

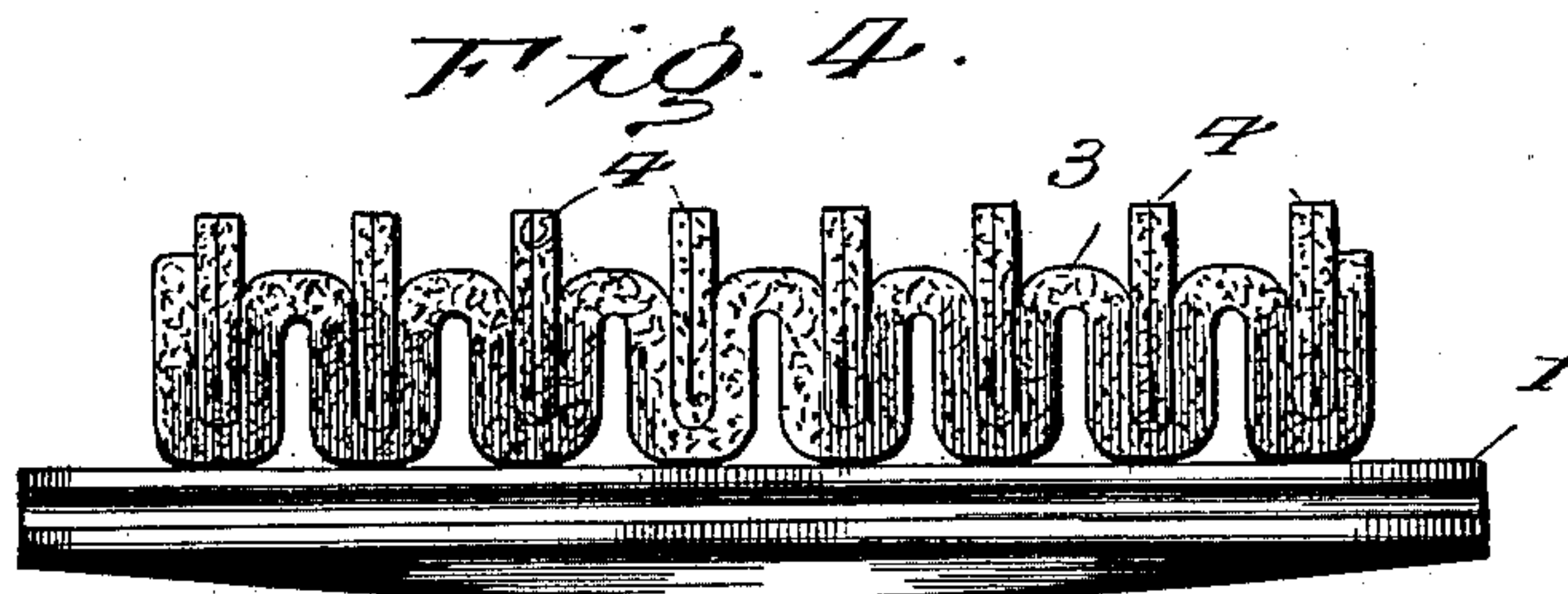
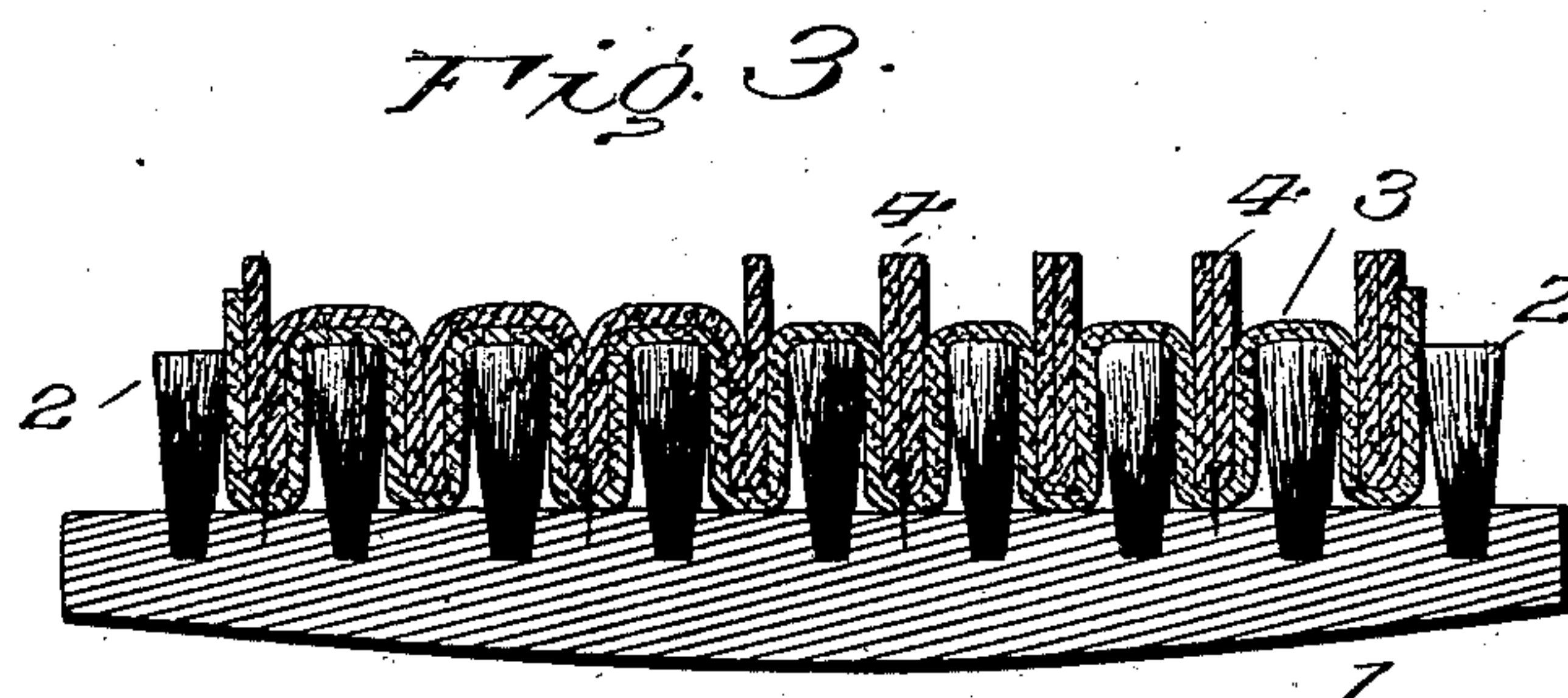
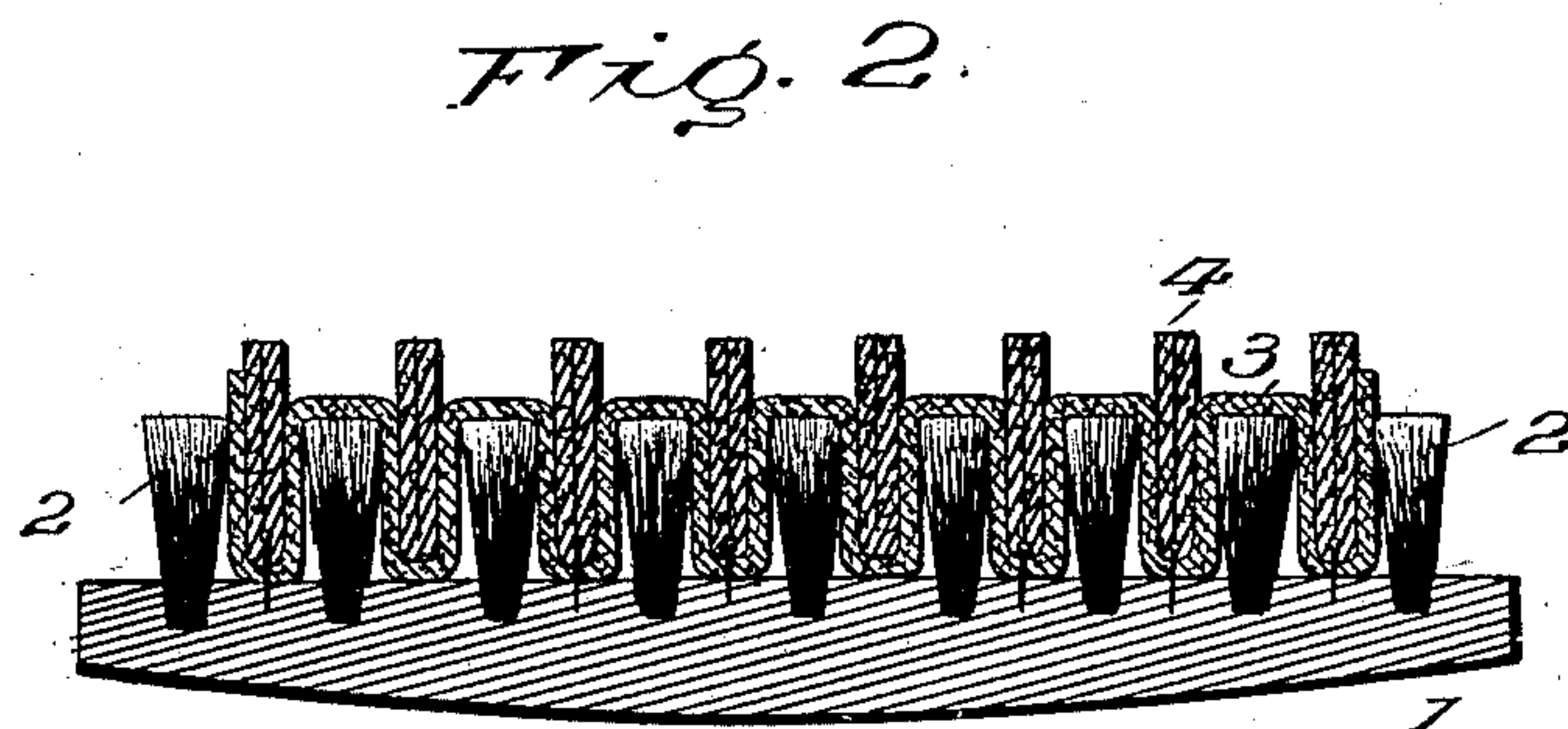
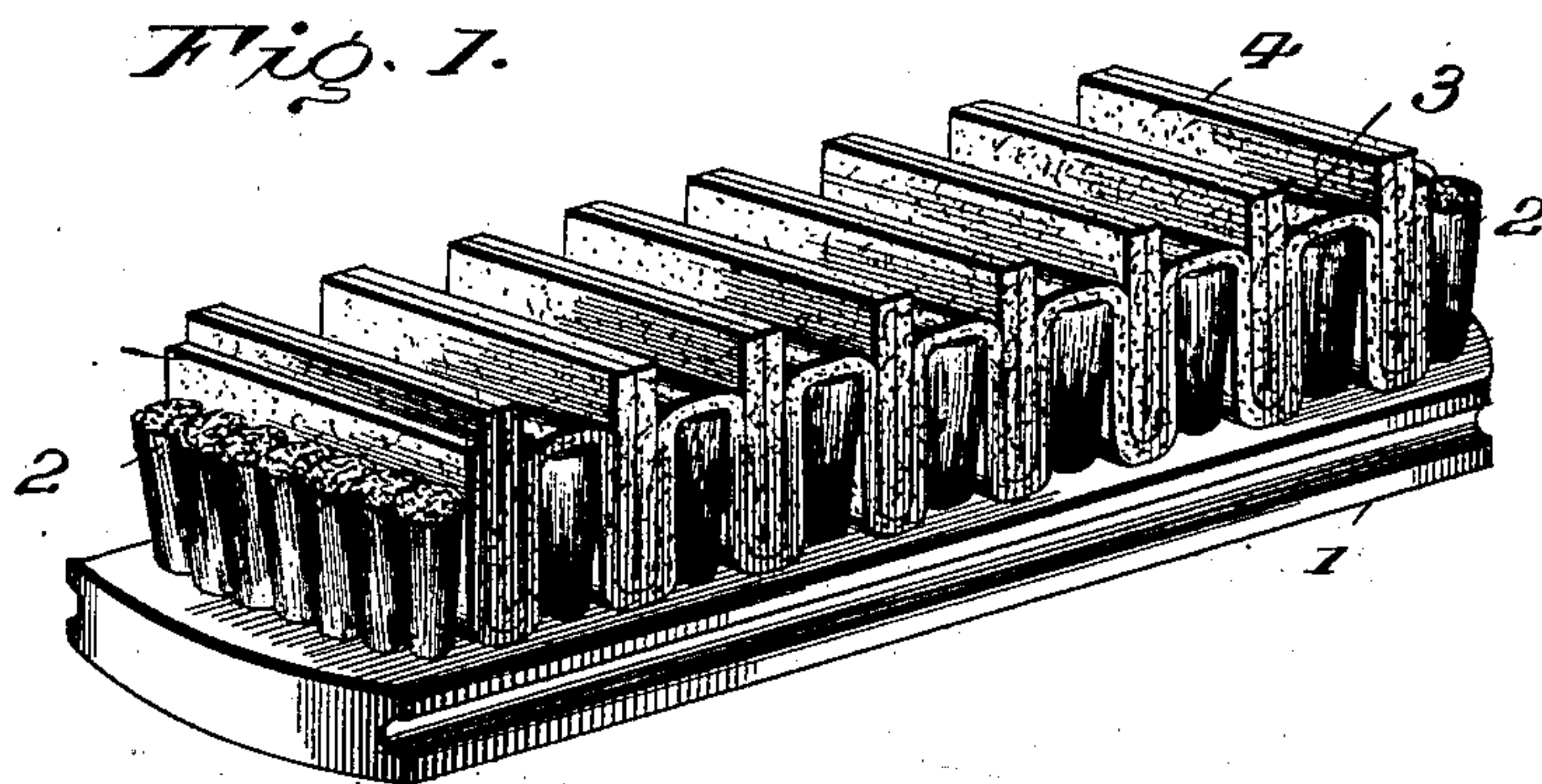
No. 671,873.

Patented Apr. 9, 1901.

W. W. WORCESTER.
SHOE POLISHING BRUSH.

(Application filed Dec. 20, 1900.)

(No Model.)



Inventor

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM WAKEFIELD WORCESTER, OF MANSFIELD, OHIO.

SHOE-POLISHING BRUSH.

SPECIFICATION forming part of Letters Patent No. 671,873, dated April 9, 1901.

Application filed December 20, 1900. Serial No. 40,596. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WAKEFIELD WORCESTER, a citizen of the United States, residing at Mansfield, in the county of Rich-
land, State of Ohio, have invented a certain
5 new and useful Improvement in Shoe-Polish-
ing Brushes, of which the following is a speci-
fication, reference being had to the accompa-
nying drawings.

10 This invention relates to an improvement
on that style of shoe-polishing brushes shown
in my United States Patent No. 605,533, dated
June 14, 1898; and the object of my present
invention is to produce a brush of that char-
acter which, besides having the convoluted
15 fabric, will be provided with soft polishing-
strips held between said convolutions, the lat-
ter being arranged to present to the shoe soft
polishing edges, which in addition to their
20 polishing capabilities protect the convolu-
tions.

With this object in view my invention con-
sists in the peculiar construction, arrange-
ment, and combination of parts hereinafter
25 more particularly described and then defi-
nitely claimed.

In the accompanying drawings, Figure 1
represents a perspective view of my preferred
form of brush. Fig. 2 is a vertical central
30 section of the same. Fig. 3 is a diagram-
matic view showing how my brush is made,
and Fig. 4 is a side elevation of a modifica-
tion.

Referring now to the details of the drawings
35 by numerals, and particularly to Figs. 1 and
3, 1 represents the support or handle, to which
the rows of bristles 2 are secured in the usual
or any preferred way, and over and between
these rows of bristles is secured a convoluted
40 fabric 3. Between the convolutions of this
fabric are the independent polishing-strips 4.
These strips are made, preferably, of soft felt
and may project slightly above the convolu-
tions, as shown. Both the straight strips and
45 the convolutions are secured between the
rows of bristles by means of staples 5, which
pass between the folds of the straight polish-
ing-strips 4 and also through the convolu-
tions 3, as shown in Fig. 2.

50 If preferred, the strips 4 may be cut to the

proper length and doubled on themselves and
secured between the convolutions 3; but it
has been my practice to make them of a con-
tinuous sheet of felt, as seen in Fig. 3, and
when made in this way there are in reality 55
two thicknesses of convoluted fabric, and
each convolution of the upper one is severed
crosswise of the brush, when the resiliency of
the bristles will cause the severed strips to as-
sume the position shown at the right-hand 60
end of Fig. 3. The sheared parts of the up-
per fabric thus stand up above the under
convolutions, so that during polishing all the
sheared edges press against the shoe alike,
the straight soft strips yielding in each direc- 65
tion according to which direction the polisher
is operated and protecting the convoluted
fabric and the latter preventing the stiffer
bristles from reaching the leather being pol-
ished. 70

I much prefer the form shown in Figs. 1
and 2; but this form is not absolutely neces-
sary, inasmuch as the bristles can be dis-
pensed with if the convoluted fabric is stiff.
This form is shown in the modification illus- 75
trated in Fig. 4, where the convolutions are
made of stiff leather or rubber 3^a, with the
same soft independent strips projecting from
between the convolutions.

From the drawings it is manifest that I 80
have produced a polisher which is a great
improvement on the one heretofore patented
by me, as the straight soft strips projecting
from the convolutions are found to be spe-
cially adapted for polishing purposes. 85

While I have shown a doubled strip project-
ing from between the convolutions, I do not
limit my claims thereto, as a certain measure
of success could be attained by a single soft
strip. Likewise it is evident that more than 90
two may be used, if preferred, and these and
other variations may be made without de-
parting from the spirit of my invention.

What I claim as new is—

1. As a new article of manufacture, a pol- 95
ishing implement comprising a block or han-
dle, a deeply-convoluted strip secured there-
to, and independent soft strips secured be-
tween said convolutions, the said independ-
ent soft strips having their upper ends free 100

and being held in their normal positions by the said convolutions, substantially as described.

2. A polishing implement comprising a
5 block or handle having rows of bristles secured thereto, a convoluted strip covering said bristles and separating the rows thereof, and soft strips secured in said convolutions between said rows of bristles, substantially
10 as described.

3. A polishing implement comprising a block or handle having rows of bristles thereon, a convoluted strip covering said bristles and separating the rows thereof, and independent soft strips secured within the convolutions between the rows of bristles, the
15 said strips being doubled on themselves with

their upper edges free and projecting above the convolutions, substantially as described.

4. A polishing implement comprising a
20 block or handle, a deeply-convoluted strip secured thereto, and independent soft strips secured between the convolutions, the said strips being doubled on themselves and having their upper edges free, substantially as
25 described.

In testimony whereof I affix my signature, in the presence of two witnesses, this 17th day of December, 1900.

WILLIAM WAKEFIELD WORCESTER.

Witnesses:

W. H. GIFFORD,

GRACE A. WORCESTER.