1818X

W. EDWARDS.

TANNING.

Patented Oct. 19, 1812.

Fig. 2.

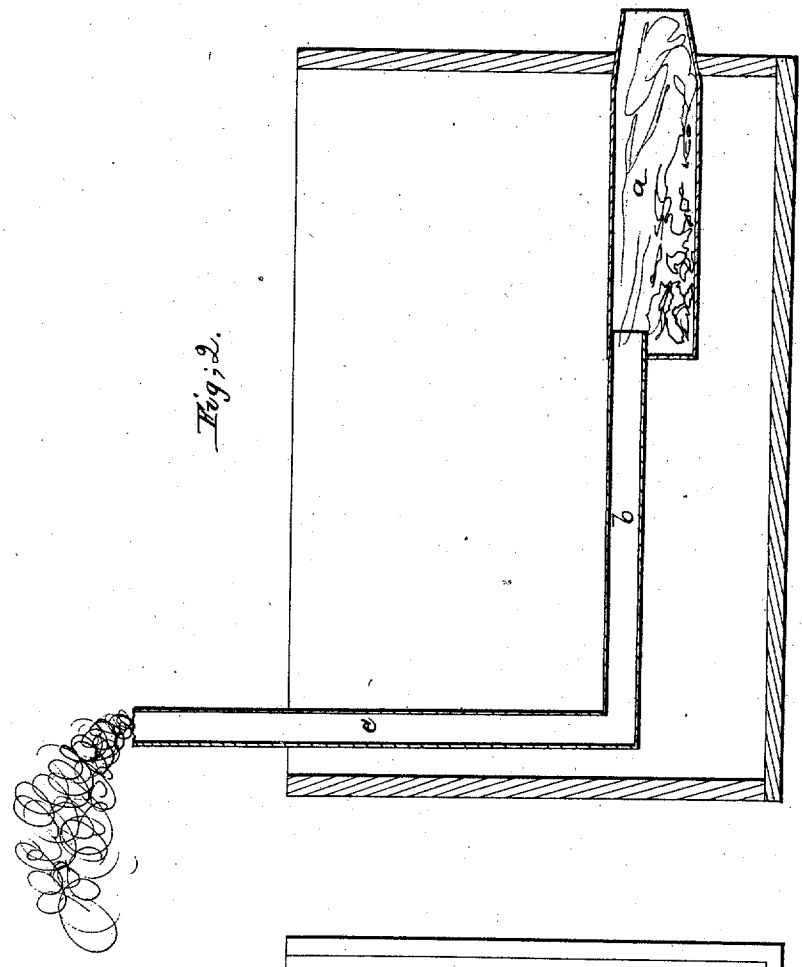
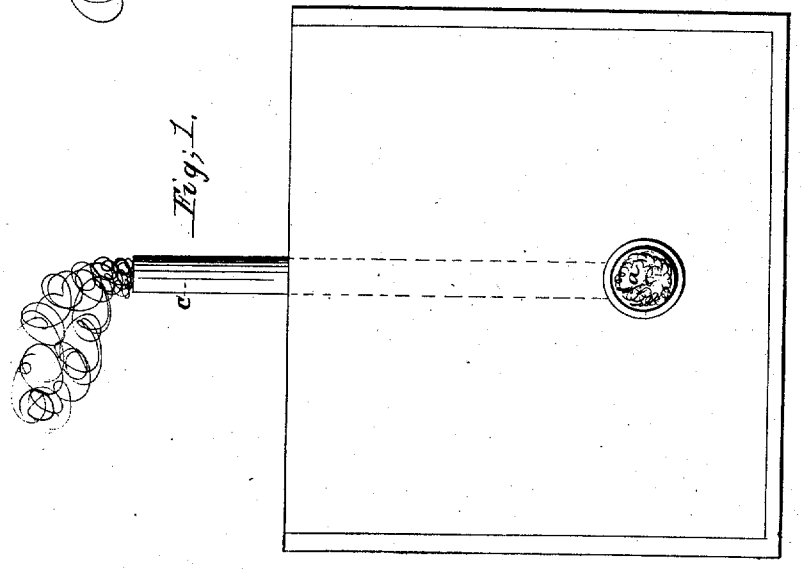


Fig. 1.



THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

1818 X

William Edwards Letters Patent Dated Oct 19. 1812.

The Schedule referred to in these Letters Patent and marked first of the same, containing a description in the words of the said William Edwards himself, of his improvement in tanning.

"This Invention consists of a cylindrical heater made of copper. A transition piece or communication pipe, this should be round, contracted at the mouth in order conveniently to insert it in the end of a vat or leach, from the mouth for three feet it should be fifteen inches in diameter in order to receive the fuel, at three feet from the mouth it should be contracted to the size of a common stove pipe, which should be extended the length of the vat which is to receive it, a right angle to be then formed and the pipe extended above the top of the vat when the vat is filled with bark or tan and with water by making a fire in the large part of the heater, heat will be produced in the vat which is of much use in the process of tanning by enlarging all the tannin contained in the bark & opening the fine pores necessary to completely saturate the hide with the tanning principle contained in the bark"

In presence of us
Daniel Stebbins
Joel Stoddard Jr

Signed William Edwards

H K

(Sealed and Delivered 3rd April 1813)

Dan Stebbins
Joel Stoddard Jr