

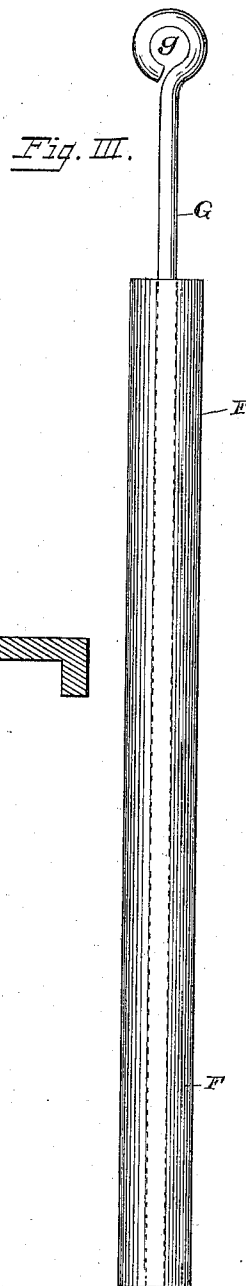
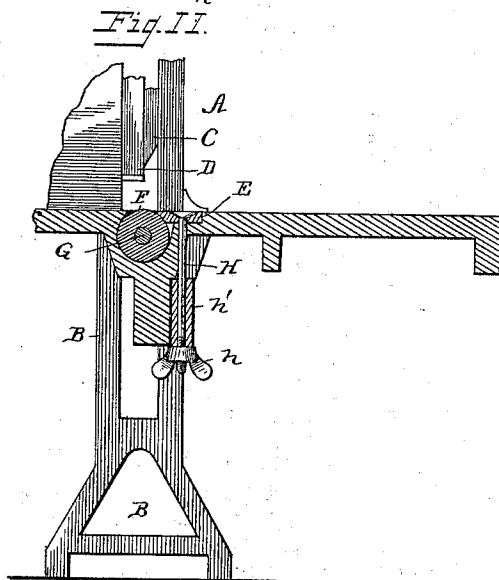
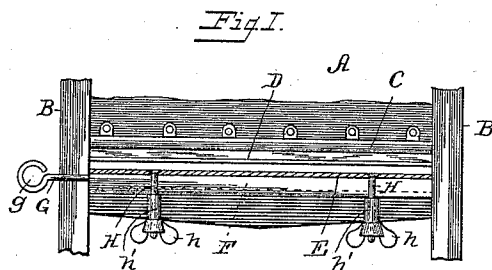
(No Model.)

W. B. SHEFFIELD.

CUTTING STICK FOR PAPER CUTTING MACHINES.

No. 542,689.

Patented July 16, 1895.



Witnesses

R. A. Balderson.

Bessie E. Young-

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UNITED STATES PATENT OFFICE.

WILLIAM B. SHEFFIELD, OF KANSAS CITY, MISSOURI.

CUTTING-STICK FOR PAPER-CUTTING MACHINES.

SPECIFICATION forming part of Letters Patent No. 542,689, dated July 16, 1895.

Application filed November 25, 1892. Serial No. 453,128. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. SHEFFIELD, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Cutting-Sticks for Paper-Cutting Machines; 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.

My invention relates to cutting-sticks for paper-cutting machines; and it consists in certain peculiarities of construction and material, as will be hereinafter set forth and subsequently claimed.

In the drawings, Figure I is a partly-broken-away sectional view of a paper-cutter, showing the improved cutting-stick in operating position. Fig. II is a transverse sectional view of the same, and Fig. III is a detail view of the cutting-stick.

Referring to the drawings, the letter A indicates the frame of the cutter, which is supported on suitable legs or standards B. Grooves or slideways are formed in the frame and the knife or cutting-blade C slides therein and is provided with a suitable clamp D. In the horizontal table beneath the cutting-blade a groove or recess is formed, in which the cylindrical cutting-stick F is arranged to lie. A flat bar E, lying in a groove in the table, is arranged to project over and bear upon the cutting-stick and thus hold it in any position that may be desired. Bolts H, having one end secured to the bar and provided with

thumb-nuts *h* and collars *h'*, are so arranged that by adjusting the thumb-nuts the pressure exerted upon the cutting-stick by plate E may be varied, as will be readily understood from the drawings.

The cutting-stick is preferably formed of comparatively soft metal, such as Babbitt metal, in order that the edge of the knife may not become injured by striking against it.

The cutting-stick is further provided with a stiff-metal core G, which projects outside the frame of the cutter and is provided at its projecting end with an eye *g*, and by loosening the bolts H and applying a lever to the eye *g* the cutting-stick may readily be turned in its recess to present a fresh and unworn part of its surface to the cutter.

While I have described my invention as embodied in the particular form shown in the drawings, yet it is not limited specifically to that form, nor do I wish to be understood as restricting myself to the use of any particular metal or composition for the cutting-stick.

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

The combination with the cutter and frame, of a substantially cylindrical cutting-stick having a projecting core provided with an eye, substantially as described.

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

WILLIAM B. SHEFFIELD.

Witnesses:

BESSIE E. YOUNG,
CHAS. A. JONES.