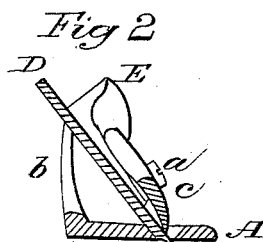
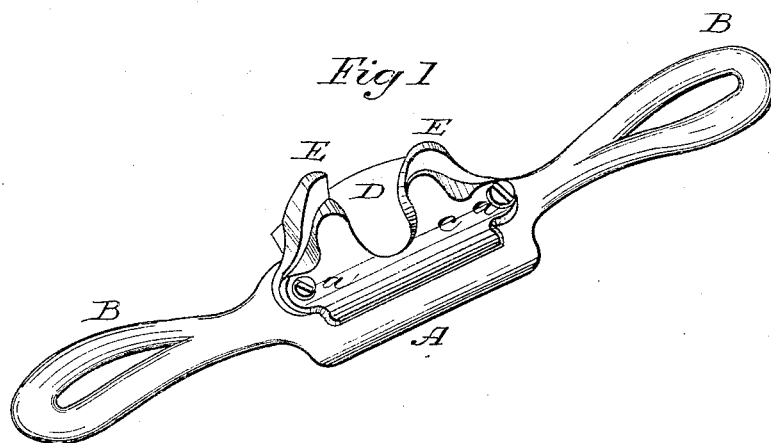


Mowry & Bates.
Spoke Share,
No 51,339. *Patented Dec. 5, 1865.*



Witnesses:

W. B. Vincent
J. D. Thurston

Inventors.

Albert G. Bates
Silas S. Mowry

UNITED STATES PATENT OFFICE.

SILAS S. MOWRY AND ALBERT G. BATES, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN SPOKESHAVES.

Specification forming part of Letters Patent No. 51,339, dated December 5, 1865.

To all whom it may concern:

Be it known that we, SILAS S. MOWRY and ALBERT G. BATES, both of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Spokeshavers; and we do hereby declare that the following specification, taken in connection with the drawings, making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a perspective view. Fig. 2 is a transverse section.

Our improvement has reference to a means for readily adjusting or removing the cutter, so that without loss of time the same can be removed to be sharpened, and be readjusted in place, while at the same time the advantage is secured of being able to make use of the plane-iron so long as there is enough of it left to be held in the stock.

In the accompanying drawings, A, Fig. 1, is the stock of the shaver, constructed with handles B B at the sides in the usual way. It is provided with a stationary iron, C, held by the screws *a a*, passing through slots in the iron, so as to admit of adjustment for a finer or coarser cut of the knife, as desired, and thereby give all the advantages of the double plane-iron.

D is the knife or cutter, which is placed at the proper angle in the stock, as determined by the height of the rear portion, *b*, against which it bears.

The knife is held firmly in the desired position with reference to the stationary iron C by means of two turn-buckles, E E, which turn upon the shanks of the screws *a a*, which hold the upper iron, as already mentioned. These turn-buckles have the portion which lies between the under surface of the stationary iron and the upper surface of the cutting-iron wedge form, so that when the same are pushed forward they will hold the cutter firmly in place.

It is obvious that the cutter can be removed by turning back these wedge-form pieces, and relieving it from the pressure by which it is held. It is also apparent that by this method of construction no slot is required in the cutter for the accommodation of a set-screw to hold it in the stock, as is the case in the irons of most shaves; but the same can be used until ground away to within three-eighths of an inch of the back.

What we claim as our invention, and desire to secure by Letters Patent, is—

The use of the two turning wedge-form pieces E E, for the purpose of holding the cutter of a spokeshaver in its stock, arranged and operating in the manner substantially as described.

ALBERT G. BATES.
SILAS S. MOWRY.

Witnesses:

W. B. VINCENT,
J. D. THURSTON.