

No. 772,542.

PATENTED OCT. 18, 1904.

G. L. SULLIVAN.
KNIFE SHARPENER.

APPLICATION FILED MAR. 4, 1904.

NO MODEL.

Fig. 1.

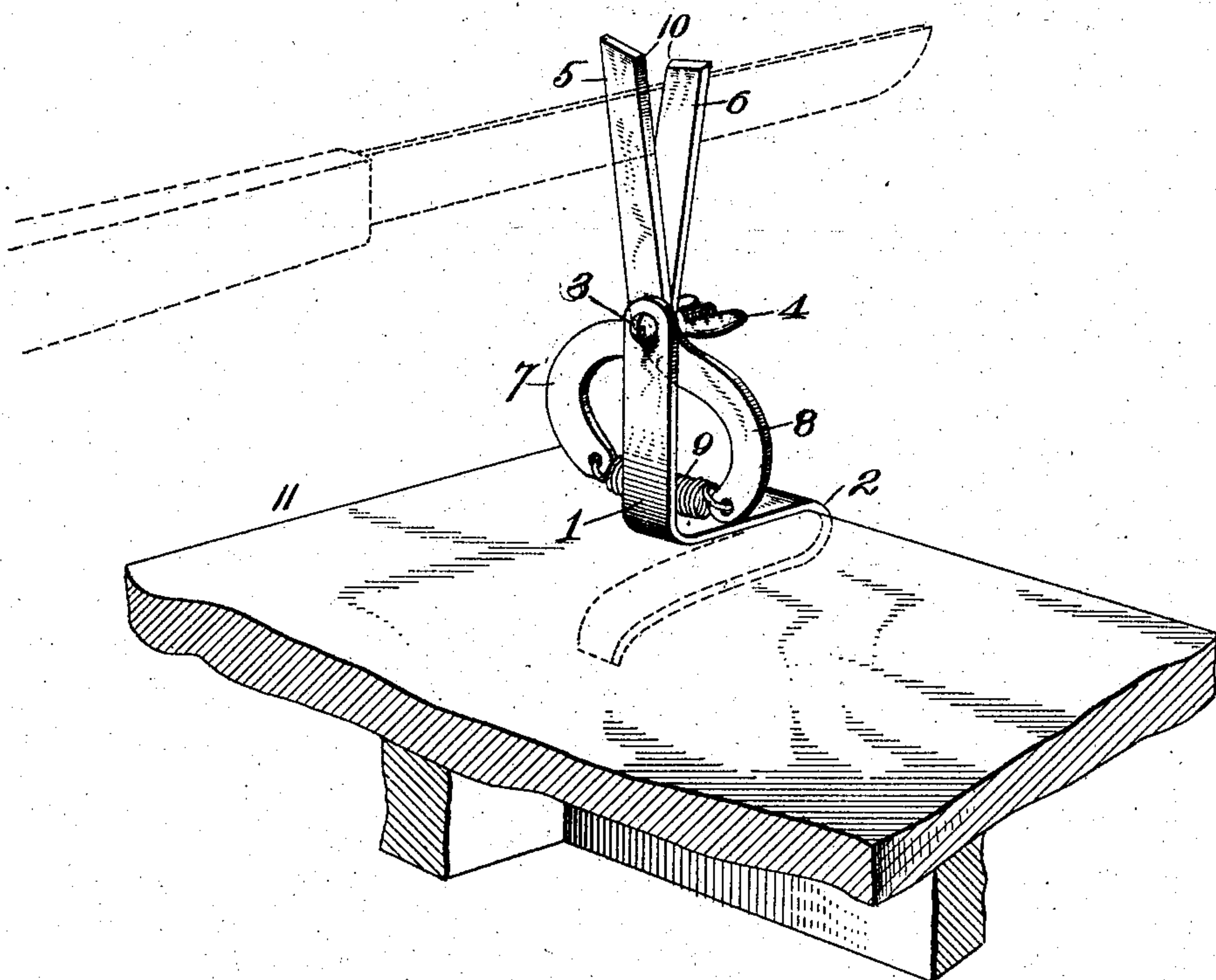
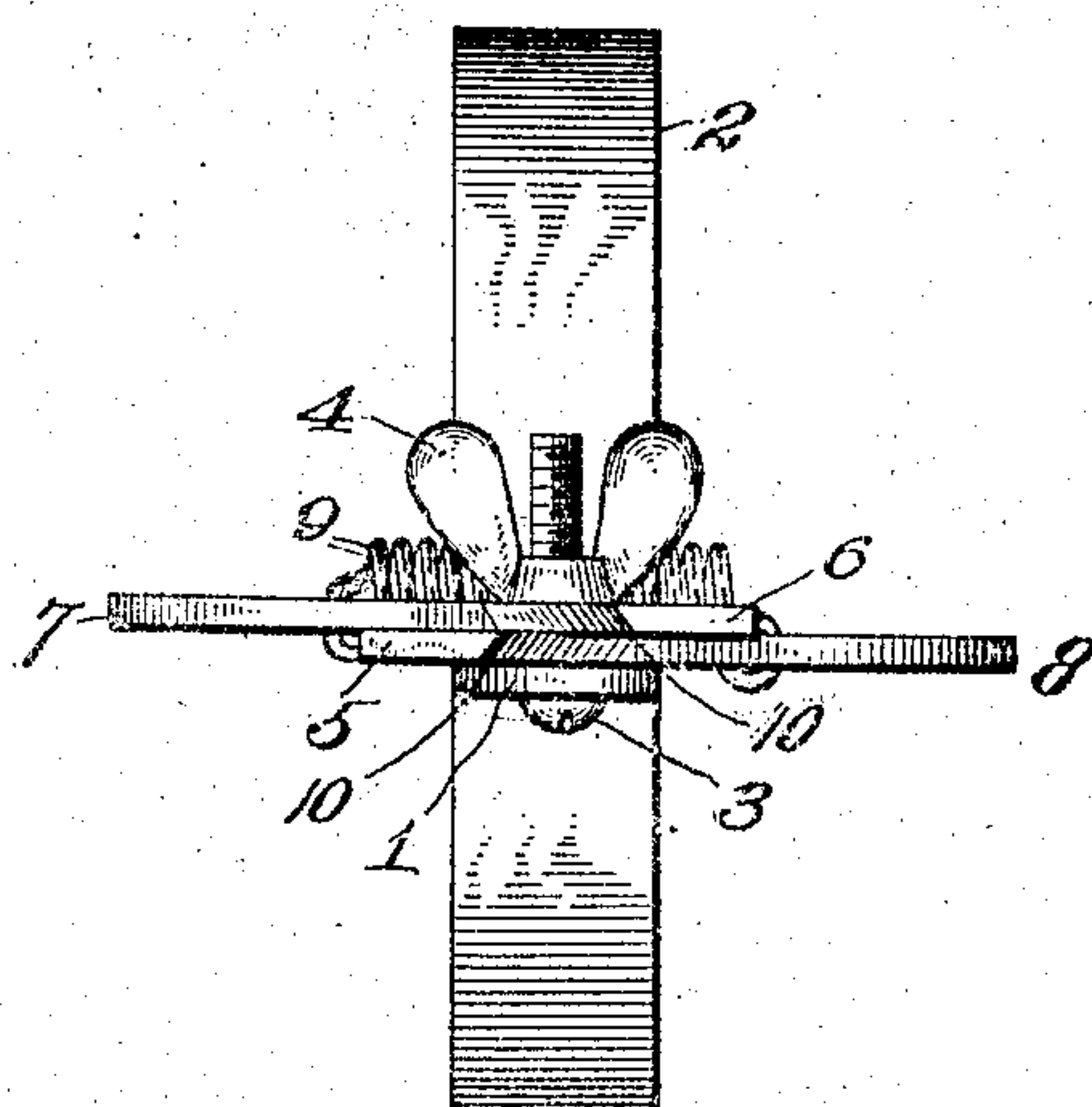


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE L. SULLIVAN, OF KANSAS CITY, MISSOURI.

KNIFE-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 772,542, dated October 18, 1904.

Application filed March 4, 1904. Serial No. 196,592. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. SULLIVAN, 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 Knife-Sharpener, of which the following is a specification.

My invention relates to knife-sharpener, and more especially to a sharpener for meat and bread knives; and my object is to produce a device of this character by which knives can be sharpened quickly and easily, which is adjustable to accommodate knives of different bevels, and which is of simple, strong, durable, and cheap construction.

To these ends the invention consists in certain novel and peculiar features of construction and organization, as hereinafter described and claimed, and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 is a perspective view of a knife-sharpener embodying my invention and shown as mounted on the edge of a table. Fig. 2 is a full-sized top plan view of the sharpener detached from the table.

In carrying out my invention a metal bar is bent to form the short standard 1 and the spring-clamp 2.

3 is a bolt mounted in the upper end of the standard, and 4 a wing-nut mounted thereon.

5 and 6 designate sharpening-blades, of hardened properly-tempered steel, pivotally mounted on bolt 3 and formed below the latter with oppositely-bowed portions 8 and 7, respectively, the lower ends of said bowed portions being connected by a retractile spring 9, which tends to hold the blades 5 and 6 in substantially the position shown in Fig. 1, and in this connection it will be noticed that the inner or opposing edges 10 of the blades converge, as shown clearly, the arrangement being such that when a knife is introduced between the blades, as shown in dotted lines, Fig. 1, and

is drawn toward the operator it will be quickly and efficiently sharpened.

If desired, the clamping-nut may be screwed upon the bolt 3 only a sufficient distance to hold the blades together, so as to permit the spring 9 to hold the cutting edges of said blades together with a yielding pressure. If preferred, however, the wing-nut can be screwed home upon the bolt so as to clamp the blades in rigid relation to each other, at which time of course the spring is functionless. By clamping said blades at different angles it is obvious that it is possible to give the knife-blade different bevels or to accommodate the different bevels of the knife-blades.

The manner of placing the sharpener in position will be readily understood by reference to Fig. 1, as the spring-clamp portion 2 is simply forced upon the edge of the table, from which position it can be readily removed.

From the above description it will be apparent that I have produced a knife-sharpener embodying the feature of advantages enumerated as desirable in the statement of invention, and while I have illustrated and described its preferred construction it is obvious that it may be modified in some particulars without departing from the principle of construction involved.

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

A knife-sharpener, comprising a clamp for detachably engaging a table, a bolt supported therefrom, a nut engaging the bolt, a pair of blades pivoted on the bolt and provided below the same with outwardly-bowed portions, and a retractile spring connecting said portions.

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

GEORGE L. SULLIVAN.

Witnesses:

F. R. GLORE,
G. Y. THORPE.