

No. 612,619.

Patented Oct. 18, 1898.

J. N. STANLEY.  
CUTLERY HANDLE.

(Application filed Dec. 17, 1897.)

(No Model.)

Fig. 1.

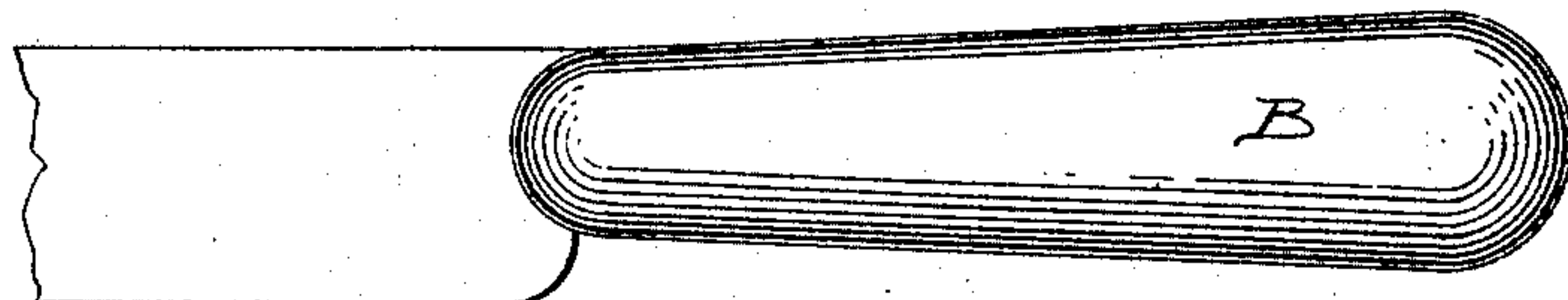


Fig. 2.

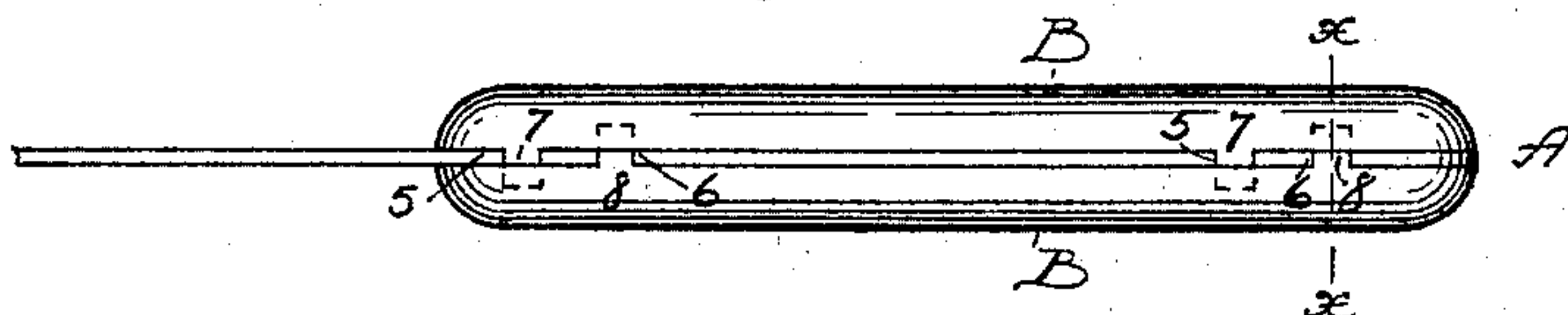


Fig. 3.

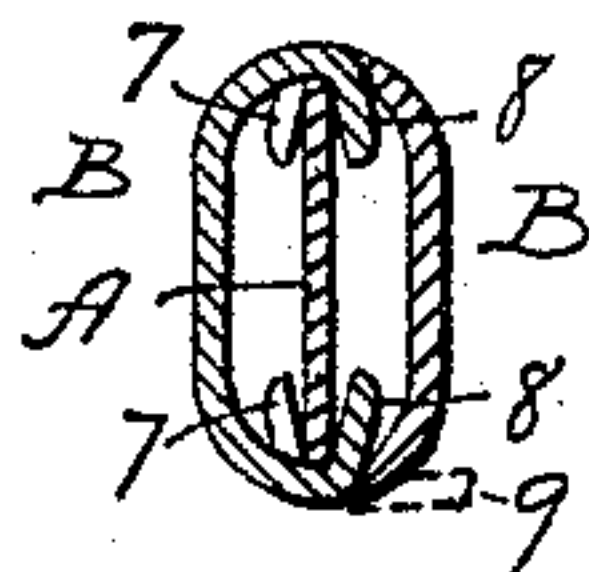
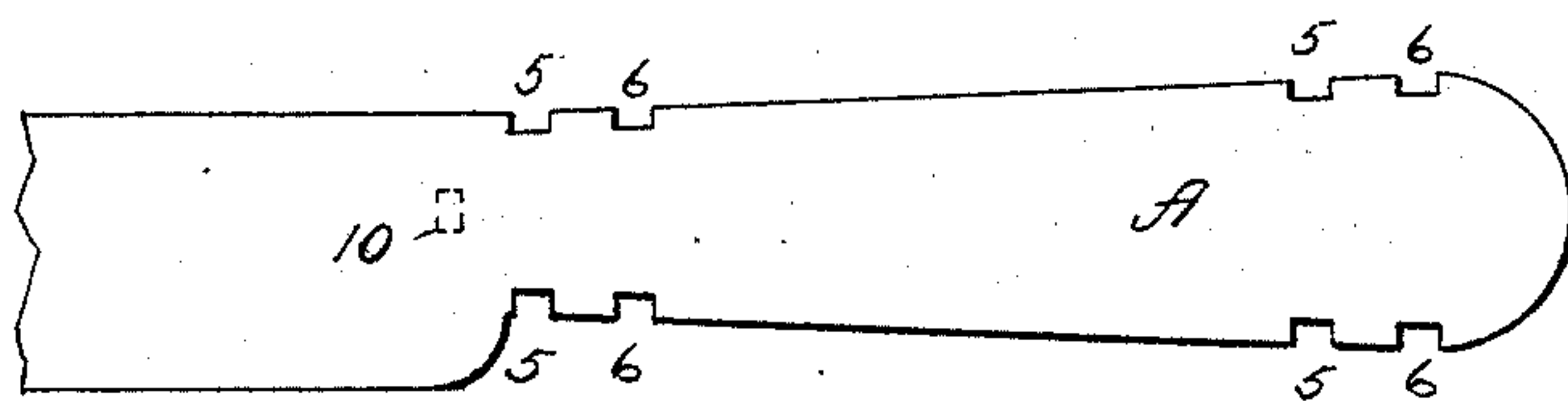


Fig. 4.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

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## CUTLERY-HANDLE.

SPECIFICATION forming part of Letters Patent No. 612,619, dated October 18, 1898.

Application filed December 17, 1897. Serial No. 662,274. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES N. STANLEY, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Cutlery-Handles, of which the following is a specification.

My invention relates to improvements in the handles of knives, forks, and other cutlery; and the main object of my improvement is simplicity and economy in construction and efficiency of the article.

In the accompanying drawings, Figure 1 is a side elevation of my handle as applied to the tang of a knife. Fig. 2 is an edge view of the same. Fig. 3 is a transverse section on the line  $x x$  of Fig. 2, and Fig. 4 is a detached plan view of the tang and a portion of a knife-blade.

I first form the tang A of the same general contour in plan view as that of the handle or handle-scales B and with notches 5 6 in its edges, as shown in Fig. 4. The scales B are struck-up hollow shells provided at their edges the one with lugs or prongs 7 and the other with like lugs 8, differently located. At first these lugs may project in a direct line from the edge of the scales, as indicated by the broken lines at 9, for one of said lugs in Fig. 3. The lugs 7 of one scale are then placed within the notches 5 of the tang and the lugs 8 of the companion scale placed within the notches 6, while the hollowing sides of the scales face the flat sides of the tang. If necessary, the ends of the lugs may be bent inwardly a little to bring them into position for entering the scales and the scales and tang then be struck and compressed firmly in suitable dies to force the parts into the position shown in Figs. 1, 2, and 3, in which the lugs of one scale are clenched firmly over the tang upon the inside of the companion scale. In thus clenching or bending over the lugs the curved inner faces of the scales

act as dies to bend and clench said lugs. The position of the lugs inside the scales is indicated by broken lines in Fig. 2, and in this figure I have, for the sake of illustration, shown clear lines of division between the scales and tang and between the lugs and notches in the tang; but in practice, with the proper metal and dies, the metal will be compressed to such a degree as to render these lines almost or quite invisible. In Fig. 4 I have indicated in broken lines at 10 a hole through the tang in a position to come between the ends of the scales. If desired, one of the scales may have a lug like the lugs herein shown formed on its edge at the end for passing through this hole and being clenched on the inside of the opposite scale in the same manner and at the same time that the other lugs are thus clenched.

By my improvement the handle may be cheaply formed, and it is secured to the tang in a very firm and durable manner.

It is apparent that some changes from the specific construction herein disclosed may be made, and therefore I do not wish to be understood as limiting myself to the precise form of construction shown and described, but desire the liberty to make such changes in working my invention as may fairly come within the spirit and scope of the same.

I claim as my invention—

A cutlery-handle comprising two hollow scales having lugs at their confronting edges, and a tang of the same general contour as the said scales but having notches in its edge, near each end, of a width corresponding to said lugs, over the opposite sides of which tang, within said notches, said lugs are clenched upon the inside of said scales, substantially as described.

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Witnesses:

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