

No. 894,680.

PATENTED JULY 28, 1908

H. MIKOREY.
PAINT SPRAYER.
APPLICATION FILED OCT. 21, 1907.

Fig. 1.

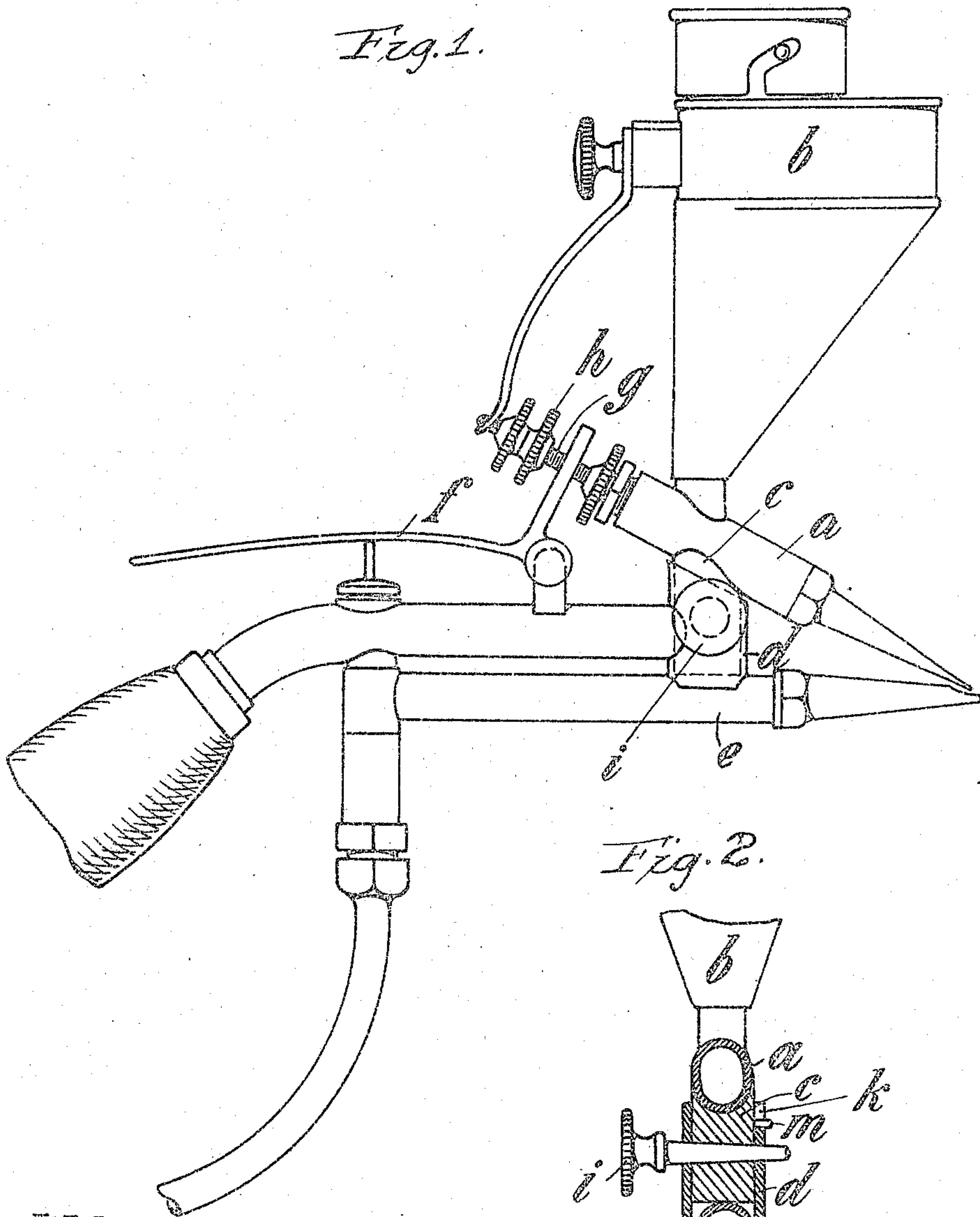
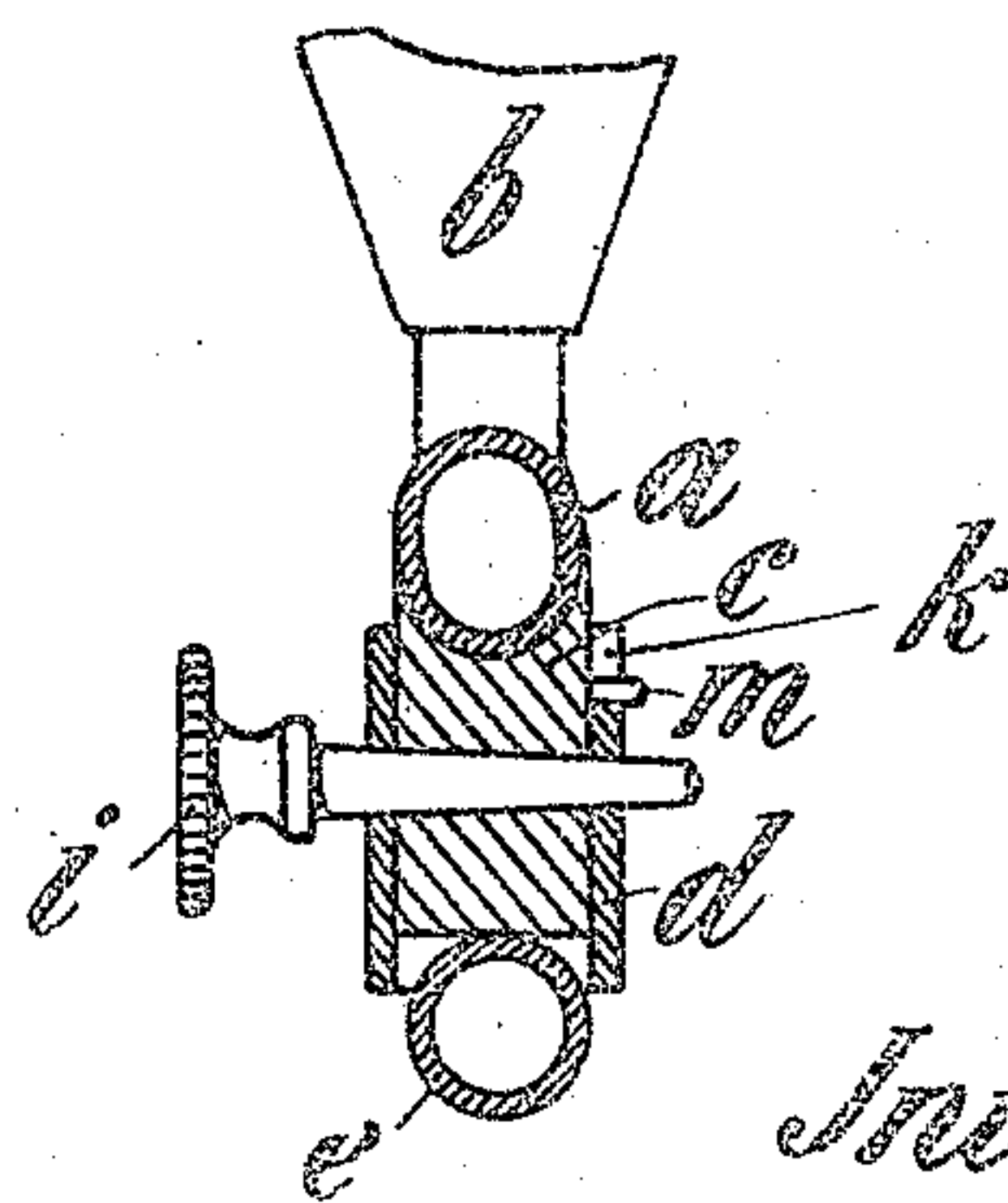


Fig. 2.



Witnesses.
Geo. Heinicke
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UNITED STATES PATENT OFFICE

HANS MIKOREY, OF SCHÖNEBERG, NEAR BERLIN, GERMANY, ASSIGNOR TO THE FIRM OF MINIMAX CONSOLIDATED LIMITED, OF LONDON, ENGLAND, AND NEURUPPIN, MARK, GERMANY.

PAINT-SPRAYER.

No. 894,680.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed October 21, 1907. Serial No. 398,473.

To all whom it may concern:

Be it known that I, HANS MIKOREY, a civil engineer, and a subject of the German Emperor, and a resident of 13 Wartburgstrasse, in the city of Schöneberg, near Berlin, Kingdom of Prussia, and German Empire, have invented a certain new and useful Paint-Sprayer, of which the following is a specification.

10 This invention has reference to a sprayer or distributor for paint and colors in which the receptacle for the paint or color and the nozzle are made in one piece and may be exchanged together as a unit. Paint sprayers
15 of similar kind are already known. The novelty resides in the total arrangement of the sprayer for the purpose of being able to exchange the parts mentioned.

20 Upon the drawing the subject matter of the invention is illustrated in Figure 1 in side view and in Fig. 2 in section, through the assembling device of the color receptacle and nozzle with the frame and air supply.

25 The paint or color delivering nozzle *a* to which the paint or color receptacle *b* is connected, is provided with stud *c* engaging with a sleeve *d* and being retained in position by a conical pin *i*, the said sleeve being preferably secured to the air conducting tube *e*. A pin
30 *m* secured to the stud *c* and engaging with a slot *k* of the sleeve *d* insures the proper engagement and adjustment of the stud *c* in the sleeve *d*. After withdrawing the pin *i* of conical shape the paint receptacle and the
35 nozzle may be detached and may be interchanged against others for the purpose of operating upon another paint or color.

Any other detail parts of the sprayer need not be detached or loosened for exchanging
40 the receptacle and the delivering nozzle. Nor is it necessary to make any changes in the adjustment of the paint or color valve,

when the paint or color receptacle is removed or mounted in place, in view of the hand lever being formed as an elbow lever *f*, so that
45 the adjustable stops *h* which are mounted on the valve rod *g* of the paint delivery controlling valve and serve for the adjustment of said valve, can clear this lever, when it is desired to exchange the paint or color receptacle and the nozzle. 50

What I claim and desire to secure by Letters Patent of the United States is:—

1. A paint sprayer composed of a receptacle for liquid colors, of a nozzle forming one
55 piece with said receptacle, of a stud, secured to said nozzle, of a socket secured to the frame and the air pipe nozzle, adapted to receive the stud, of a pin fitting transversely into a hole of the stud and socket, of a pin *m*
60 laterally projecting from the stud and fitting into a slot of the socket substantially as described.

2. A paint sprayer composed of a receptacle for liquid colors, of a nozzle forming one
65 piece with said receptacle, of a stud, secured to said nozzle, of a socket secured to the frame and the air pipe nozzle, adapted to receive the stud, of a pin fitting transversely into a hole of the stud and socket, of a pin *m*
70 laterally projecting from the stud and fitting into a slot of the socket, of means to regulate the color supply and of a bell-crank lever fulcrumed on the frame and having one arm adapted to engage said color regulating
75 means substantially as described.

In witness whereof I have hereunto signed my name this 20th day of September 1907, in the presence of two subscribing witnesses.

HANS MIKOREY.

Witnesses:

WOLDEMAR HAUPT,
HENRY HASPER.