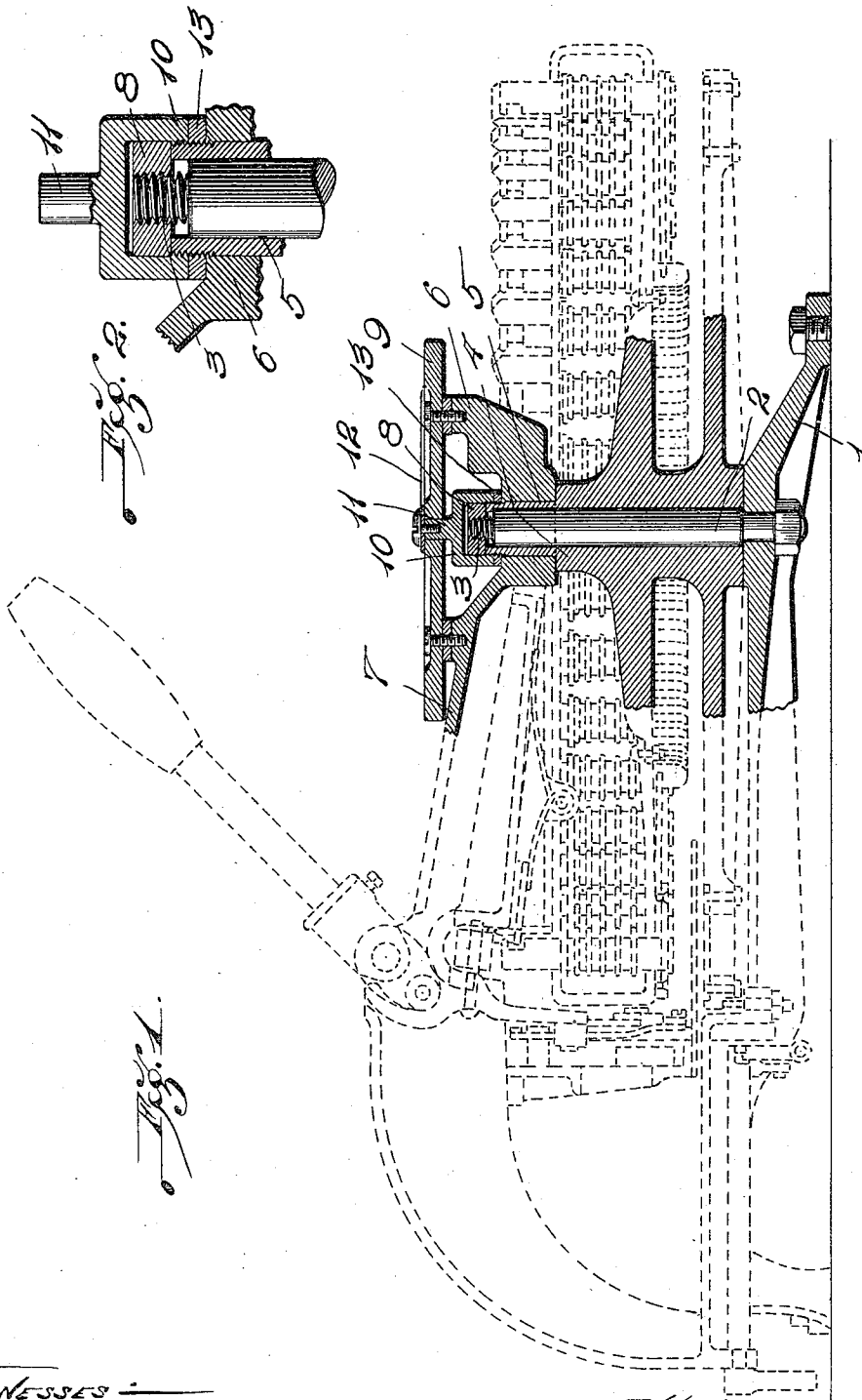


P. J. WOLF.
STENCIL CUTTING MACHINE.
APPLICATION FILED SEPT. 4, 1909.

949,950.

Patented Feb. 22, 1910.



WITNESSES:
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UNITED STATES PATENT OFFICE.

PAUL J. WOLF, OF ST. LOUIS, MISSOURI, ASSIGNOR TO DIAGRAPH COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

STENCIL-CUTTING MACHINE.

949,950.

Specification of Letters Patent.

Patented Feb. 22, 1910.

Application filed September 4, 1909. Serial No. 516,296.

To all whom it may concern:

Be it known that I, PAUL J. WOLF, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Stencil-Cutting Machines, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical section taken through the center of a stencil-cutting machine of my improved construction, with parts thereof shown in dotted lines. Fig. 2 is an enlarged detail section of the upper end of the fixed post or standard on which the rotating die carrier is arranged.

My invention relates to an improvement in the type of stencil-cutting machines shown and described in Patent No. 808,308, issued December 26, 1905, the principal object of my invention being to rigidly fix a post or standard on the base of the machine, and upon which post or standard the die carrier of the machine is arranged for rotation.

A further object of my invention is to provide a simple connection between the rotating die carrier and the pointer which operates immediately above the fixed indicating disk on the top of the machine.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts hereinafter more fully described and claimed.

Referring by numerals to the accompanying drawings, 1 designates the base of the machine and rigidly fixed thereto in any suitable manner is the lower end of the post or standard 2, the upper end of which is reduced in diameter and screw-threaded as designated by 3. Arranged for rotation on the post 2 is the hub of the die carrier 4, and formed integral with the upper end of said hub is a sleeve 5 which rotates in a bearing 6 formed on the rear end of the arch 7 of the machine.

Located on the reduced screw-threaded upper end of the post 2, and bearing against

the upper end of the sleeve 5, is a nut 8. Fixed on the rear portion of the arch 7 is the usual indicator disk 9. Screw-seated on the extreme upper end of the sleeve 5 and inclosing the nut 8, is a cap 10, from the upper end of which projects a pin 11, the same being journaled for rotation in a bearing formed in the center of the disk 9 and fixed to said pin is one end of a pointer 12, the opposite end of which terminates adjacent the letters and figures carried by the disk 9. Lock nut 13 is interposed between the cap 10 and the bearing 6 in order to reduce the friction between said parts when the cap rotates with the die carrier.

By rigidly fixing the post or standard 2 on the base, a very firm bearing is provided for the rotating die carrier, and such construction is particularly advantageous when the machine is being assembled or taken apart. The die carrier rotates freely upon the base or standard 2 and as the cap 10 is carried by the upper end of the hub of said die carrier, the pointer 12, carried by said cap, will move with the die carrier and indicate on the disk 9 the letter or figure corresponding to the die beneath the operating handle of the machine.

Having thus described my invention, what I claim is:

1. In a stencil cutting machine, a base, a post located thereon, an indicator disk fixed on the frame of the machine, a die carrier arranged for rotation on the post, a member removably positioned on the hub of the die carrier a portion of which member is journaled for rotation in the disk and a pointer carried by said member and adapted to traverse the face of the disk.

2. In a stencil cutting machine, a frame, a post fixed thereon, a die carrier arranged for rotation on the post, the hub of which die carrier extends through the frame at the upper end of the post, an indicator disk fixed on the frame above the post, a member journaled in said disk and carried by the die carrier and a pointer carried by said member and adapted to traverse the face of the disk.

3. In a stencil-cutting machine, a base, a

post rigidly fixed thereto, an indicator disk
arranged on the frame of the machine above
the post, a die carrier arranged for rotation
on the post, a cap on the upper end of the
5 hub of the die carrier, and a pointer carried
by said cap.

In testimony whereof I hereunto affix my

signature in the presence of two witnesses,
this 2nd day of September, 1909.

PAUL J. WOLF.

Witnesses:

F. R. CORNWALL,
LENORE CLARK.