

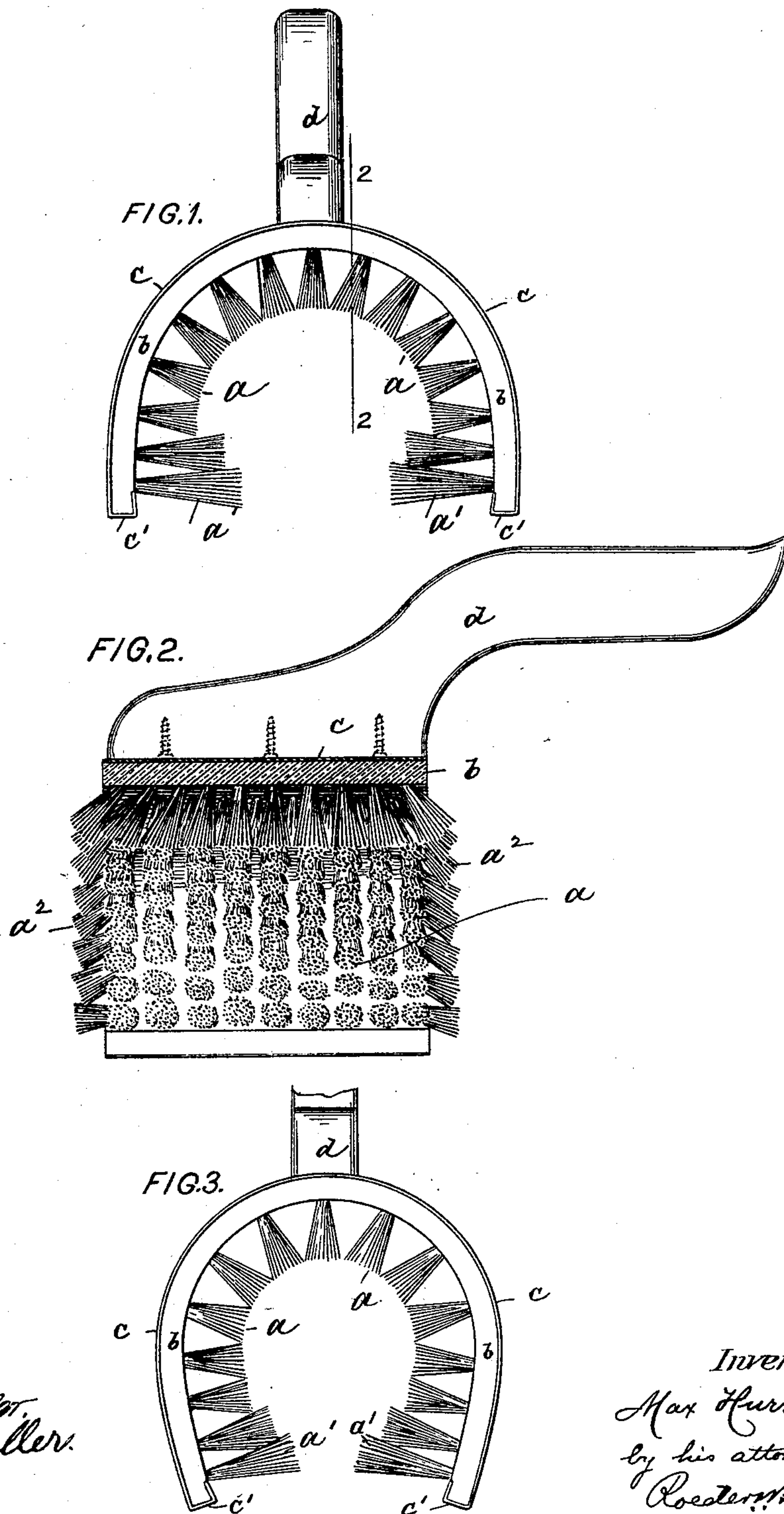
No. 636,408.

Patented Nov. 7, 1899.

M. HURVITZ.
BRUSH.

(Application filed May 8, 1899.)

(No Model.)



Witnesses:
John Becker.
William Miller.

Inventor:
Max Hurvitz
by his attorneys
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UNITED STATES PATENT OFFICE.

MAX HURVITZ, OF NEW YORK, N. Y.

BRUSH.

SPECIFICATION forming part of Letters Patent No. 636,408, dated November 7, 1899.

Application filed May 8, 1899. Serial No. 715,906. (No model.)

To all whom it may concern:

Be it known that I, MAX HURVITZ, a citizen of Russia, and a resident of New York city, county and State of New York, have invented
5 new and useful Improvements in Brushes, of which the following is a specification.

This invention relates to a brush which is more particularly adapted for cleaning cylindrical bodies, such as bicycle-tires, tubes, and
10 similar articles.

The body of the brush is of a curved form, so that it fits the article to be cleaned, and its back is made of a bendable material which permits its adjustment to articles of different
15 diameters.

In the accompanying drawings, Figure 1 is an end view of my improved brush; Fig. 2, a section on line 2 2, Fig. 1; and Fig. 3, an end view of the brush, showing it bent to a different
20 diameter.

The tufts *a* project radially inward from a back or lower plate *b*, made of leather or other flexible material, which is curved into an approximately semicylindrical form. The back
25 is at its edges embraced by the flanged ends *c'* of a correspondingly-curved top plate *c*, to the outer side of which the handle *d* is attached. The top plate is composed of soft or bendable sheet metal, the curvature of which
30 may be readily changed by an inward or out-

ward pressure against its ends and which when once bent will retain its shape until a new contour is imparted to it. In this way the brush may be set to snugly fit tubular objects of different diameters, Fig. 1 showing
35 the brush in a distended form and Fig. 3 in a more contracted form, but of course an indefinite number of intermediate or more extreme forms are obtainable.

The end tufts *a'* should be somewhat longer
40 than the others, and the front and rear tufts *a''* should project at an obtuse angle outward beyond the edges of the back, as shown.

My improved brush is well adapted for cleaning cylindrical objects, and owing to its bend-
45 able character the same brush may be used with full effect upon objects of different diameters.

What I claim is—

A brush composed of an outer curved soft-
50 metal plate, a handle secured thereto, and a flexible plate secured to the inner side of the metal one, combined with the tufts *a*, the outer rows of tufts *a'*, which are longer than the
ones *a*, and the ones *a''* which are inclined out-
55 wardly, substantially as described.

MAX HURVITZ.

Witnesses:

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