

No. 793,599.

PATENTED JUNE 27, 1905.

H. MIKOREY.
PAINT SPRAYING DEVICE.
APPLICATION FILED MAR. 18, 1905.

FIG. 1.

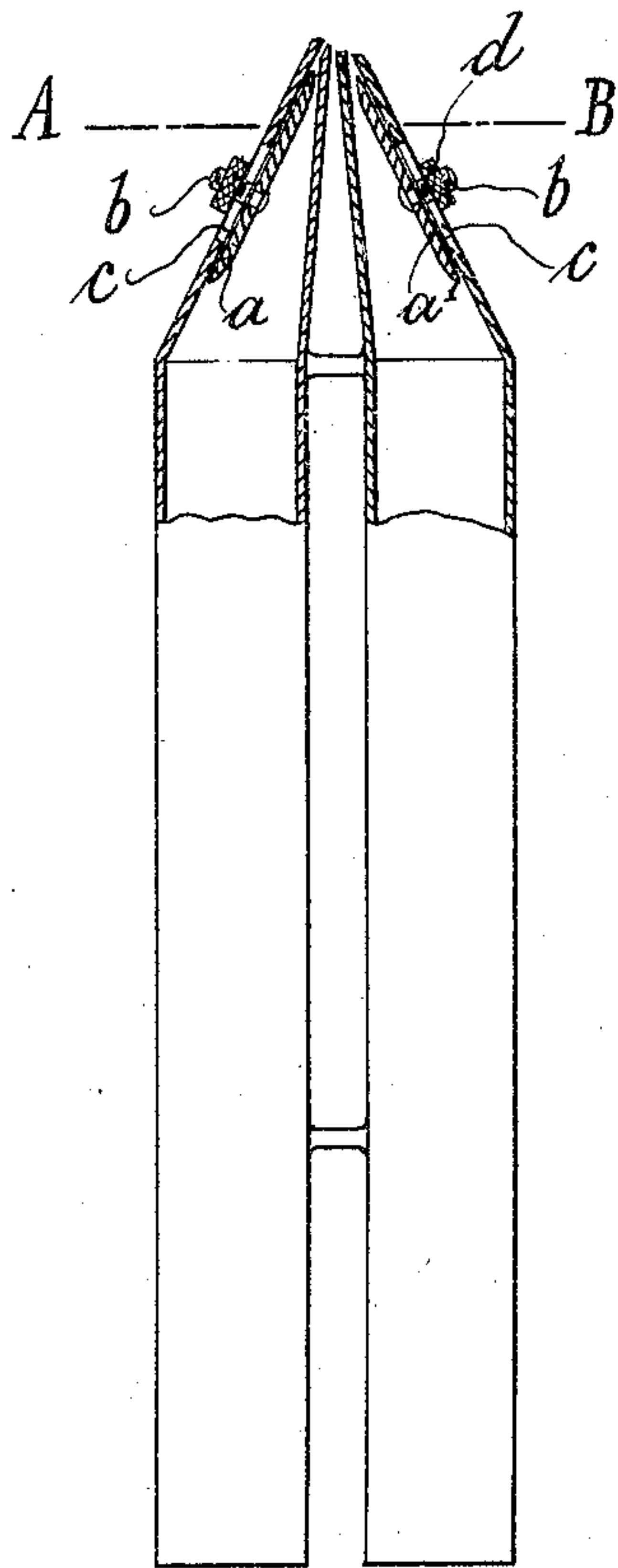


FIG. 3.

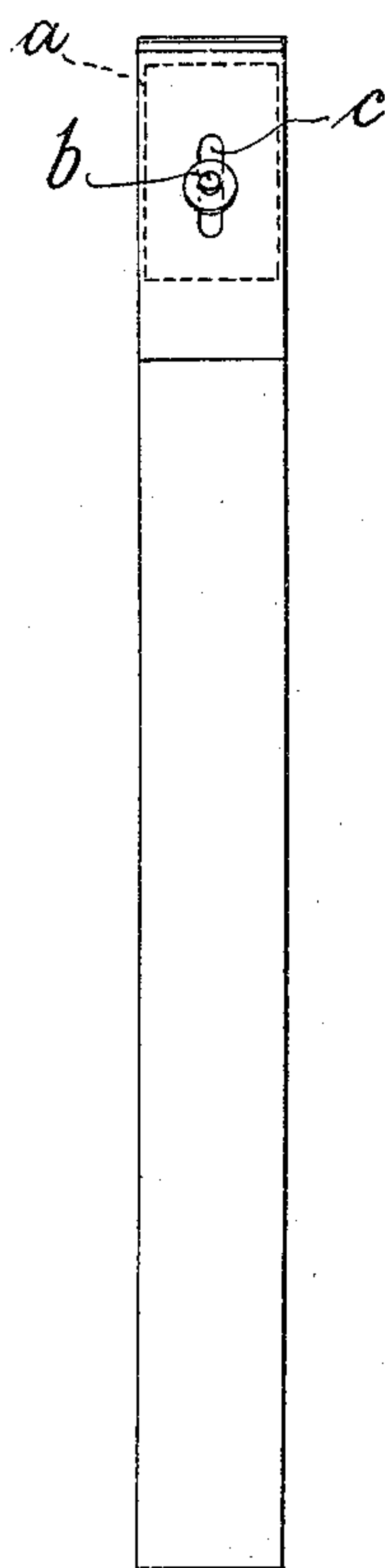
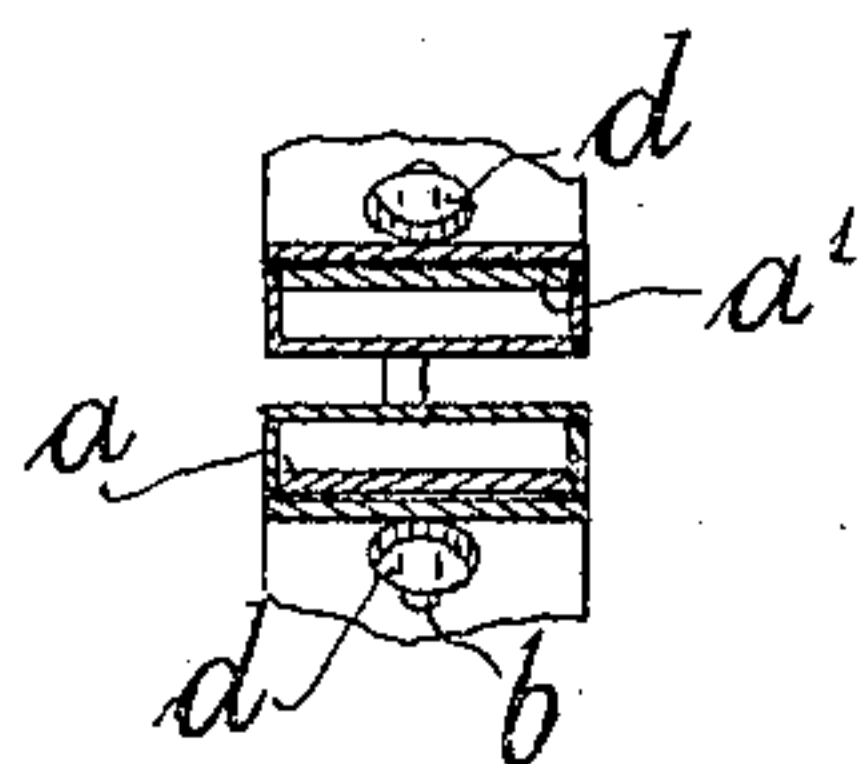


FIG. 2.



Witnesses
H. M. Kuehne
John A. Percival.

Inventor
Hans Mikorey
[Signature]

ATTORNEYS

UNITED STATES PATENT OFFICE.

HANS MIKOREY, OF SCHÖNEBERG, NEAR BERLIN, GERMANY, ASSIGNOR
TO THE FIRM OF W. GRAAFF & COMPANY GESELLSCHAFT MIT BE-
SCHRÄNKTER HAFTUNG, OF BERLIN, GERMANY.

PAINT-SPRAYING DEVICE.

SPECIFICATION forming part of Letters Patent No. 793,599, dated June 27, 1905.

Application filed March 18, 1905. Serial No. 250,852.

To all whom it may concern:

Be it known that I, HANS MIKOREY, a sub-
ject of the German Emperor, residing at No.
13 Wartburgstrasse, Schöneberg, near Ber-
lin, Germany, have invented new and useful
Improvements in Paint-Spraying Devices, of
which the following is a specification.

This invention relates to a spraying-nozzle
for paint-spraying devices for painting pur-
poses and the like, and has for its object that
the mouth of the air-nozzle, as well as that of
the paint-nozzle, can both be enlarged and di-
minished independently of each other, which
is attained by the arrangement of slidable and
adjustable plates, the position of the latter de-
termining the size of the nozzle-openings.

Referring to the accompanying drawings,
Figure 1 is a longitudinal section of the spray-
ing-nozzle. Fig. 2 is a cross-section on the
line A B of Fig. 1, and Fig. 3 is an elevation
of the nozzle.

In the interior of both nozzles, one of which
serves for the discharge of paint and the other
for the discharge of air, there are provided
two metal plates or slides *a* and *a'*, adapted to
move longitudinally against the external con-
ical-shaped walls, in that fixed screw-threaded
pins *b* extend through longitudinal slots *c* of
the walls of the nozzles. The screw-threaded
pins are provided externally with nuts *d* and
can thus be adjusted in any suitable slidable
position.

It is obvious that by moving the plates *a* and *a'*
toward or away from the mouths of the noz-
zles the former can be enlarged or diminished
at will and that by the employment of two
plates, one for the air-nozzle and one for the
paint-nozzle, which can both be adjusted inde-
pendently of each other, the width of the mouth
of one nozzle can be varied independently of
that of the other. Consequently the discharge
of paint can be regulated independently of
the discharge of air.

Having now particularly described and as-
certained the nature of my said invention and
in what manner the same is to be performed,
I declare that what I claim, and wish to secure
by Letters Patent, is—

In a spraying-nozzle for paint-spraying de-
vices, two nozzles arranged side by side, one
for the supply of paint and the other for the
supply of air and each provided with an ad-
justable slide for independently regulating
the discharge-openings substantially as de-
scribed and shown in the drawings.

In testimony whereof I have signed my name
to this specification in the presence of two sub-
scribing witnesses.

HANS MIKOREY.

Witnesses:

HENRY HASPER,
WOLDEMAR HAUPT.