

# PATENT SPECIFICATION



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COMPLETE SPECIFICATION.

## Improvements in Tools for Poster Writing.

We, HERMANN BURKHARDT, a Swiss citizen, of Thalwil, Switzerland, and PAUL GROB-HABLÜTZEL, a Swiss citizen, of 11, Axensteinstrasse, St. Gallen, Switzerland, as part Assignee of HERMANN BURKHARDT, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to a tool for poster writing which comprises a hollow holder for the reception of a suitable writing fluid, characterised by the provision at one end of the holder of a small tube co-operating with a writing nozzle provided with one or more holes for the admission of air to the holder in addition to the hole for writing purposes.

A construction according to the invention is illustrated by way of example in the accompanying drawings in which—

Figure 1 shows the tool in vertical section,

Figure 2 a portion of the same with the parts in different positions.

Figures 3 to 5 are detail views in elevation.

1 is a hollow holder like the shank or body of a fountain pen, for instance of vulcanised rubber, which is provided at the top at 2 with an outer thread for the purpose of screwing on a covering cap 3. It is also provided with an inner or tapped thread 4, into which is screwed a closing plug 5 provided at the top with a small axial smooth tube 6. A bore 7 establishes communication between the tube 6 and the interior of the holder 1. 8 is a cap for temporarily closing the tube 6 when the tool is not in use. 9 is a nozzle having, at one end, a cylindrical body provided with an axial bore 10 and a lateral hole 11 which is arranged at an angle to the axis, and at the other end a writing tube 12 in continuation of the bore 10.

In the writing tube 12 is loosely mounted a plunger 13 having a head or valve 14 at its inner end which prevents it from falling out when the holder is in the writing position wherein the plunger

13 slightly projects beyond the writing tube, and shuts off the bore 10 from the said tube.

As shown in Figure 1, the nozzle may be placed with the hole 11 on the tube 6, and it will then be possible to write on a horizontal writing surface, by pressing on the said surface the plunger 13 which thus opens the valve 14. As the contents of the holder 1 escape, air can pass into the holder from the bore 10. By adjusting the position of the tube 6 in the hole 11, the quantity of air admitted and of escaping fluid can be regulated, for the reason that the farther the nozzle 9 is pressed on the tube 6, the less distance can the plunger 13 be pressed inwardly and thus the less fluid issues from 12. At the same time, the portion of the tube 6 which enters the bore 10 throttles the passage of air into the holder. As shown in Figure 2, the nozzle can however be placed on the tube 6 axially, by inserting the latter into the opening 10; the air will then pass through the opening 11 to the upper end of the tube 6 and to the escaping fluid.

When the tool is not in use, the cap 8 can be screwed on, and the nozzle kept in the covering cap 3 above the tube 6. The writing tube 12 could be interchangeable.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A tool for poster writing which comprises a hollow holder for the reception of a suitable writing fluid, characterised by the provision at one end of the holder of a small tube co-operating with a writing nozzle provided with one or more holes for the admission of air to the holder in addition to the hole for writing purposes.

2. A tool according to Claim 1, characterised by the nozzle having two holes whereby the nozzle can be placed in axial alignment on the small tube, or at an angle thereto, for the purpose described.

3. A tool according to Claim 1, characterised by a plunger projecting slightly

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beyond the writing end of the nozzle and mounted loosely in the nozzle and provided at its inner end with a valve.

4. The tool for poster writing substantially as described or substantially as illustrated in the accompanying drawings.

Dated this 25th day of October, 1926.

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[This Drawing is a reproduction of the Original on a reduced scale.]

