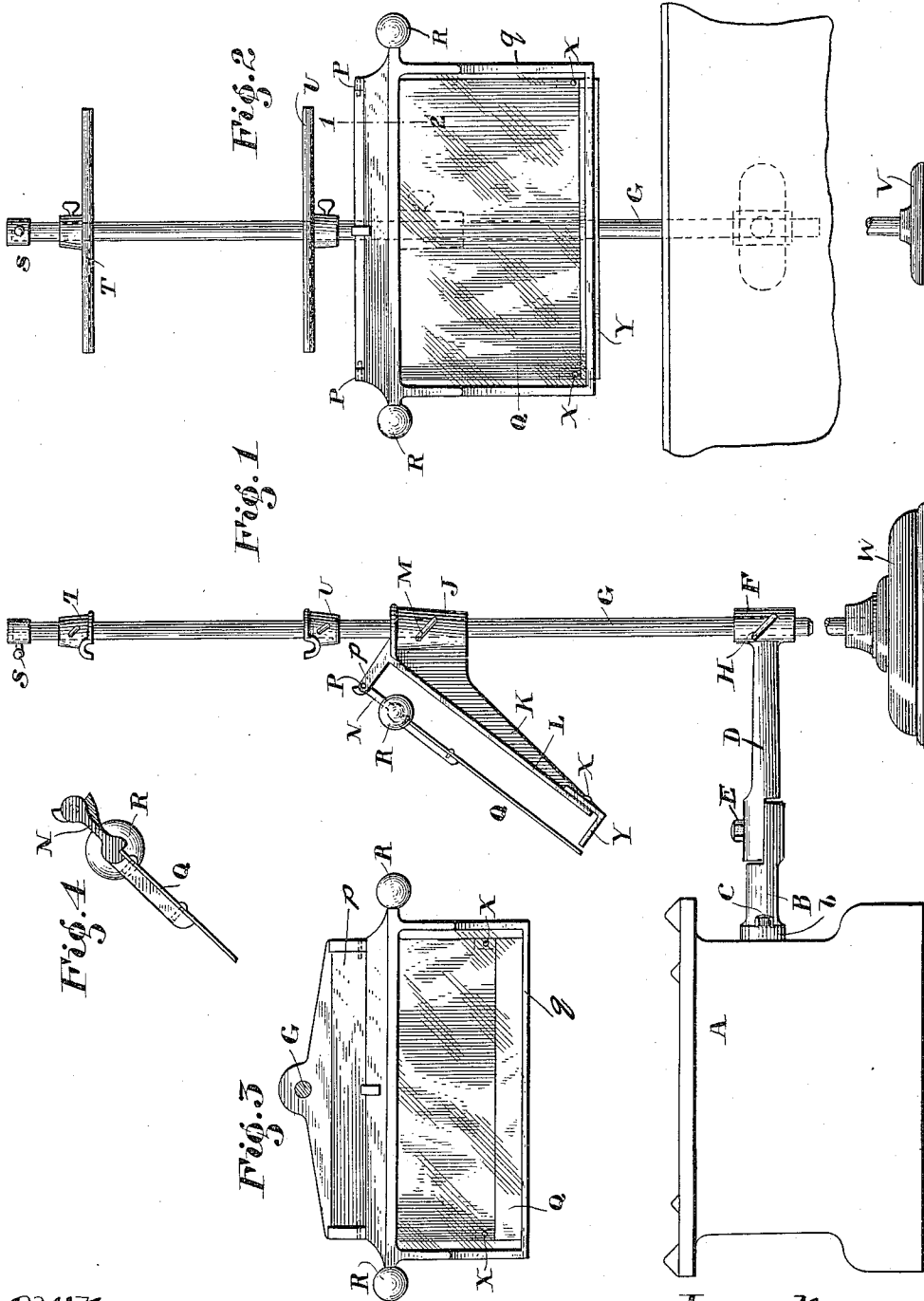


R. H. SMITH.
BOOK HOLDER.

APPLICATION FILED FEB. 17, 1911.

1,016,970.

Patented Feb. 13, 1912.



Witnesses:
Peter Schwamb
James R. Lambirth.

Inventor:
Robert Henry Smith

UNITED STATES PATENT OFFICE.

ROBERT HENRY SMITH, OF BOSTON, MASSACHUSETTS.

BOOK-HOLDER.

1,016,970.

Specification of Letters Patent.

Patented Feb. 13, 1912.

Application filed February 17, 1911. Serial No. 609,252.

To all whom it may concern:

Be it known that I, ROBERT HENRY SMITH, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

My invention relates to an improved book holder intended for direct attachment to machine tools and the like, but capable of being supported upon a desk or floor.

The device is particularly designed to hold a book open flat; to permit the use of books of various sizes without adjustment; to protect the book from oil, chemicals, etc., likely to be splashed about in shops and laboratories; and finally to permit turning of the leaves with one hand and with a minimum handling of the book.

One embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the device, showing it attached to a lathe; Fig. 2 is a front elevation thereof; Fig. 3 is a plan view; and Fig. 4 is a section on the line 1—2 of Fig. 2.

A represents an ordinary lathe bed to which is attached a bracket B by means of screws C, passing through flange b. A radial swinging arm D is hinged to bracket B by a screw E, and carries a vertical standard G which is adjustably clamped in the hub F of the bracket B by means of a set screw H. By the arrangement above set forth the device may be swung about a vertical axis to accord with the position of the reader.

The book holder proper L which is in the form of an inclined shelf or rest is carried by a bracket K having a hub portion J encircling the rod and adjustably clamped thereto by a set screw M. The holder L has, at its lower edge, an upwardly extending flange Y to retain the book in position, and this flange may either be formed integrally with the holder L or be adjustably attached thereto by screws X as shown.

Across the upper edge of the holder L is an outwardly extending flange p to which

is hinged at P a holder plate N having weights R preferably formed integrally therewith. This plate carries a flap or cover Q of celluloid or like transparent material impervious to oil, chemicals or the like, which may or may not be inclosed in a stiffening frame q. The plate N and its attached weights are so designed that when the cover is swung back the center of gravity thereof passes back of hinge P whereby the cover stays up without being held.

The standard G may be supported on a weighted base W or on a flange instead of the arm D. It may carry in addition to the book holder a hook S on which mounted prints having eyelets may be hung, and also the brackets T and U, between which a card or mounted print may be held. These features do not however, form a part of my present invention.

In using the book holder the book is placed on the support L. The pages may then readily be turned with one hand and when the desired page is reached the plate N is swung down holding the book open. The cover Q protects the book from oil and other substances that may be spattered over the holder. It is to be noted that the leaves may be turned with one hand and that it is not necessary to touch the book in fastening the pages open, a feature of the greatest value where the user's hands are apt to be oily and dirty.

Having thus described my invention, what I claim is:—

In a book holder, the combination of a supporting member; a book support mounted thereon; a weighted holder plate pivoted to the book support and adapted to bear down upon a book held by the support to hold the leaves thereof open; and a transparent cover sheet carried by the holder plate and adapted to protect a book.

In testimony whereof I have affixed my signature, in presence of two witnesses.

ROBERT HENRY SMITH.

Witnesses:

T. E. BRIGGS,

I. N. LEARNED.