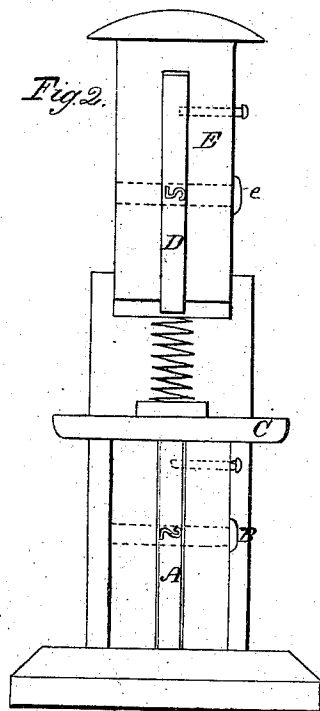
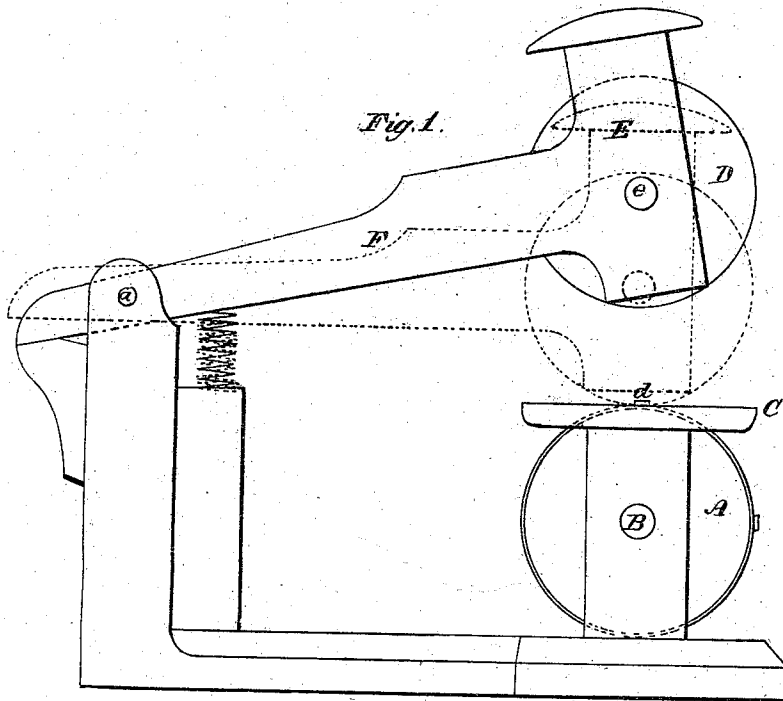


F. I. Hart. Sheet 1 of 2 Sheets.
Hand Stamp.

No. 91,741.

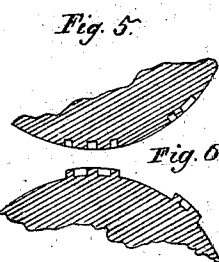
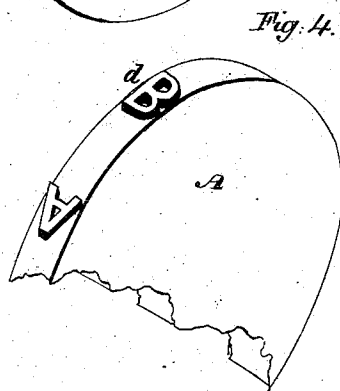
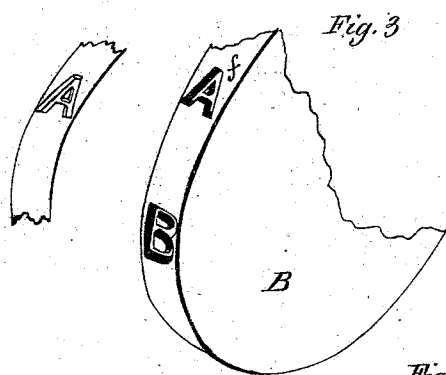
Patented Jun. 22, 1869.



Witnesses.
J. H. Shumway
A. J. Tibbitts.

Inventor.
F. I. Hart
By his Attorney
John E. Carl.

F. I. Hart. Sheet 2, 2 Sheets.
Hand Stamp.
No. 91,741. Patented Jun. 22, 1869.



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United States Patent Office.

FREDERIC J. HART, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 91,741, dated June 22, 1869.

IMPROVEMENT IN HAND-STAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, FREDERIC J. HART, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Cancelling-Presses; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1 a side view, and in

Figure 2 a front view.

Figures 3, 4, 5, 6, detached views of the centre-wheels enlarged.

This invention relates to an improvement in cancelling and similar embossing-presses, the object being to make an adjustable press, so that the same press may be used for different impressions. To this end,

The invention consists in the arrangement of two wheels, one above and directly over the other, on one of which the letter, figure, or words are raised, and on the other, depressions are formed corresponding to the raised portions of the first, so that by setting the two wheels, so that the projections of the one correspond to the depressions of the other, any article placed between such portions of the two wheels, and the wheels forced together by pressure, will emboss the thing so placed between the wheels, in accordance with the figures, letters, words, or design upon the two wheels.

In order to the clear understanding of my invention, I will fully describe the same, as illustrated in the accompanying drawings.

A is the lower wheel, hung upon an axis, B, so as to be revolved thereon, and, in connection with the said wheel, a table, C, is arranged, so as to lie flush with the upper edge of the wheel, as seen in fig. 1.

D is the second wheel, hung upon an axis, *e*, in a head, E, the said head being formed upon an arm, F, pivoted at *a*, and so that the wheel D will lie directly

over the wheel, A, as seen in the drawings, so that when the head E is depressed, as denoted in red, fig. 1, the periphery of the two wheels will meet.

On the periphery of one of the wheels, (here represented as the lower, A,) I raise a letter, figure, or design, as denoted at *d*, figs. 1, 4, 6, and on the other, a depression, *f*, corresponding to the raised figure, as seen in figs. 2, 3, 5.

The two wheels being set so that one corresponds to the other, and firmly held in such position, by any suitable device, the paper or similar article placed between the two, and the upper struck down thereon, will emboss such article or material according to the meeting-design of the wheels.

If another design is required, turn the two wheels until such design is brought to the proper position, there secure the wheels, and make the impression, as in ordinary embossing or cancelling-presses.

Several wheels, arranged in combination, will enable the production of combined designs.

I am aware that a single wheel has been constructed and adjusted for printing in cancelling-presses; I therefore do not claim the arrangement, in a cancelling-press, of a wheel, adjusted so as to press different figures for cancelling or embossing-purposes; but

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

The combination of one or more wheels, A, upon a fixed axis, and one or more wheels, D, upon an axis movable, so that the two may be brought into proper relative position, the one wheel having upon its periphery a projection or relief-figure, the other, a corresponding impression in *intaglio*, to constitute an embossing-stamp, substantially in the manner herein set forth.

FREDERIC J. HART.

Witnesses:

A. J. TIBBITS,

J. H. SHUMWAY.