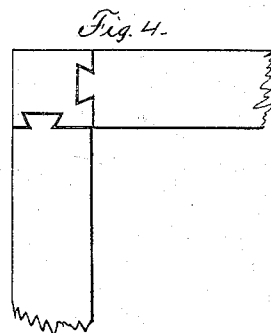
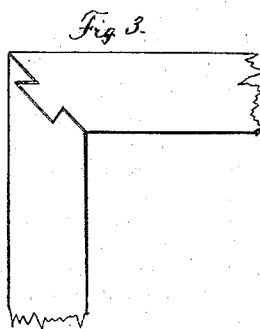
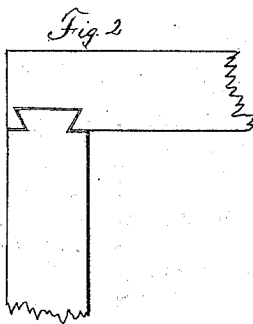
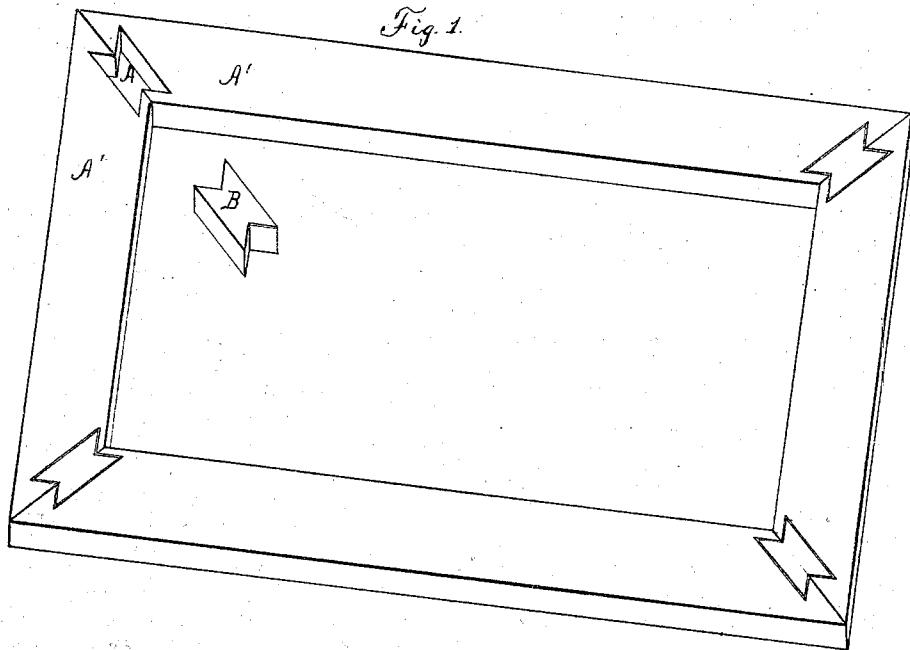


J. F. UHLHORN.
Printers' Chases.

No. 147,805.

Patented Feb. 24, 1874.



Witnesses

Wm. M. Smith
J. H. Hester

Inventor

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Attys

UNITED STATES PATENT OFFICE.

JOHN F. UHLHORN, OF SACRAMENTO, CALIFORNIA.

IMPROVEMENT IN PRINTERS' CHASES.

Specification forming part of Letters Patent No. 147,805, dated February 24, 1874; application filed May 26, 1873.

To all whom it may concern:

Be it known that I, JOHN F. UHLHORN, of Sacramento, in the county of Sacramento and State of California, have invented a certain new and useful Improvement in Printers' Chases, of which the following is a full, clear, and exact description, reference being had to the annexed drawing forming a part of the same, and in which—

Figure 1 represents a chase for printing purposes, a portion of which is broken away, showing the application of my improvement thereto. Figs. 2, 3, and 4 show variations thereof.

This invention relates to an improvement in printers' chases; and it consists of such a chase composed of four or more parts, united by constructing the said parts with dovetail grooves or recesses, and by the employment of keys of such construction as to conform to the shape of the mortises or orifices produced by the bringing together of the grooves or recesses cut in the ends of the said parts of the chase, substantially as hereinafter more fully set forth.

To enable others to make and use my invention, I will proceed to describe it.

In the drawing, Fig. 1, A A refer to dovetail mortises or grooves cut in the ends of the component parts A' A' of the chase. B refers to the key used in locking the parts of the chase together. For this purpose it, the key, is constructed, in the main, of an oblong or rectangular shape, and with V-shaped recesses formed in its ends, as through this construction it is rendered conformable to the shape of the orifice formed by the combination of the dovetail grooves A A, or any two of such grooves, in the ends of the parts of the chase,

the size of the key of course being less than that of the orifice to receive it.

Variations of this principle of locking the parts of the chase together are shown in Figs. 2, 3, and 4.

The advantages arising from this mode of making printers' chases may be enumerated as follows: The saving of time, labor, &c., heretofore consumed in locking up the ordinary chase, which is made in one piece, and which, for instance, to hold a narrow row or column of type, as a "heading" or the like, requires the use of a great amount of "furniture" or wedging material. Mine being made in four or more parts, which can be made in any desired dimensions or lengths to suit the size of the matter to be locked up, and readily united by the keys, as above set forth, also possesses the additional advantage of being taken apart when not in use, and put away, so as to occupy less space, &c.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A printer's chase, consisting of four separate straight bars, joined together at right angles to one another, so that either the end or side pieces can be removed and others substituted in their stead, as and for the purpose specified.

In testimony whereof I have hereunto signed my name this 30th day of August, 1873, in presence of two subscribing witnesses.

JOHN FREDERICK UHLHORN.

Witnesses:

GEO. M. MOTT,
H. S. CROCKER.