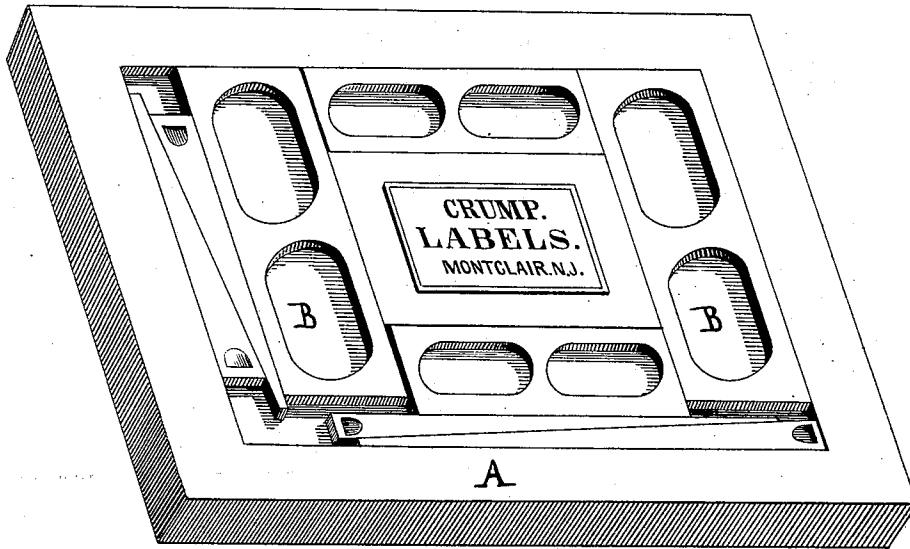


S. CRUMP.  
Printer's Chase.

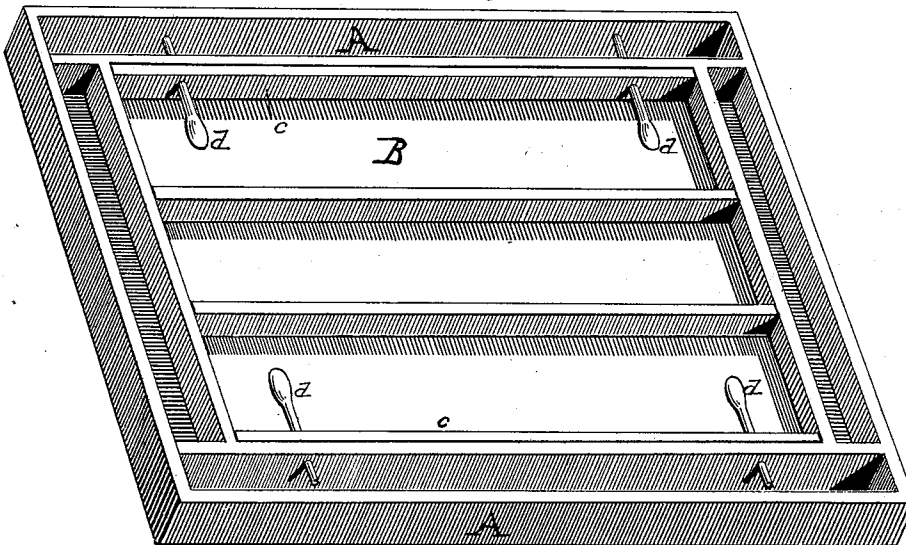
No. 206,541.

Patented July 30, 1878.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*Geo. E. Conroy*  
*Joseph H. Newton*

*Samuel Crump.*  
*By his attorneys,*  
*Cox and Cox*

# UNITED STATES PATENT OFFICE.

SAMUEL CRUMP, OF MONT CLAIR, NEW JERSEY.

## IMPROVEMENT IN PRINTERS' CHASES.

Specification forming part of Letters Patent No. **206,541**, dated July 30, 1878; application filed May 18, 1878.

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

Be it known that I, SAMUEL CRUMP, of Mont Clair, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Printers' Chases, of which the following is a specification, reference being had to the accompanying drawings.

The invention relates to printer's chases, and is especially designed to obviate the inconveniences that are incident to the blocking of stereotype and electrotpe plates.

It consists in the employment of an ordinary chase, in connection with a removable bottom, arranged to fill the interior of the chase. The upper surface of the bottom is smooth, and the plate is secured to it by means of furniture and wedges, or in any other convenient manner, the edges of the plate being rectangular, or otherwise constructed, to permit of the plate being suitably fastened in place.

The details of construction appear hereinafter.

In the accompanying drawings, Figure 1 is a perspective view of the upper side of a device embodying the invention. Fig. 2 is a similar view, showing the under side of the same device.

A is a chase of ordinary construction. B is a bottom, which I make removable. The upper surface of the bottom B is even, and occupies a plane sufficiently below the plane of the upper surface of the chase to accommodate the plate and to permit the insertion of

the proper wedges and furniture in locking up the form, as indicated with sufficient clearness in Fig. 1.

In Fig. 2 I show a movable bottom, B, which is cast or made with the rectangular edges *c*, and secured in place by means of the pins *d*, that are passed through coincident apertures provided in the edge of the bottom and chase, as shown in said Fig. 2.

In practice, I construct the plate with rectangular edges, and secure it in place by means of furniture and wedges, as hereinbefore set forth, and as shown in Fig. 1, or in any other way. The usual manipulation, too, is resorted to in raising the printing-surface of the plate, which will be effected by ways and means understood by all who are skilled in the art to which the invention pertains, and which need not be here set forth.

I do not limit my claim to a bottom of any particular kind; but

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

A printer's chase having a removable bottom, substantially as set forth.

In testimony that I claim the foregoing improvement in printers' chases, as above described, I have hereunto set my hand this 15th day of May, 1878.

SAML. CRUMP.

Witnesses:

N. S. COLMAN,  
J. E. HINDS.