

*J. Katz,*  
*Bench Plate.*

*No. 102,400.*

*Patented Apr. 26, 1870.*

FIG. 1.

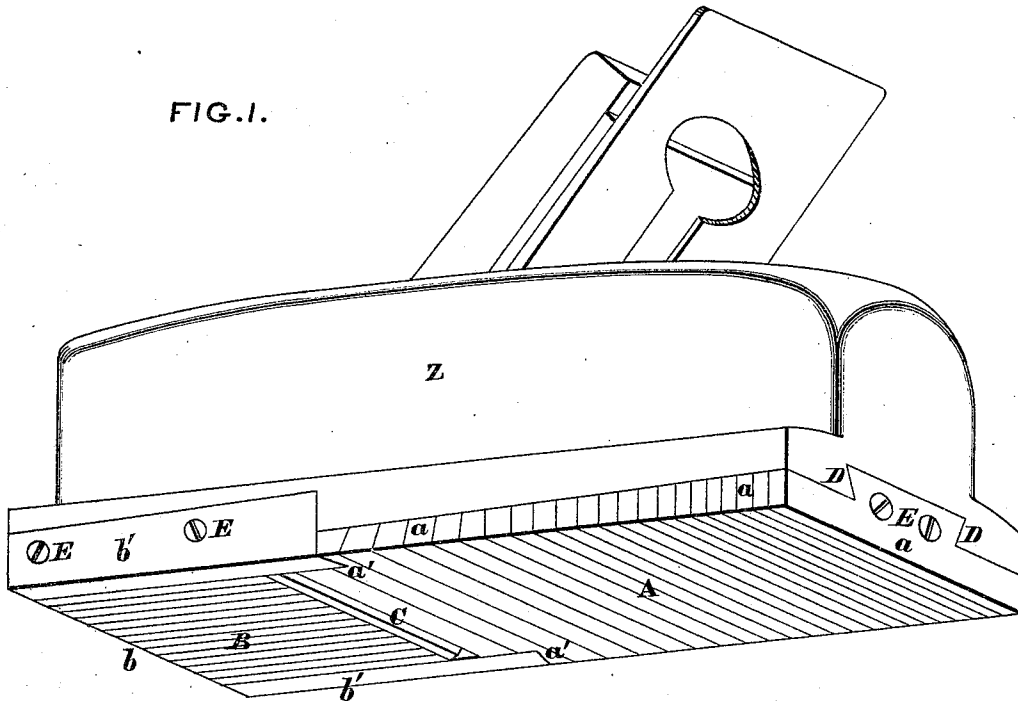


FIG. 2.

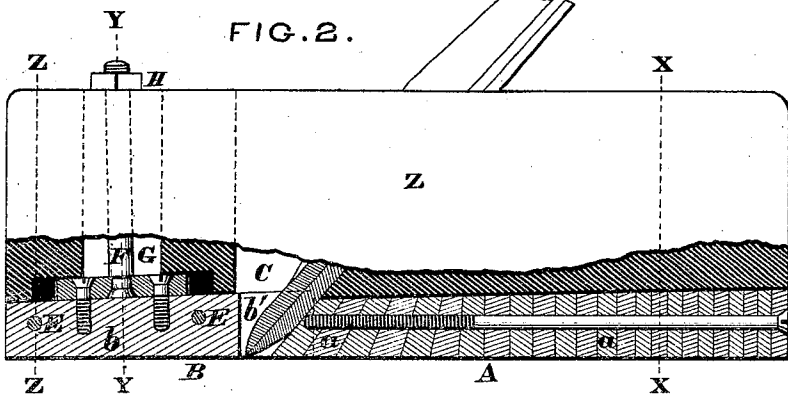


FIG. 3.

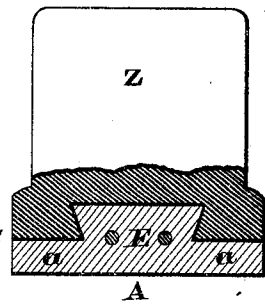


FIG. 4.

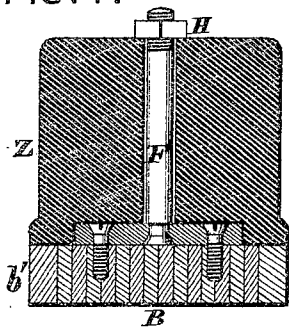
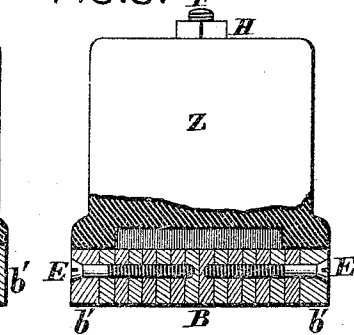


FIG. 5.



*J. Katz*  
INVENTOR.  
*By Knight Bros.*  
*Ally.*

ATTEST.  
*Gas. H. Lanyon*  
*William Bauer*

# United States Patent Office.

JULIUS KATZ, OF CINCINNATI, OHIO.

Letters Patent No. 102,406, dated April 26, 1870.

## IMPROVEMENT IN PLANE-STOCK.

The Schedule referred to in these Letters Patent and making part of the same.

I, JULIUS KATZ, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Plane-Stocks, of which the following is a specification.

### *Nature and Objects of the Invention.*

My invention relates to an improved facing device for wood-workers' plane-stocks.

### *General Description with Reference to the Drawings.*

Figure 1 is a perspective under-side view of a plane-stock, embodying my improvement.

Figure 2 is a partly-sectionized side elevation thereof.

Figures 3, 4, and 5 are transverse sections at the lines X X, Y Y, Z Z, respectively.

I make the entire under surface of my improved plane-stock to consist of blocks or strips of bone, ivory, or similar hard organic substance, glued together in two pieces or slabs, A and B, of which the slab A, in rear of the throat C, fits, and occupies a dovetail excavation, D, on the under side of the wooden portion Z of the stock, to which it is firmly glued.

The component strips *a* and *b* of either slab are

also firmly glued together, and additionally secured together by screws E.

The slab B, instead of being immovably fastened to the stock, is made capable of a slight longitudinal adjustment, and, for this purpose, is surmounted by a bolt or stem, F, which, extending upward through a slot, H, in the plane-stock, is secured by a nut, G, on the top of the stock.

Of the strips which compose the shiftable piece, B, the two outside ones, *b' b'*, project rearward from the others, and enter jogs or gains *a'* in the slab A.

### *Claim.*

I claim herein as new and of my invention—

Facing a plane-stock with a congeries of strips of bone or like substance, glued and screwed together and fastened to the stock proper in the manner set forth.

In testimony of which invention I hereunto set my hand.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.

JULIUS KATZ.