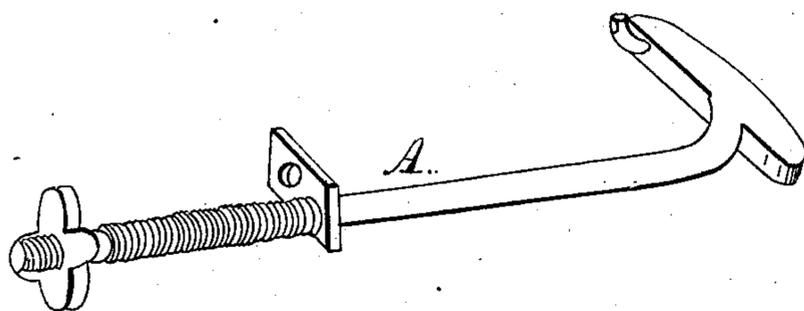
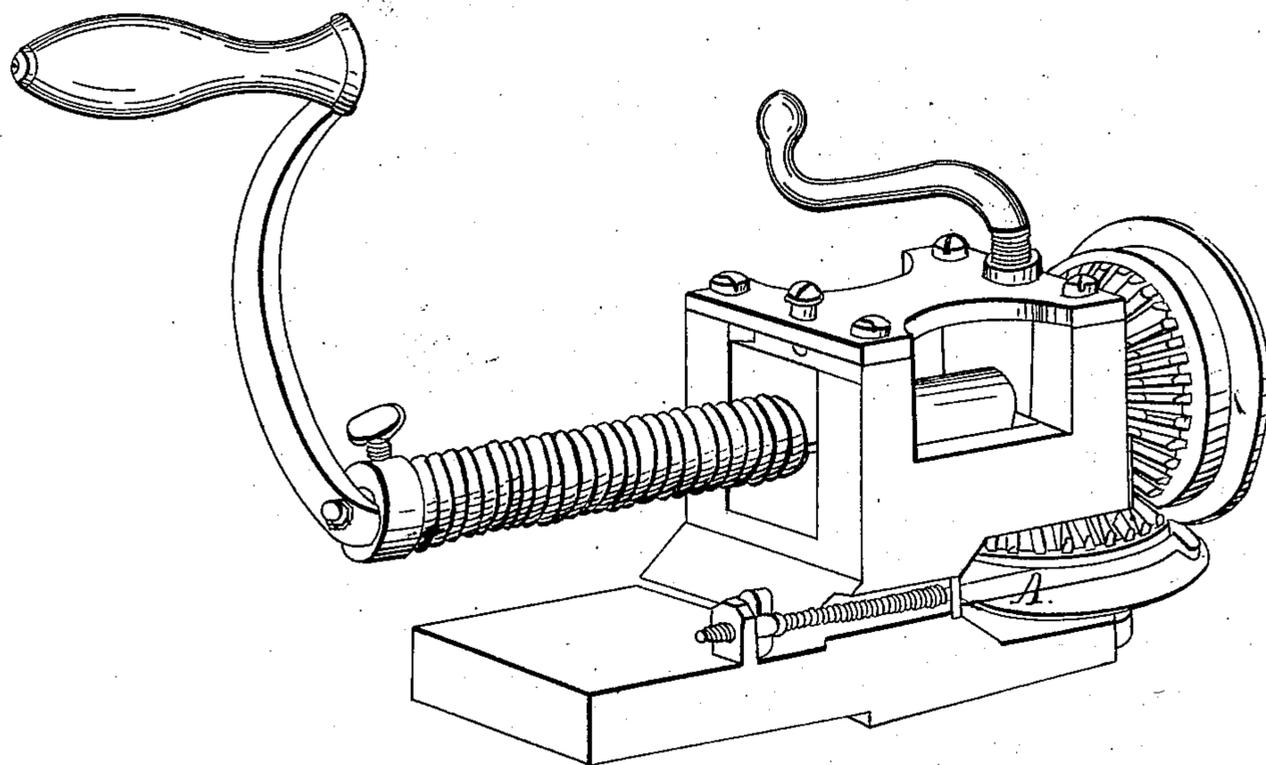


*L. Smith,*  
*Making Sheet-Metal Vessels.*  
*N<sup>o</sup> 5,083.      Patented Apr. 24, 1847.*



# UNITED STATES PATENT OFFICE.

LESTER SMITH, OF SOUTHTON, CONNECTICUT.

IMPROVEMENT IN SETTING-DOWN MACHINES FOR THE MANUFACTURE OF TINWARE.

Specification forming part of Letters Patent No. 5,083, dated April 24, 1847.

*To all whom it may concern:*

Be it known that I, LESTER SMITH, of South-  
ington, in the county of Hartford and State of  
Connecticut, have invented a new and useful  
Improvement in Setting-Down Machines for  
the Manufacture of Tin, Brass, and Copper  
Ware, &c.; and I do hereby declare that the  
following is a full and exact description.

I construct the main body of the machine in  
any of known forms which are in common use.  
The roller to which the crank is attached is  
made with a screw on one end, to which are fit-  
ted two or more wheels of different thickness,  
in order to suit the various widths of seams  
which the different kinds and sizes of ware  
may contain. The under roller (the shaft of  
which stands in a vertical position) is turned  
without the shoulder near the outside, it be-

ing left straight and smooth, and on this roller  
is placed a movable gage, A, to which is at-  
tached a screw, and by turning said screw and  
putting a wheel of suitable thickness on the up-  
per shaft the machine is easily adjusted to  
any required work or width of seam.

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

The application of a movable gage, in com-  
bination with two or more different thicknesses  
of wheels to be attached to the common set-  
ting-down machine, and by shifting the wheels  
or rollers and moving the gage the machine is  
readily adjusted to any required width of seam.

LESTER SMITH.

Witnesses:

DANIEL NEWTON,  
NATHAN E. STANNARD.