K. N. PIER.

GLUE STICK.

APPLICATION FILED JUNE 20, 1912.

1,087,137.

Patented Feb. 17, 1914.

Fig. 1.

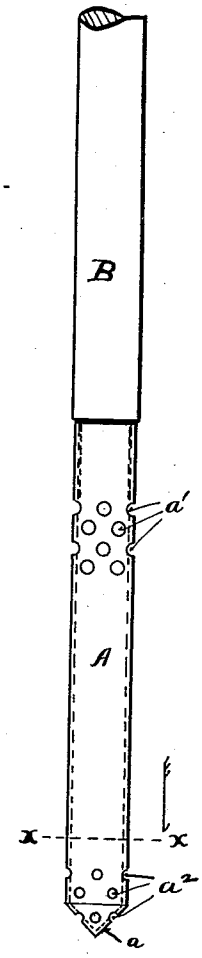


Fig. 3.

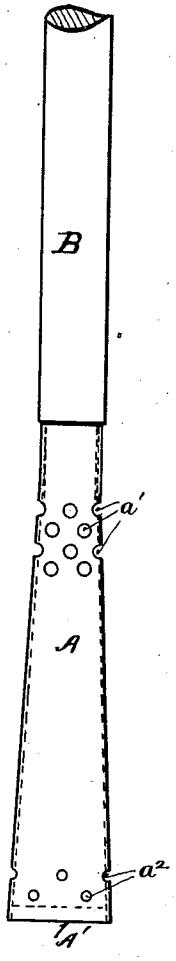


Fig. 2

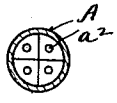
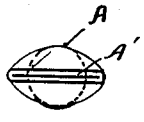


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

KENNETH N. PIER, OF UNION CITY, PENNSYLVANIA.

GLUE-STICK.

1,087,137. Specification of Letters Patent. Patented Feb. 17, 1914.

Application filed June 20, 1912. Serial No. 704,864.

To all whom it may concern:

Be it known that I, KENNETH N. PIER, a citizen of the United States, residing at Union City, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Glue-Sticks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

My invention relates to glue distributing sticks, and has for its object the construction of a utensil for such purpose, by means of which glue may be spread upon the interior surfaces of holes and mortises.

The features of my invention are hereinafter shown and described and are illustrated in the accompanying drawings, in which:—

Figure 1, is a view in elevation of one form of my improved glue stick. Fig. 2, is a transverse section thereof on the line x—x, in Fig. 1. Fig. 3, is another form of the same. Fig. 4, is a view of the lower end of the glue stick shown in Fig. 3.

In these drawings, A, indicates a cylindrical tube, the lower end a, of which is closed. In the upper end of the tube A, there is inserted a handle B, of such length as may be desired. In the upper portion of the tube A, adjacent to the handle B, I make one or more openings or perforations a', and in the lower end, adjacent to the closure, I make one or more small openings or perforations a^2. In the form shown in Fig. 3, the tube A, has its lower end A′, flattened, as shown in Figs. 3 and 4, which lower end is also provided with perforations or openings a^2. In all other respects the glue sticks shown in Figs. 1 and 3, are identical.

In operation, my improved glue stick is immersed in a pot containing liquid glue, so that the glue extends above the perforations a', and enters the cavity in the tube, filling the same. The stick is then lifted out of the pot and the lower end a, or A′, as the case may be, is inserted into the hole or mortise, into which it is desired to place the glue, and the glue emerging from the holes a^2, by reason of its own gravity, is deposited on the inner walls of the hole or mortise.

Having thus shown and described my invention so as to enable others to construct and use the same, what I claim as new and desire to secure by Letters-Patent, is:—

In a device of the character described, a tube A, having a closed lower end, a, vent openings a', adjacent to its upper end, openings a^2, at its lower closed end, and a handle B, closing the upper end thereof, substantially as and for the purpose set forth.

In testimony whereof I affix my signature, in presence of two witnesses.

KENNETH N. PIER.

Witnesses:
FRED M. CARLE,
GEORGE F. LE FEVER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."