

(No Model.)

T. GINGRAS.

CURRY COMB.

No. 337,057.

Patented Mar. 2, 1886.

FIG. 1.

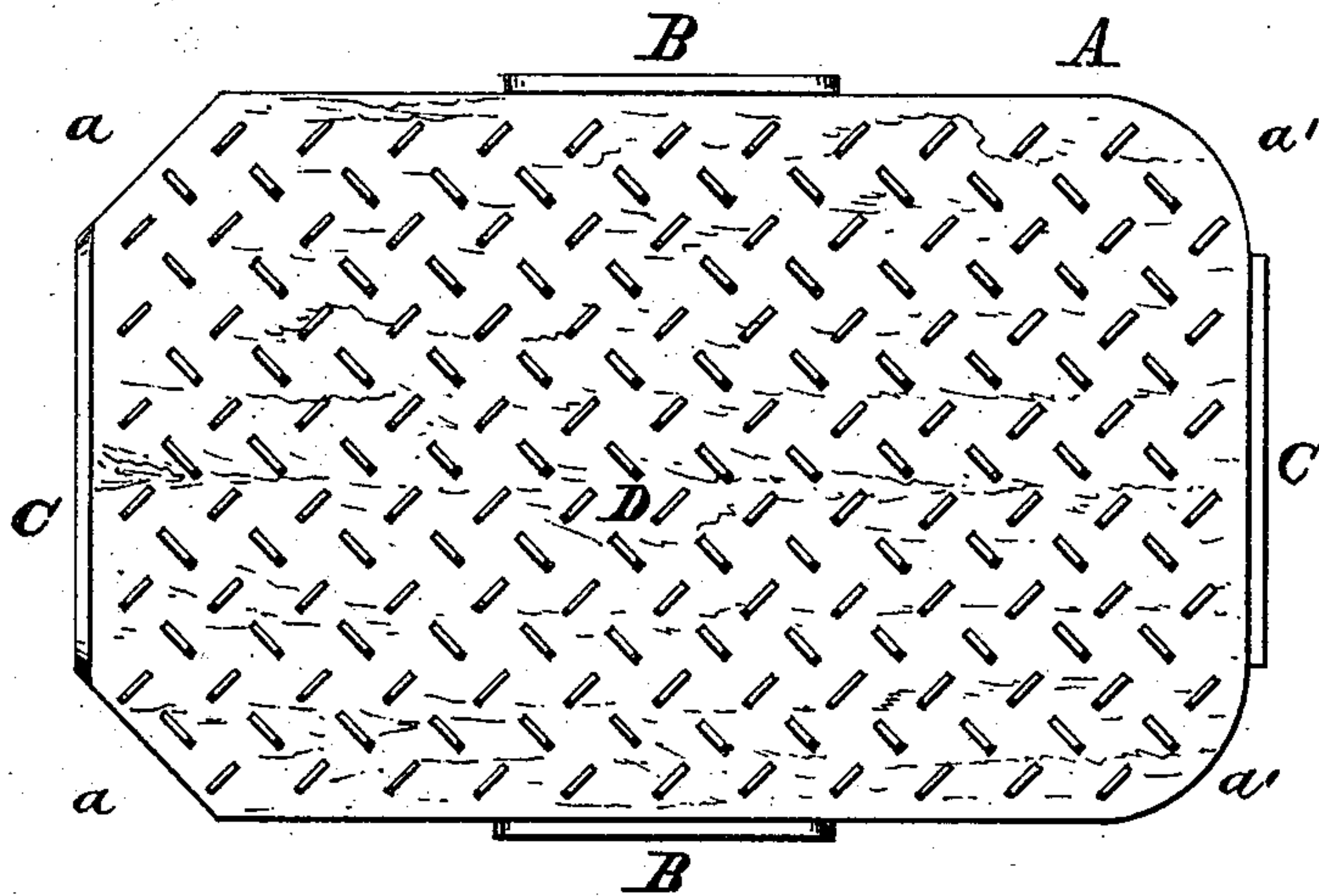


FIG. 4.

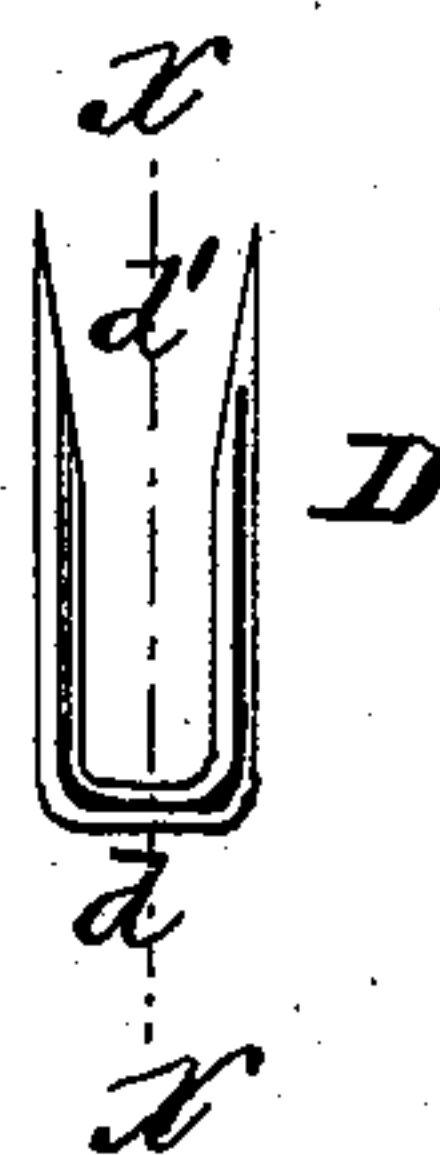


FIG. 5.

FIG. 2.

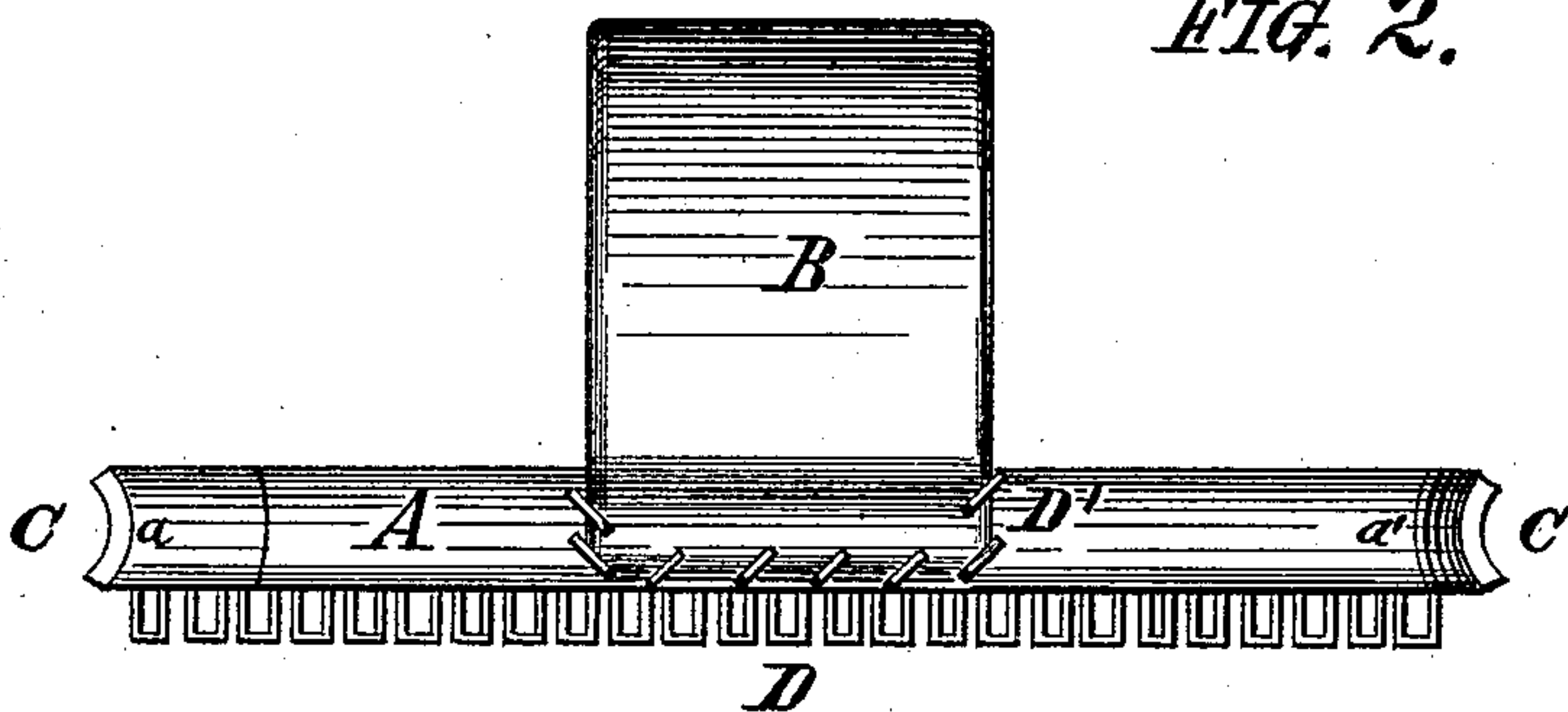


FIG. 3.

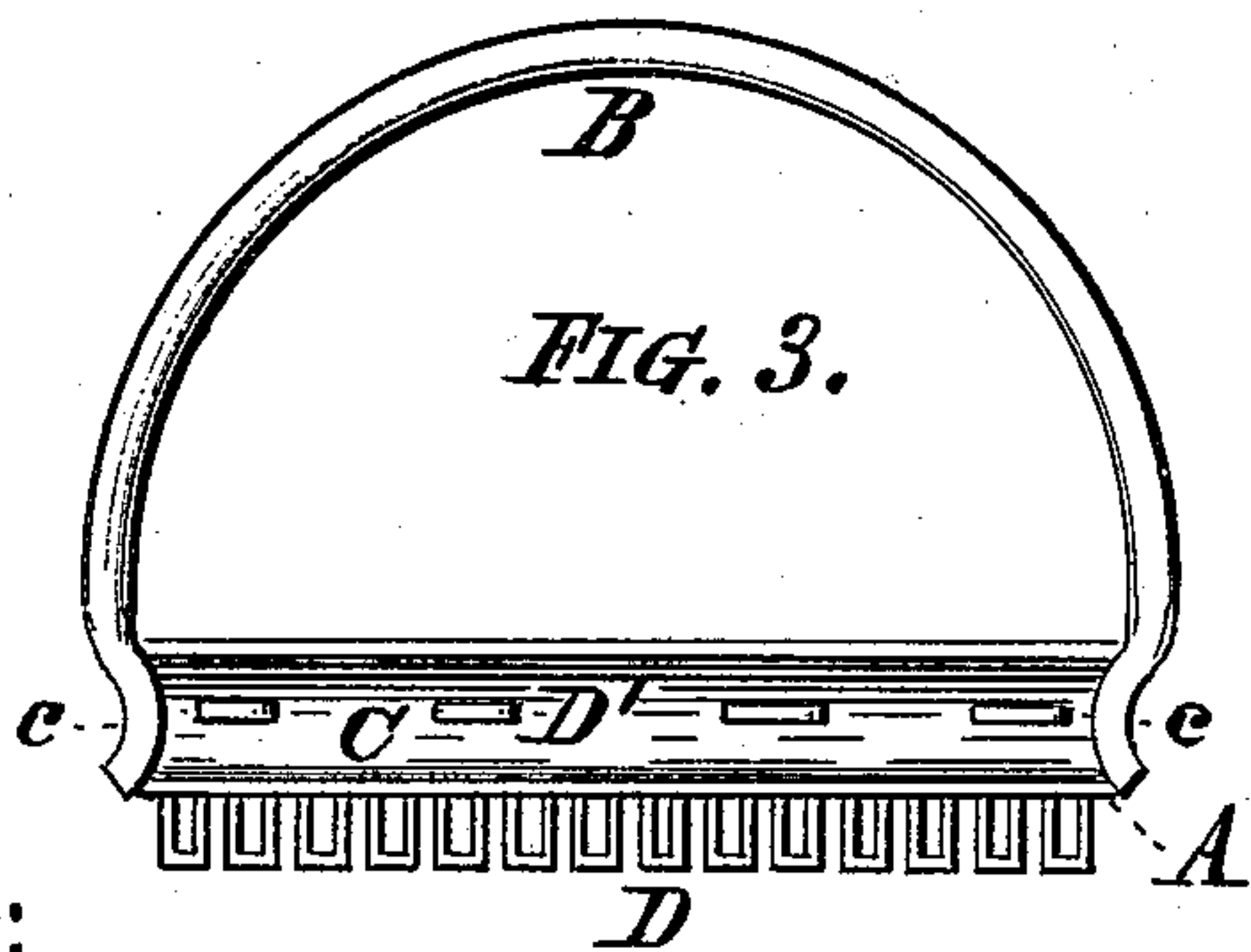
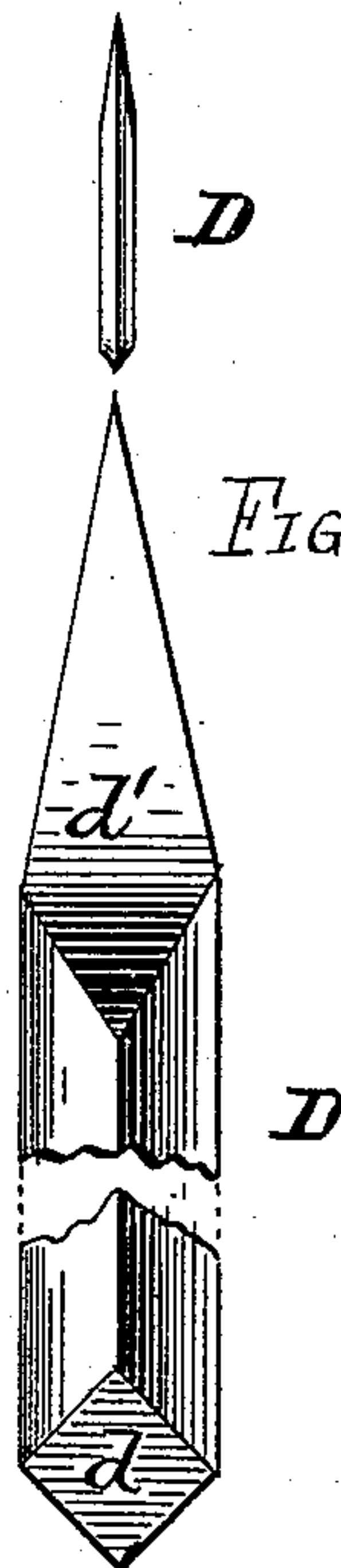


FIG. 6.



Witnesses:

Willie O. Stark
Al. Stark.

Inventor:

Timothy Gingras.
by Michael J. Stark,
Attorney.

UNITED STATES PATENT OFFICE.

TIMOTHY GINGRAS, OF BUFFALO, NEW YORK.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 337,057, dated March 2, 1886.

Application filed September 30, 1885. Serial No. 178,025. (No model.)

To all whom it may concern:

Be it known that I, TIMOTHY GINGRAS, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Curry-Combs; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

My present invention has general reference to improvements in curry-combs; and it consists, essentially, in the novel and peculiar
15 combination of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claims.

In the drawings already referred to, which serve to illustrate my said invention more fully, Figure 1 is a plan of my improved cur-
20 ry-comb. Fig. 2 is a side view of the same, and Fig. 3 an end view thereof. Fig. 4 is a side elevation, and Fig. 5 an end elevation of the double-pointed staples employed, and Fig.
25 6 is a transverse sectional elevation of the same on an enlarged scale.

Like parts are designated by corresponding letters of reference in all the figures.

The object of my present invention is the
30 production of a cheap and efficient curry-comb. To attain this end I construct my cur-ry-comb substantially of a plate or body-piece, A, of wood of proper length, width, and thick-
35 ness, and provide the same with a strap or handle, B, made of leather, said strap being secured to the body-piece A by means of double-pointed staples D', as clearly illus-
40 trated in Fig. 2. Into the face of the body-piece I force a series of double-pointed staples, D, setting them obliquely to the outer edges of said body-piece, and arranging the various
45 rows of staples in a staggering manner. These double-pointed staples D, (shown in detail in Figs. 4, 5, and 6,) I construct of so-called
50 "square wire," being wire drawn with an angular cross section in place of circular, as wire is usually drawn, and to form them into a U shape, taking one of the corners or sharp edges downward, as illustrated in Figs. 5 and
6, so as to present to the horse a series of sharp-

edged hooks or projections, which rake the hair of the horse and clean the same in a very short space of time.

To prevent the wood from splitting I secure to the ends of the body-piece A strips of leath-
55 er C, fastening them with double-pointed staples D', the same as the handle B, the ob-ject of using double-pointed staples in prefer-
60 ence to any other means of fastening being that they will hold more securely in the wood than nails or common tacks, and give a better
and more substantial appearance to the fin-ished article.

To insert the staples D into the bed plate or
body piece I prefer to puncture the same by
65 means of a suitable die and a press in all the places where a point of the staple is to enter. I then place a plate (of metal) upon the body-
70 piece having slotted apertures corresponding with the position of the punctures, and then drop the staples into these apertures, after
which a press having a suitable platen forces
all the staples into the wood in a single oper-ation.

The edges of the plate or body piece A, I
75 curve or groove, as shown at C, Fig. 3, and the corners of the same I either round off, as illustrated in Fig. 7 at a', or bevel, as shown
at a in said figure, the object of the latter ar-
80 rangement being to have a few of the staples with their sides close to the edge of the body-
85 piece, such teeth being very serviceable in cleaning and currying on the limbs of the ani-
mal, while the object of the curved or grooved edge or end is to enable the plate being readily
90 held in the hand even if the handle B should get lost from the plate or destroyed in use. By these means I am enabled to produce cur-ry-combs of an excellent quality at a very low
figure.

I am aware that round or curved staples have been used as currying-points for curry-combs, and such construction I do not claim; but

What I do claim, and desire to secure by
95 Letters Patent, is—

1. A curry-comb provided with a series of double-pointed rectangular staples of angular form in cross-section, the staples being set in the face or body of the comb, and the loops
100

thereof forming wedge-shaped currying projections, substantially as described and set forth.

2. A curry-comb provided with a series of
5 double-pointed rectangular staples of angular form in cross-section, the staples being inserted in the face or body of the comb, so as to stand obliquely to the edges thereof, substantially as described, and for the purpose set
10 forth.

In testimony that I claim the foregoing as my invention I have hereto set my hand in the presence of two subscribing witnesses.

TIMOTHY GINGRAS.

Attest:

MICHAEL J. STARK,
WILLIAM O. STARK.