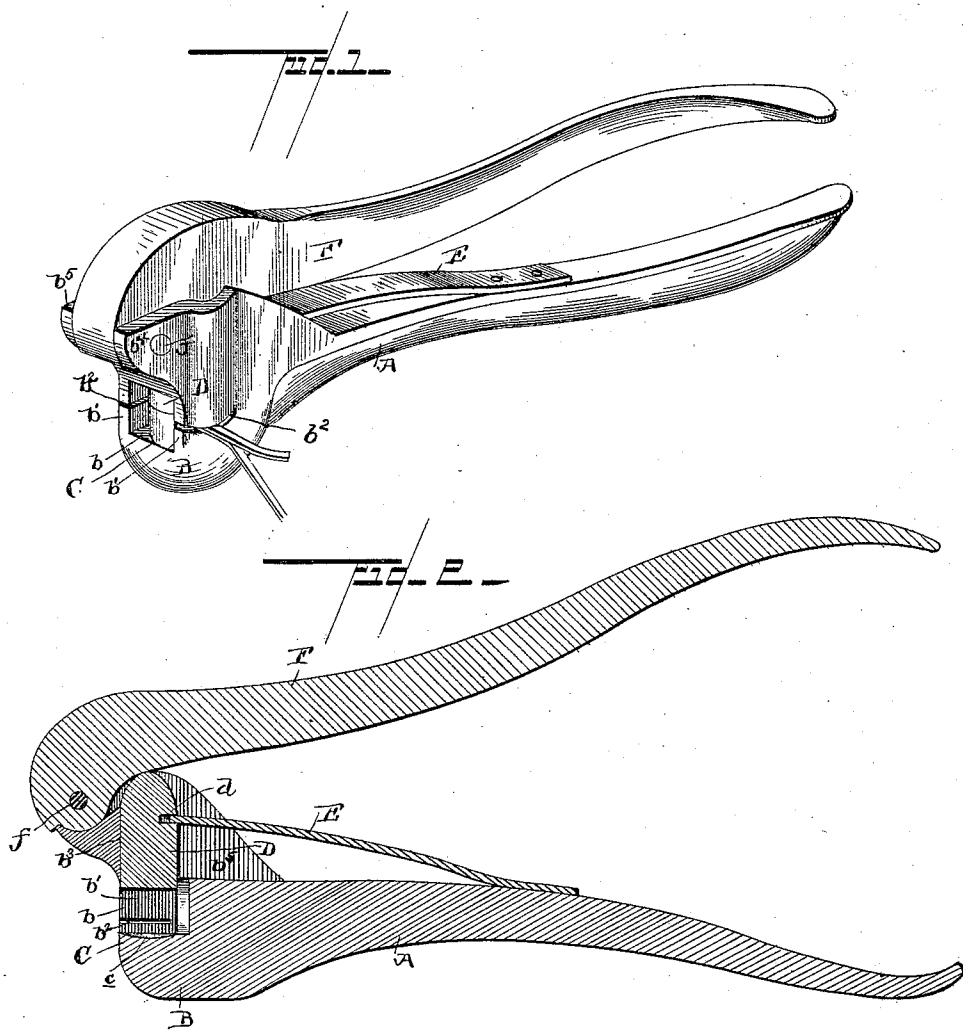


(No Model.)

L. A. FOOTE.  
CAR SEAL PRESS.

No. 475,211.

Patented May 17, 1892.



Witnesses

J. G. Leitz

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# UNITED STATES PATENT OFFICE.

LEWIS A. FOOTE, OF AUSTIN, MINNESOTA, ASSIGNOR TO THE BUCKEYE CAR SEAL AND MANUFACTURING COMPANY, OF CLEVELAND, OHIO.

## CAR-SEAL PRESS.

SPECIFICATION forming part of Letters Patent No. 475,211, dated May 17, 1892.

Application filed July 27, 1891. Serial No. 400,790. (No model.)

### *To all whom it may concern:*

Be it known that I, LEWIS A. FOOTE, a citizen of the United States, residing at Austin, in the county of Mower and State of Minnesota, have invented a new and useful Car-Seal Press, of which the following is a specification.

My invention relates to seal-presses; and it has for its object to provide a cheap and durable seal-press which can be as conveniently and readily used in the dark as in the light, and to have means whereby the seal will be always brought in position for locking and be securely held to its place without danger of displacement by being upset and locked upon the wire or metal strips usually employed, being especially adapted for and preferably used for rivet-seals, but, as said, may be advantageously used with any other kind of seals; and with these objects in view the invention consists of a lever-press provided with guards or gages and constructed and arranged in the manner hereinafter more fully described, illustrated in the accompanying drawings, and specifically pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of a seal-press constructed in accordance with my invention and having a seal compressed between the dies thereof as the same is locked upon the ends of the wire or strips of metal. Fig. 2 is a longitudinal sectional view of the same.

Referring to the accompanying drawings, A designates the stock or handle of my improved seal-press, which terminates in an enlarged head B, which is provided in its front end with the recess or pocket  $b$ , inclosed between the side walls or guards  $b'$ , one of which or both of which, as may be desired, are provided with the longitudinal shackle receiving and holding guide-slots  $b^2$ , which are adapted to hold the ends of the wires or strips of sheet metal within the said pocket, into which the sealing material is designed to be placed, and prevents the upset material from coming between the two shackle-strips by holding the ends thereof close together while sealing, inasmuch as said guide receiving and holding slots are only of a sufficient width to admit of two or more thicknesses of tin or other material used for the seal-shackle.

Integrally formed with the stock A and lo-

cated within the recess or pocket of the enlarged head thereof is the base-die C, which is provided with a concaved face  $c$ , upon which are cut the characters or numerals which are to be formed upon the seal. Vertically reciprocating in the recess  $b^3$  in the enlarged head B and directly above said base-die is the die-plunger D, which is provided upon its face with the characters corresponding to those upon the face of the lower stationary die and is provided with the recess or notch  $d$ , within which the free end of the leaf-spring E, secured to the base or stock A, takes, and is adapted to normally throw the vertically-reciprocating die-plunger off from the base-die.

A lever F is pivoted at  $f$  between the jaws  $b^4$  and  $b^5$ , in which the top of the enlarged head B terminates, and is designed to bear upon the top of said reciprocating plunger, and working between the said jaws is designed to bear upon the same and compress the material placed within the pocket or recess to be acted upon by and between said die, the tension of the leaf-spring referred to normally throwing the die and lever upward.

The construction and operation of this seal-press is thought to be now apparent without further description. The pocket or recess in the head of the press forms a receptacle into which the metal can be easily and conveniently placed and be held therein while being compressed between the dies, while the slots in the side walls or guards serve to hold the two ends of the seal closely together, so that in upsetting the neck of the rivet the metal will be upset or compressed outside of the metal strip instead of between the two strands, as is liable to be done with the ordinary presses in use. Other advantages will suggest themselves to those skilled in the art.

It will be of course readily noted that the main object of the inclosing side guard-walls forming a pocket open only at the front end of the seal provides a device which prevents the passage of the seal beyond its proper position for sealing, while the narrow slot in each guard-wall tightly holds the shackle ends together, so as to prevent any portion of the upset of the seal coming in between the two strips of the shackle.

Having thus described my invention, what

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

In a seal-press, the combination of the stock or handle having an enlarged head provided  
5 with opposite guard-walls, and a rear wall forming a front pocket inclosed by said walls and open at the front of the seal, and an integral base-die within said pocket, shackle  
10 receiving and holding guide-slots cut horizontal in said guard-walls from the front thereof and of a size to accommodate and hold tightly together the lapped ends of the shackle-strips,

which are adapted to be inserted edgewise into the slots from the front open ends thereof, and a vertically-reciprocating die adapted to work  
15 within said inclosed pocket over the integral base-die, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LEWIS A. FOOTE.

Witnesses:

PAT MCNEELA,  
BEN E. GIBSON.