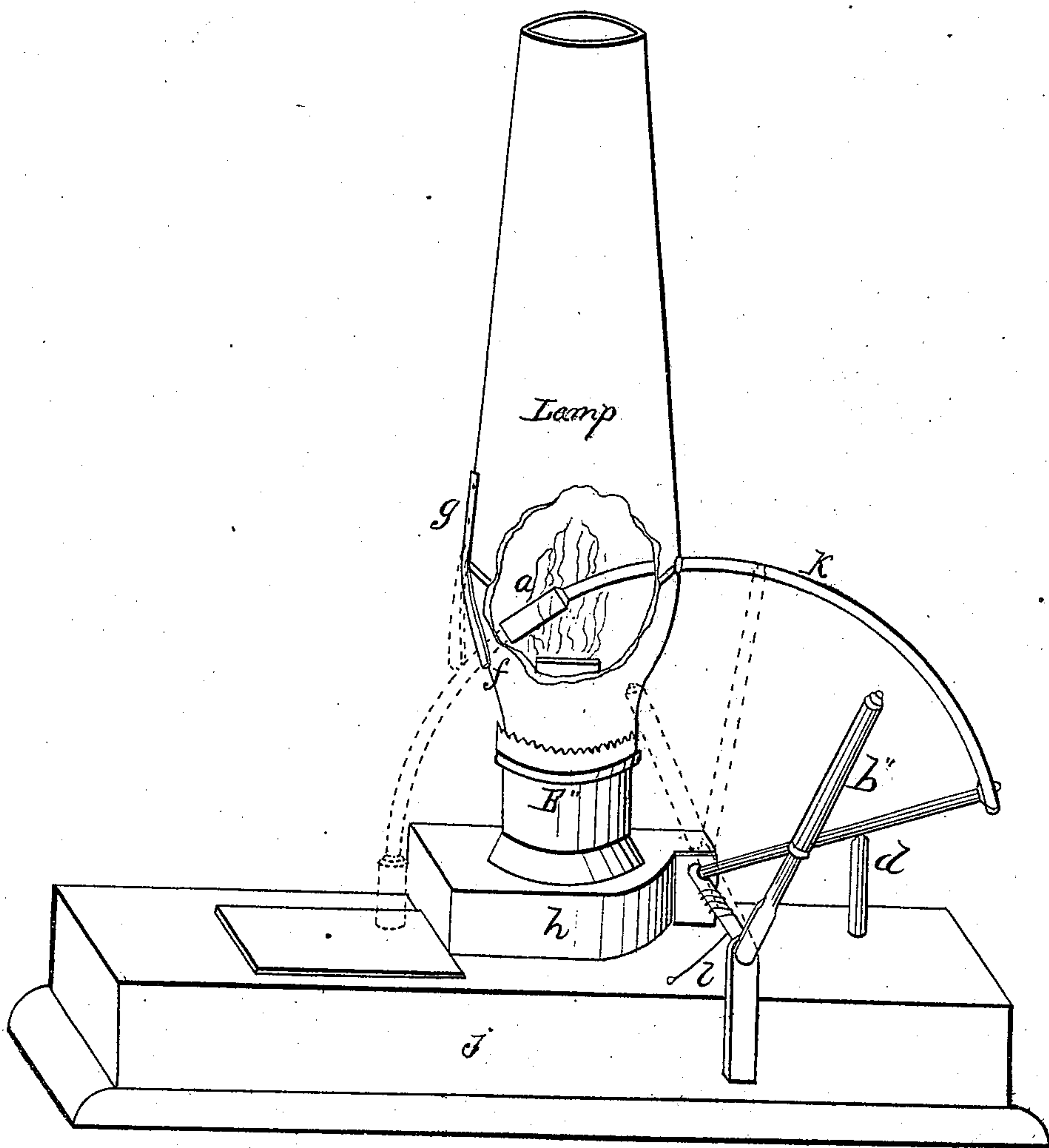


*W. C. Garretson & E. Draper.*  
*Hand Stamp.*

*N<sup>o</sup> 82,823. Patented Oct. 6, 1868.*



Witnesses  
*A. M. Bacon*  
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# United States Patent Office.

W. C. GARRETSON AND ELLWOOD DRAPER, OF OSKALOOSA, IOWA, ASSIGN-  
ORS TO W. C. GARRETSON.

Letters Patent No. 82,823, dated October 6, 1868.

## IMPROVEMENT IN BRANDING-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 we, W. C. GARRETSON and ELLWOOD DRAPER, of Oskaloosa, county of Mahaska, and State of Iowa, have invented a new and useful machine for cancelling stamps, printing post-marks, and other similar printing by heat, said machine being called "The Caloric Stamp-Canceller and Post-Marker;" and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, and to the letters of reference marked thereon.

*a* is the stamp, with the post-mark, or whatsoever is desired to be printed, carved thereon, or type of the same material inserted therein, and should be composed of copper or some other ready conductor of heat, and may be made single or double, or any desired form.

*b* is a lever, by which the stamp *a* can be moved backward and forward.

*k k* is a crooked wire, upon the end of which is fastened the stamp *a*, and is connected with the lever *b*, by means of the bar *i*.

*l* is a spring, coiled around and fastened to the bar *i*, in order to hold the lever *b* to its place.

When at rest, *k k* rests upon the pin *d*, as denoted by the dotted lines.

*e e* is a lamp, of form and construction similar to lamps in common use, excepting that the chimney is of metal.

*h h* is the oil-reservoir, as in ordinary lamps.

*j j j* is a platform upon which the machine is fastened.

*c* and *f* are apertures, through which *a* and *k k* work.

*g* is a spring to close the aperture *f*, when the stamp *a* is inside of the chimney.

In the drawing, purple denotes wood; orange denotes copper; and yellow denotes brass.

The manner of operating the machine is as follows:

The lamp is lighted, and the machine left at rest, with *k k* resting upon *d*, the aperture *f* closed by spring *g*, until the stamp becomes sufficiently hot.

The letter to be post-marked, the stamp to be cancelled, or the paper to be printed, is laid upon the platform *j*, at the point *m*, and the stamp *a* is darted through the aperture *f* by drawing down the lever *b*, the stamp moving as denoted by the dotted lines, and pressed upon the object to be printed, and the impression is burnt into the letter or other object to be printed.

The spring *l* draws the stamp back again into the chimney over the blaze of the lamp.

We disclaim the invention of the lamp as original.

What we claim as our invention, and desire to secure by Letters Patent, is—

The device herein described and set forth, consisting of the lamp *e*, the stamp *a*, actuating-lever *b*, with suitable base *j*, arranged substantially and to operate as described and set forth for the purposes specified.

W. C. GARRETSON.  
ELLWOOD DRAPER.

Witnesses:

JOHN F. LUCEY,

W. E. SHEPHERD.