

G. Aymard

Tanning Bladders.

N^o 57,275.

Patented Aug. 21/1866.

Fig. 1.

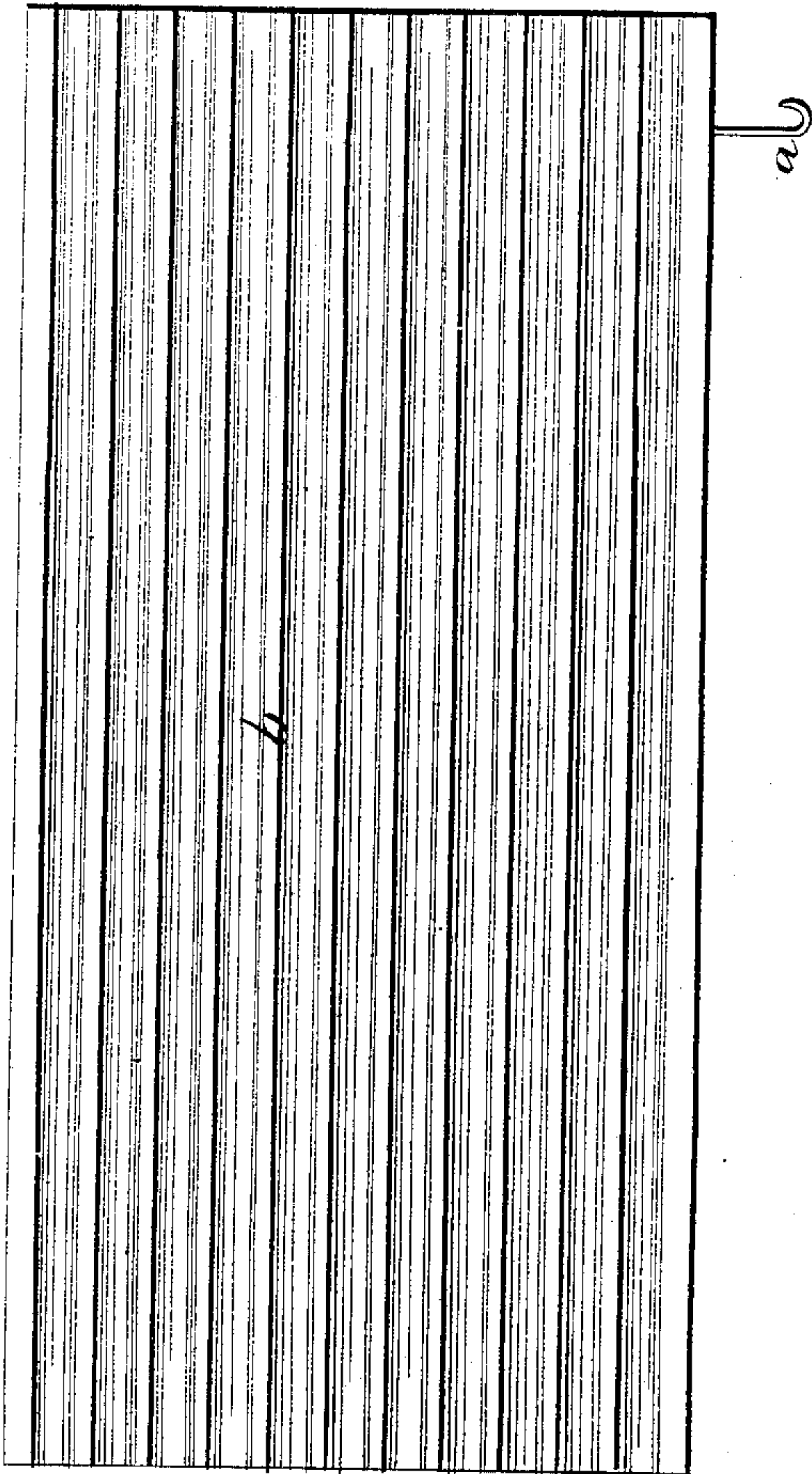
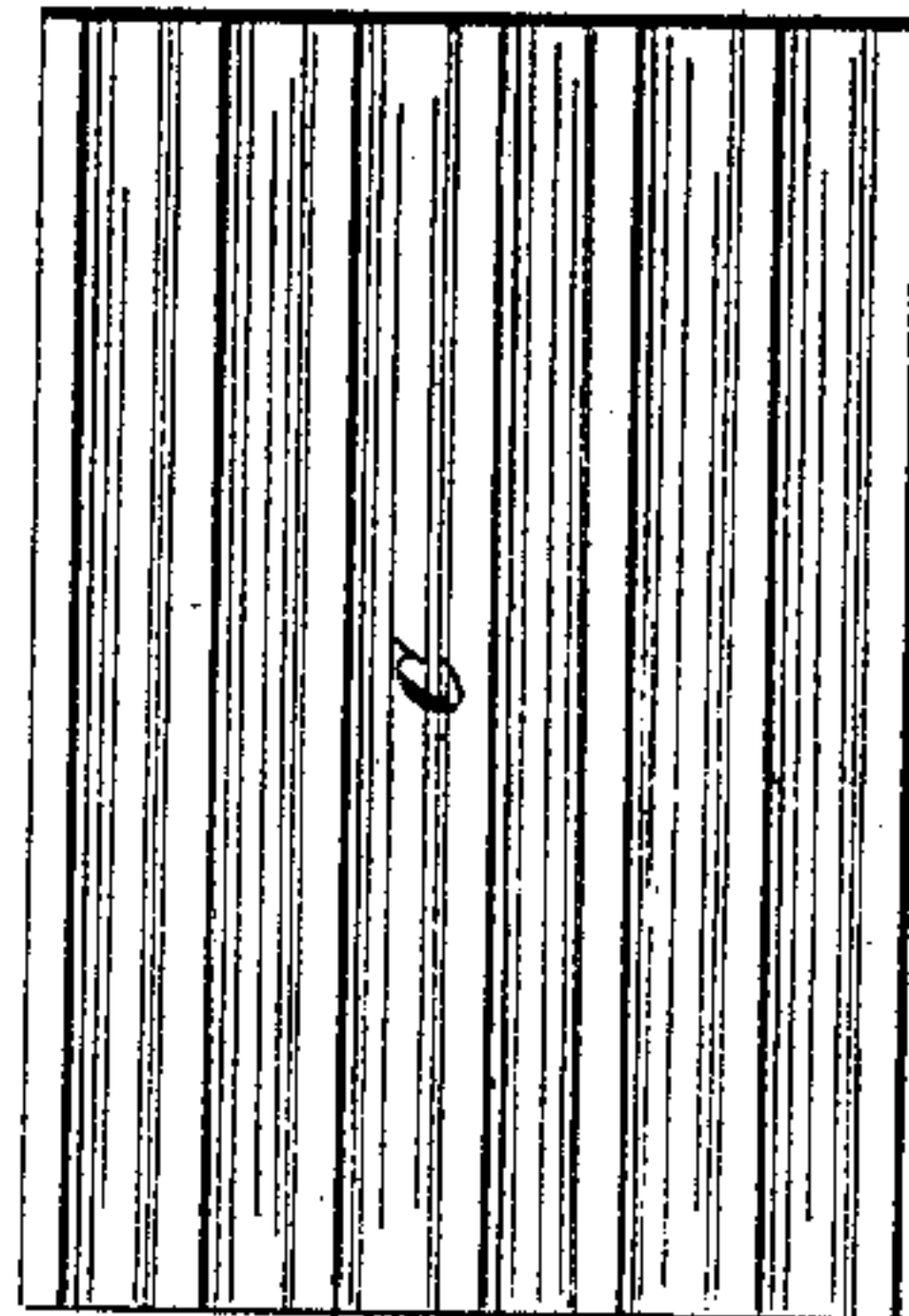


Fig. 2.



Witnesses;
Thos Geo Harrod
Geo D. Walker

Inventor;
G. Aymard

UNITED STATES PATENT OFFICE.

GUILLAUME AYMARD, OF NEW YORK, N. Y.

IMPROVEMENT IN THE MANUFACTURE OF TOBACCO-BAGS.

Specification forming part of Letters Patent No. 57,275, dated August 21, 1866.

To all whom it may concern:

Be it known that I, GUILLAUME AYMARD, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in the Manufacture of Tobacco-Bags; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, in which the boards are represented that I employ in rubbing the bladders from which said bags are made during the process of manufacture.

Tobacco-bags have heretofore been made of bladders, dried and fitted with a string; but they are stiff, easily crack, and very quickly emit a very disagreeable smell, particularly in warm weather or when carried about the person.

The nature of my said invention consists in a process for deodorizing, tanning, and softening bladders for tobacco-bags, &c., whereby they are rendered soft, pliable, and inodorous, resembling a good quality of white kid, hence a much better article than any heretofore made.

My process is as follows: I first soak the ordinary green bladders in a strong brine or solution of rock-salt for three days, more or less, and then wash them out thoroughly until freed from any salt. I prepare a tanning solution of about ten gallons of water, four pounds of alum, and two pounds of salt. The strength of this may be varied according to the condition or character of the bladders. The bladders are immersed in this solution

for about a week, until they are thoroughly tanned, which is determined on inspection. The bladders are then removed from the solution, inflated, and dried under cover. I provide two boards, Figures 1 and 2, one being smaller than the other, so as to be easily handled. The bladders are laid on the board *a* and bruised and rubbed with the board *b*. Each bladder is then separately stretched by being rubbed over the hook or blunt knife *c*. By these means the bladders are softened, and by using corrugated boards *b* and *c* the operation is facilitated. I then place the bladders in a closed box and subject them to the fumes of burning sulphur, and afterward rub them between the aforesaid boards until they become pliable and supple, very much resembling white kid. The bladder is to be cut and trimmed in any usual way.

By this method of preparing bladders they are rendered inodorous, and do not become stiff and harsh, like the bags made of dried bladders, and they are not eaten by worms, as sometimes happens with the ordinary bladders.

What I claim, and desire to secure by Letters Patent, is—

The mode herein specified of preparing bladders for tobacco-bags, &c., by which they are rendered soft and pliable, as set forth.

In witness whereof I have hereunto set my signature this 14th day of July, 1866.

G. AYMARD.

Witnesses:

GEO. D. WALKER,

THOS. GEO. HAROLD.