

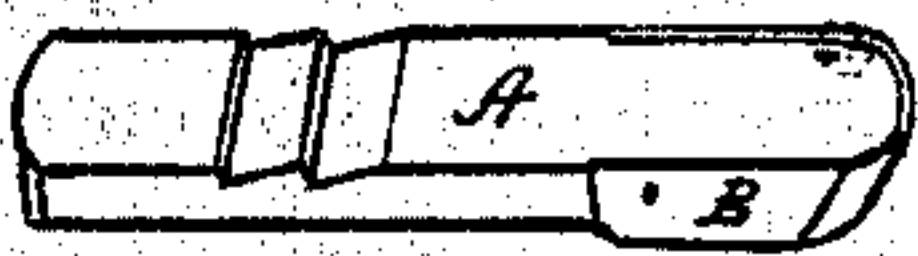
[97.]

*John L. Borsch's*  
*Improved Sewing Machine*  
*Shuttle Threader*

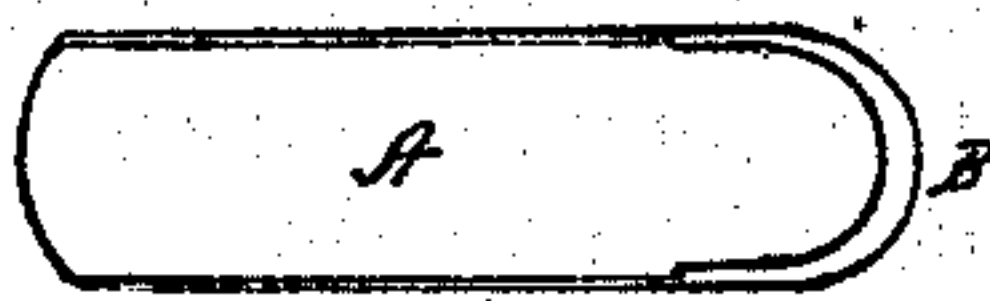
No. 119,217.

Patented Sep. 26, 1871.

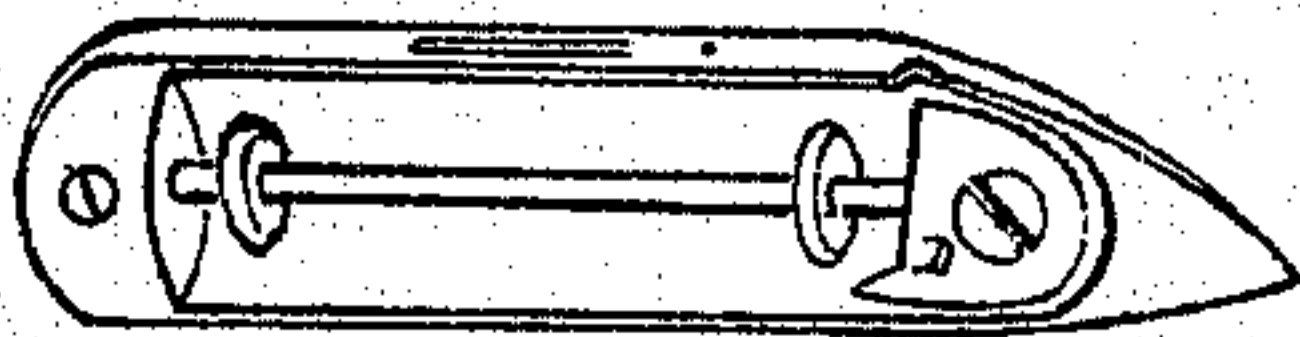
*Fig 1*



*Fig 2*



*Fig 3*



Witnesses

*Le Hopkins*

*Chas. N. Dunham*

Inventor

*John L. Borsch*



# UNITED STATES PATENT OFFICE.

JOHN L. BORSCH, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN SHUTTLE-THREADING DEVICES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 119,217, dated September 26, 1871.

*To all whom it may concern:*

Be it known that I, JOHN L. BORSCH, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain Improvements in Sewing-Machine Shuttle-Threader, of which the following is a specification:

My invention relates to the construction of a simple instrument of peculiar form, the object of which is to lessen or entirely overcome the difficulty heretofore experienced in passing the thread from the bobbin around the forward part of and between the tension-plates of a certain style of sewing-machine shuttle.

Figure 1 is a side and top perspective view of my invention. Fig. 2 is a bottom elevation of the same. Fig. 3 is a perspective view of the particular style or make of sewing-machine shuttle on which my invention is more especially intended to be used.

A is a block of wood or other suitable material, about one-eighth of an inch in thickness and of length and width to nearly fill the entrance to the cavity on the flat side of the shuttle, the forward part being rounded to same form as the front part of the tension-plate D of the shuttle, and being beveled inward toward the bottom to an angle of about thirty or forty degrees; and to this rounded and beveled part of the block A a thin metallic band, B, somewhat wider than the thickness of the block, is fitted and fastened

firmly in position, with its lower edge extending somewhat below the bottom surface of the block A; the nicks *a a* in the top of the block A being designed simply to afford better purchase for the finger or thumb in working or shifting the position of the instrument, as occasion may require when in use, but are not essential to its working.

In using my invention, after the thread has been passed from the bobbin through the holes on one side of the shuttle I place my instrument within the entrance to the cavity of the shuttle, with the bottom of the block A resting down on the bobbin to prevent it from unwinding unduly, and with the projecting edge of the band B passing just over the forward part of the tension-plate D of the shuttle; then by passing the thread round the front end of the instrument and drawing on it somewhat it at once slips down off the bevel and is drawn between the tension-plates.

I claim as my invention—

The sewing-machine shuttle-threader hereinbefore described, it being made in form and of style substantially as described, and for the purposes set forth.

JOHN L. BORSCH.

Witnesses:

C. HOPKINS,  
CHAS. N. DUNHAM.

(97)