

(Model.)

I. B. PHILLIPS.

VETERINARY DENTAL FILE CARRIER.

No. 365,485.

Patented June 28, 1887.

Fig. 1.

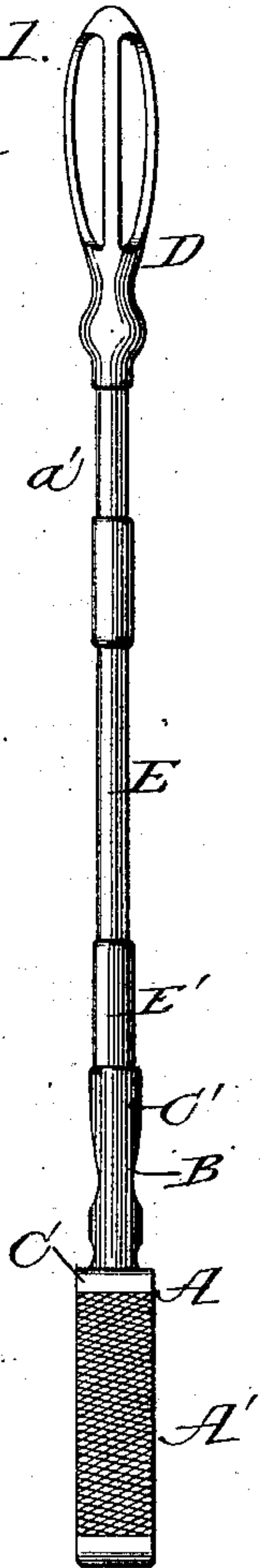


Fig. 2.

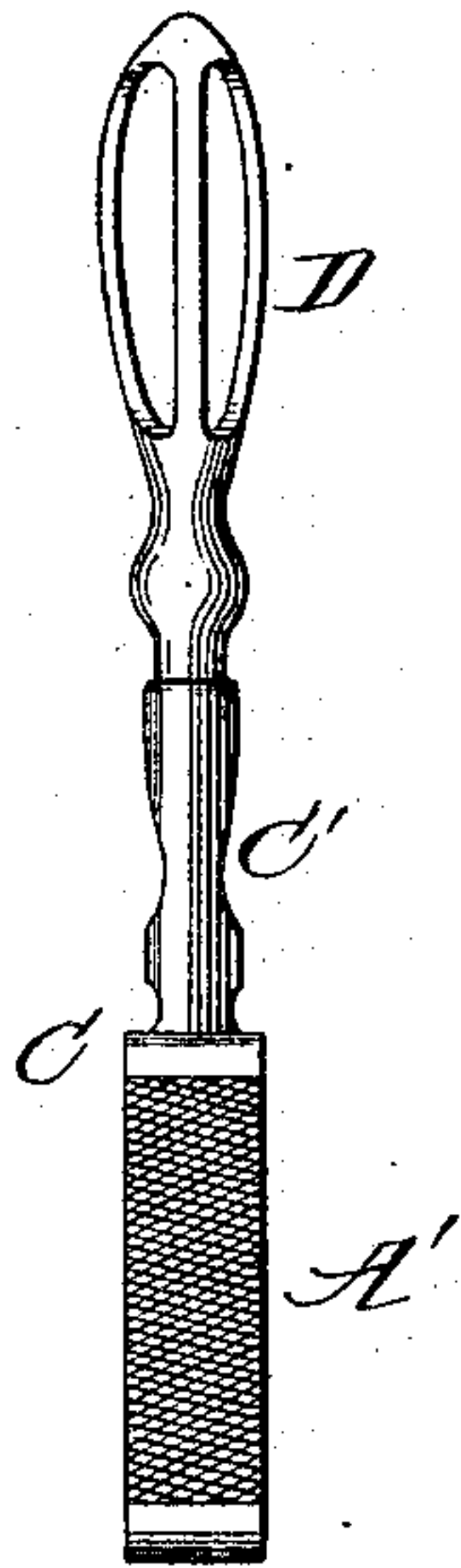


Fig. 3.

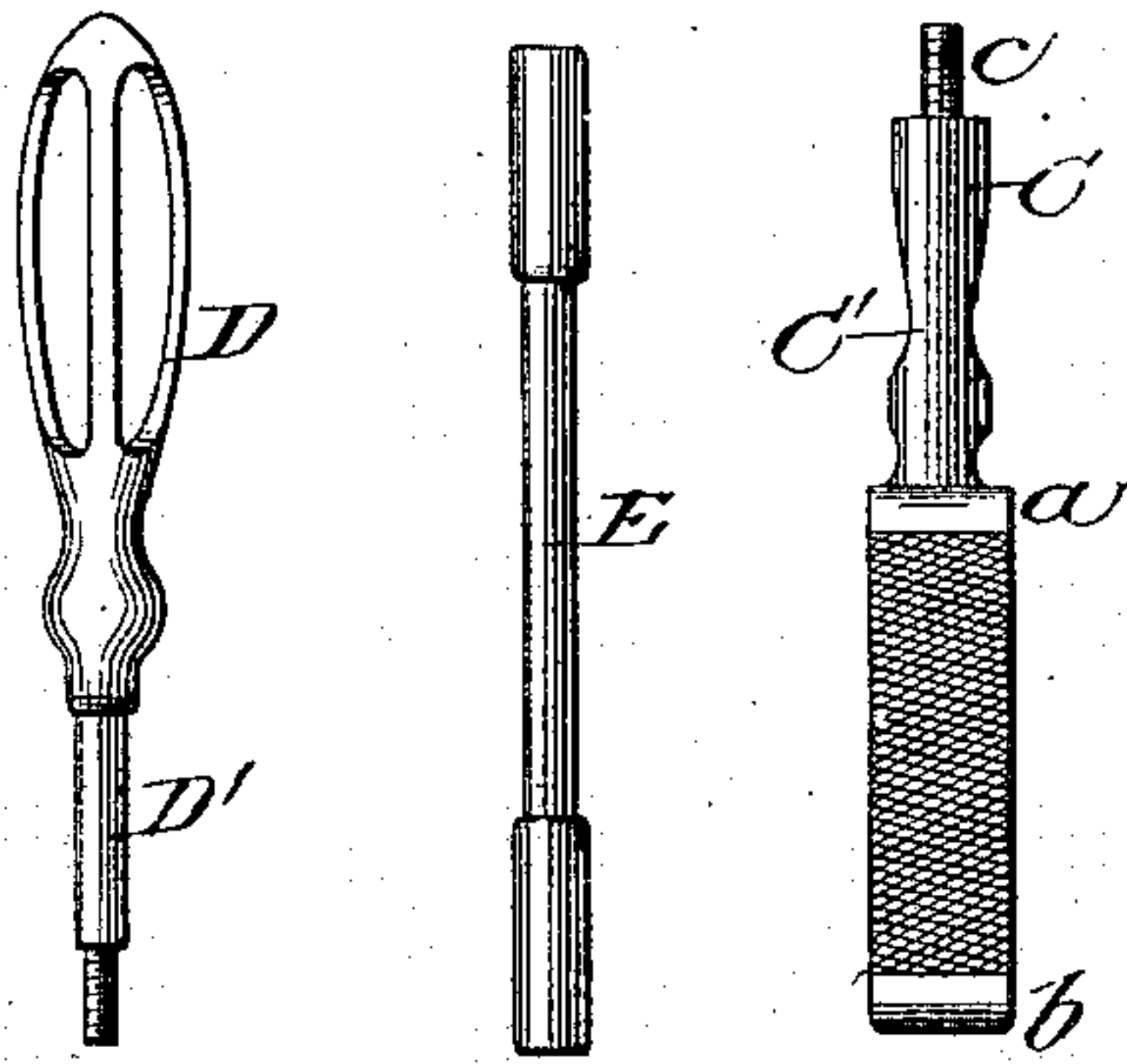


Fig. 5.

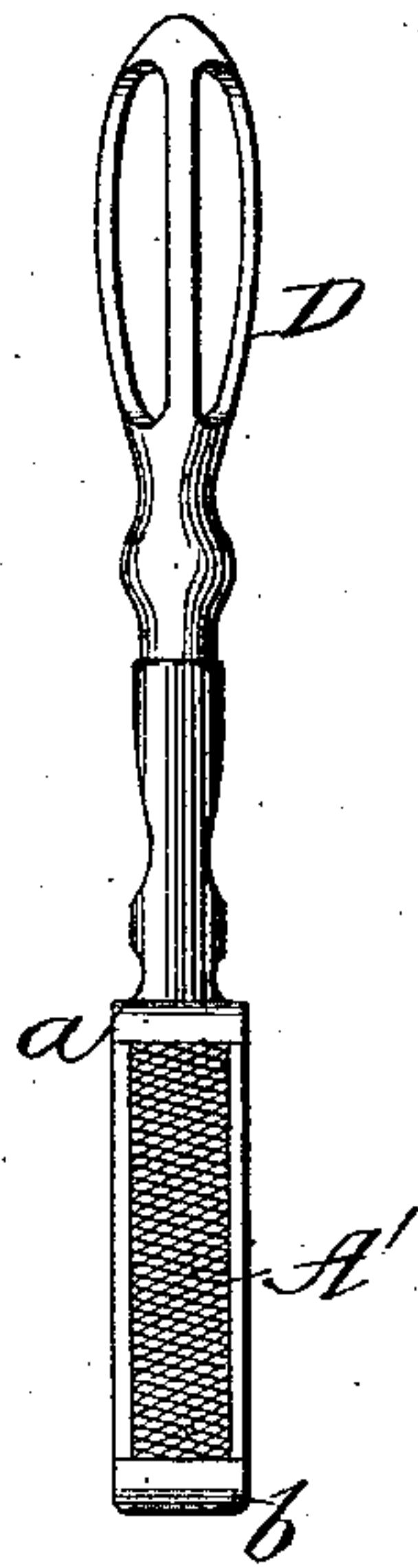
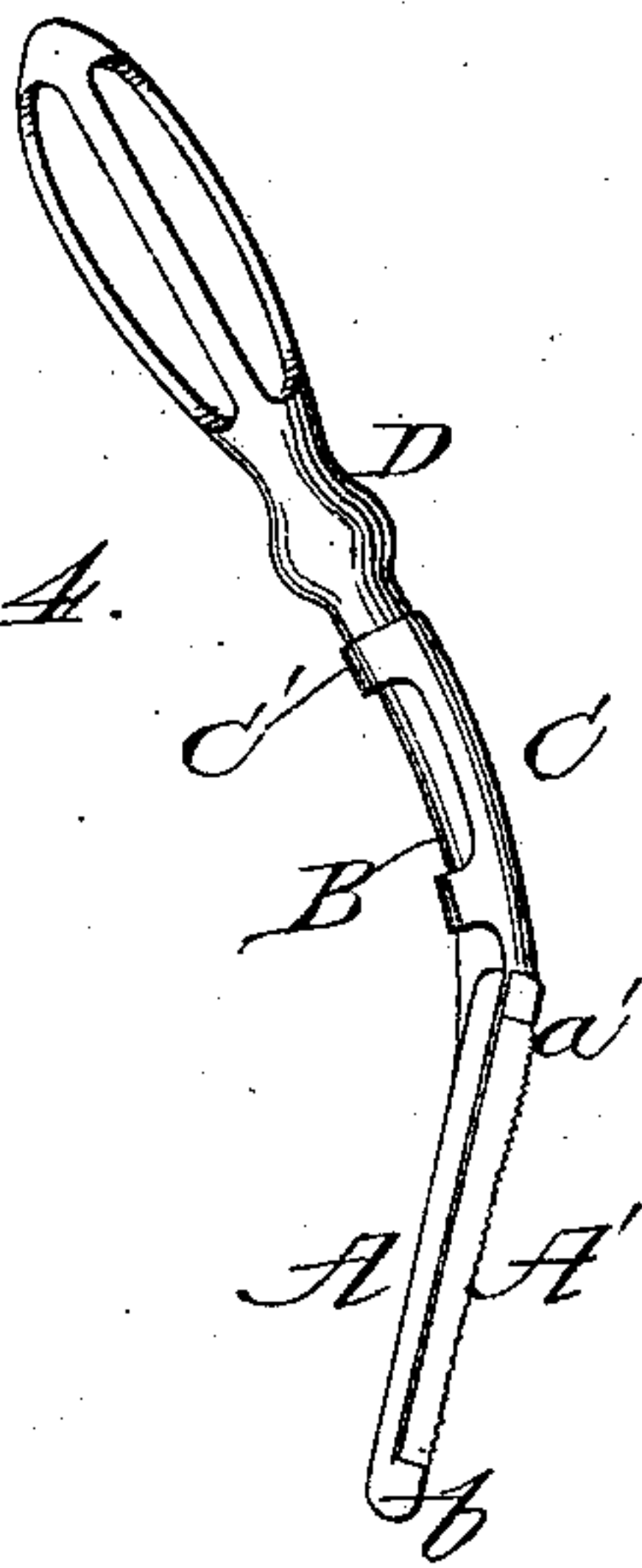


Fig. 4.



Witnesses:

J. M. Bennett
[Signature]

Inventor.

Isaac B. Phillips

UNITED STATES PATENT OFFICE.

ISAAC B. PHILLIPS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
TRUSTAN P. M. BENNETT, OF SAME PLACE.

VETERINARY DENTAL-FILE CARRIER.

SPECIFICATION forming part of Letters Patent No. 365,485, dated June 28, 1887.

Application filed May 6, 1886. Serial No. 201,380. (Model.)

To all whom it may concern:

Be it known that I, ISAAC B. PHILLIPS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Veterinary Dental-File Carriers, which improvement is fully set forth in the following specification and accompanying drawings, in which—

10 Figure 1 is a view of the instrument in its extended form. Fig. 2 is a view of the instrument shortened by a removal of the connecting-rod. Fig. 3 represents separately in detail the various parts of the instrument. Fig. 4 is
15 a view showing the device with a curved stem portion. Fig. 5 represents the device with side guards.

Similar letters of reference indicate corresponding parts in the several figures.

20 My invention relates to improvements in veterinary dental-file carriers; and it consists of means, substantially as hereinafter set forth and claimed, for holding the file in position.

Referring to the drawings, A represents the
25 holder, having a stem portion, B, which may be either straight or curved, as desired.

C is a movable clamp having a sleeve portion, C', adapted to slide on the stem portion B of the holder, and thereby aid in clamping
30 or securing the file in place between the head *a* of the clamp and head *b* of the holder. The end of the stem portion B is screw-threaded, as at *c*, for engagement of the connecting rod or section E, or with the handle D, or a section, D', thereof attached to said handle. The
35 said rod E has its ends screw-threaded, so that the said rod, the stem of the holder, and section D' of the handle may be connected for lengthening purposes; but the device may be

shortened by omitting either the rod E or section D', or both, as will be readily seen. Side guards, *e*, may be attached to the holder, as shown in Fig. 5, and thereby assist in keeping the file in position.

The device as thus described is readily
45 separable into parts, which can be placed in a small compass, and is therefore convenient for carriage. It is also handy in operation, thereby aiding in the effectiveness of the work. It will also be seen that when the parts are in
50 position, as shown in Fig. 4, the handle tightens against the sleeve C', thus clamping the file between the heads *a* and *b*. In Fig. 1 the end of the rod tightens against said sleeve C', producing similar results to that of the handle,
55 as shown in Fig. 4.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A veterinary dental-file holder consisting of a holder having a stem, a clamping device connected with said stem, and means for tightening the holder and clamping against the file, all substantially as described. 60

2. A veterinary dental-file holder consisting of the holder A, having head *b* and stem B, the movable clamp C, with sleeve C' and head *a*, the rod with screw-threaded ends, and a handle, D, all of said parts being arranged and combined substantially as described. 70

In testimony that I claim the foregoing I have hereunto set my hand this 25th day of March, 1886.

ISAAC B. PHILLIPS.

Witnesses:

FRANK M. WIRGMAN,
WILLIAM W. CONWAY.