

S. SCHOLFIELD.

Improvement in Cutting Cigar-Wrappers.

No. 132,183.

Patented Oct. 15, 1872.

Fig. 1.

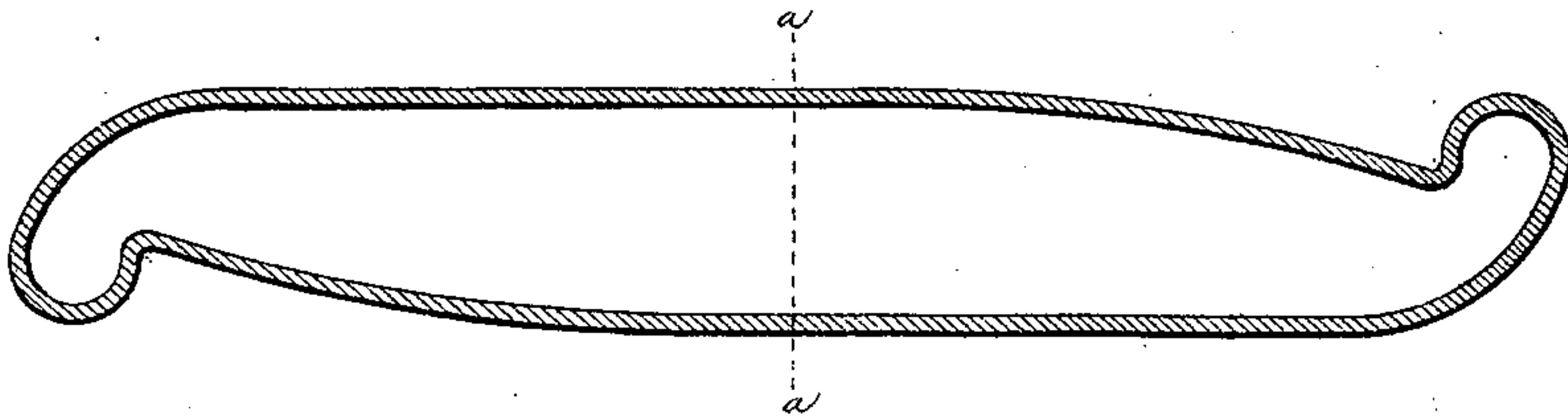


Fig. 2.

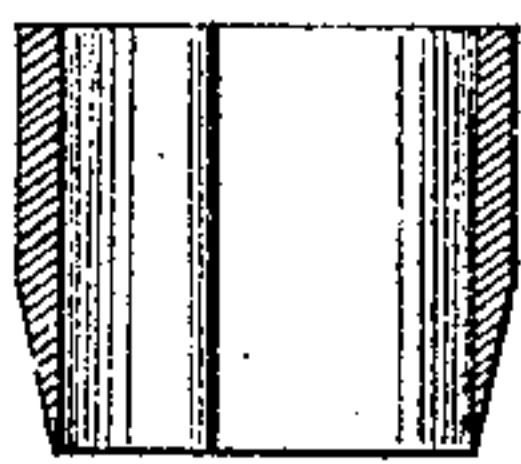


Fig. 3.

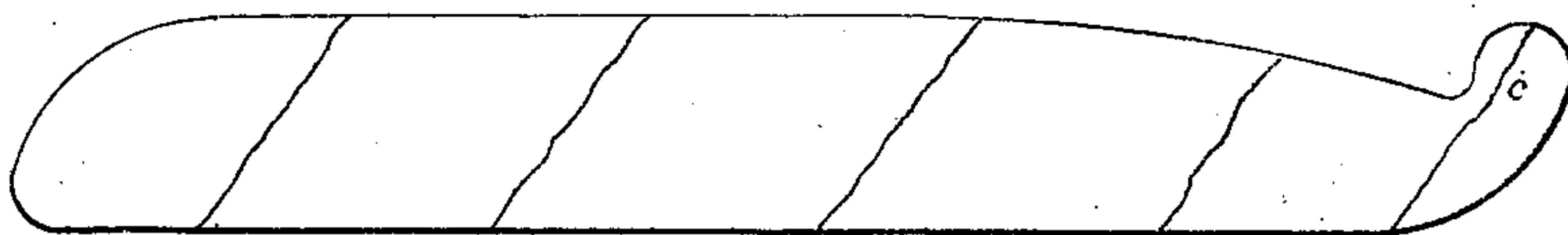
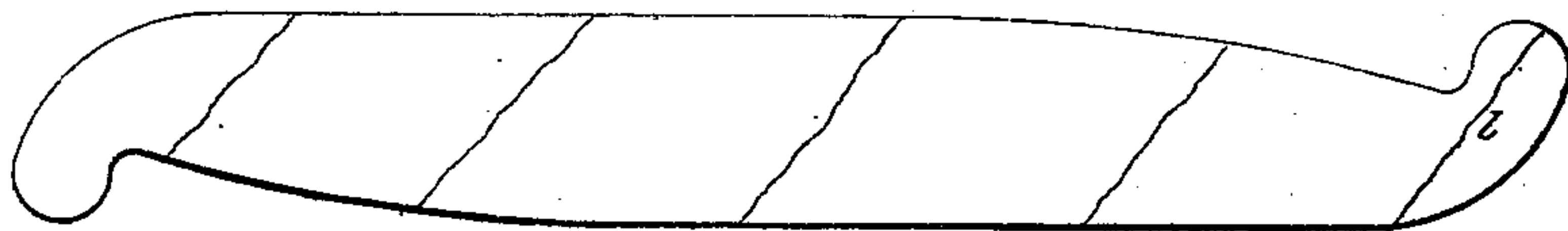


Fig. 4.



Witnesses.

Thos. J. Shearman.
E. E. Baker

Socrates Scholfield

UNITED STATES PATENT OFFICE.

SOCRATES SCHOLFIELD, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN CUTTING CIGAR-WRAPPERS.

Specification forming part of Letters Patent No. **132,183**, dated October 15, 1872; antedated October 12, 1872.

To all whom it may concern:

Be it known that I, SOCRATES SCHOLFIELD, of Providence, in the county of Providence and State of Rhode Island, have invented an Improved Mode of Cutting Out Wrappers for Covering Cigars, of which the following is a specification:

The nature of my invention consists in cutting out both ends of the wrapper in a proper hooked or curved form to cover the tapering head of a cigar, in order that either end may be optionally used, as best suited for this purpose. The object of this improvement is to prevent, in a measure, the waste and loss caused by accidentally tearing off the heading-points of some of the wrappers when running them into the machine, which, in the use of my improvement, is prevented by simply unwinding and reversing the ends of the wrapper, and again rolling it onto the cigar, the torn or broken end of the wrapper in this instance being used to cover the tuck end of the cigar, while its opposite end is still properly pointed for covering the head. It is also the object of this improvement to enable a greater percentage of perfect wrappers to be cut from a pad consisting of many superposed leaves, and also to greatly abridge the time required to arrange a single leaf in proper relation to the cutter or die employed, since it is hardly probable, even when no special care whatever is exercised to place the leaf so as to avoid the veins in cutting out the heading-points of the wrapper, that more than a very trifling percentage of such wrappers would prove alike defective at both ends.

The great cause of imperfection in wrappers cut in quantities from a pad of leaves consists in the occurrence of a vein of the leaf at the tip or heading-point of the wrapper, which, by its rigidity, prevents it from being folded around the head of the cigar in a suitable manner; but by making both ends of the wrapper in a proper shape for covering the head of the cigar, and using the end which chances to be most suitable for that purpose, the great source of waste in rapid cutting which has been heretofore experienced is nearly removed, since, if under ordinary circumstances, as heretofore, ten per cent. of the wrappers cut from a pad

may have been defective at the heading-point from the cause mentioned, or which may have been rendered defective from imperfections upon the edge of the wrapper consequent upon imperfect padding, or from the local imperfections of the leaves, then we will also suppose that the same proportion will obtain in regard to the perfection of the opposite end of the wrapper when cut according to my improvement, one-tenth of the extra heading-points thus furnished also proving defective. Thus, when in the former case ten wrappers in every hundred would be rendered useless from defects in cutting, nine-tenths of such number would be perfect at the opposite end, leaving only one per cent. to be discarded as worthless as against ten per cent. by the old method.

In the drawing, Figure 1 represents a plan view of a hollow cutter or die for cutting out my improved wrappers, with two heading-points; Fig. 2 shows a sectional view of the same taken in the line *a a*; Fig. 3 shows the form of the wrapper as used heretofore, having but a single heading-point, *c*; and Fig. 4 shows my improved wrapper with a vein, *b*, running across one of the heading-points, which would cause such wrapper to be discarded if the opposite end had not been cut out for use in such an emergency.

A male and female die, made in the form specified, may be used instead of the cutter shown in Figs. 1 and 2, if preferred. The exact shape of the heading-points is not deemed essential, it only being requisite that they be both so curved or hooked as to suitably perform the function required.

I claim as my invention—

1. A cutter or die, curved or hooked at its opposite extremities, substantially as described, for the purpose of cutting out cigar-wrappers, that may be optionally used at either end, to cover the head of the cigar.

2. A reversible cigar-wrapper, curved or hooked at both ends, for the purpose specified.

SOCRATES SCHOLFIELD.

Witnesses:

A. R. ABBOTT,
B. E. BORDEN.