

T. RICHARDS.
Numbering Printing-Plates.

No. 165,871.

Patented July 20, 1875

Fig. 1.

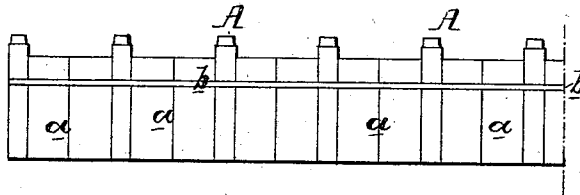


Fig. 2.

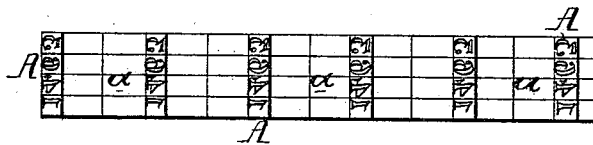


Fig. 3.

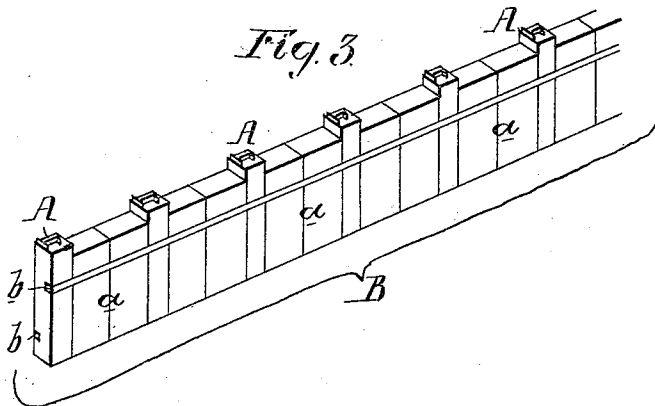
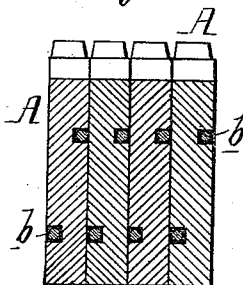


Fig. 4.



Witnesses,
Harry Smith
Hubert Howson

Thomas Richards
by his Attorneys,
Howson & Co.

UNITED STATES PATENT OFFICE.

THOMAS RICHARDS, OF SIDNEY, AUSTRALIA.

IMPROVEMENT IN NUMBERING PRINTING-PLATES.

Specification forming part of Letters Patent No. **165,871**, dated July 20, 1875; application filed May 25, 1875.

To all whom it may concern:

Be it known that I, THOMAS RICHARDS, of Sydney, New South Wales, Australia, have invented certain Improvements in Numbering Printing-Plates, of which the following is a specification:

The object of my invention is to rapidly and effectually print the numbers upon coupons, checks, &c., and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing, in which—

Figure 1 is a side view of a printing-plate which I employ in carrying out my invention; Fig. 2, a plan view of the same; Fig. 3, a perspective view, showing the method of constructing one of the bars composing the plate; Fig. 4, an enlarged sectional view, showing a number of the bars secured together.

It has been the practice heretofore to number each coupon of a series separately, either by a hand-stamp or a numbering-machine, a tedious and costly plan, which I obviate by printing the numbers upon the whole series of coupons at one operation, and for this purpose I employ the device which is shown in the drawing, and which I will now proceed to describe.

A number of ordinary printing-types, A, are arranged at a proper distance apart, and the spaces between them being fitted with blocks *a*, the types and blocks being grooved for the reception of rods or wires *b*, which are soldered or otherwise secured in the

grooves, thereby converting the alternate types and blocks into a continuous bar, B. Any desired number of these bars, carrying the proper figures, are then combined together, as shown in Figs. 2 and 4, and are set up in a form, which can be used in a printing-press in the usual manner. It will be understood that any of the bars B composing the plate can be readily removed and replaced by others, when the numbers have to be changed. It will be evident that when a large number of coupons are attached to a bond, all having to be numbered alike, the numbering can be effected much more rapidly and accurately with a printing-plate composed of bars, in the manner above described, and capable of numbering the whole series at once in an ordinary printing-press, than when the numbers have to be printed upon each coupon separately.

I claim as my invention—

A printing-plate for numbering coupons, &c., consisting of one or more bars, B, each composed of types A and blocks *a*, arranged alternately, and secured together by means of longitudinal rods *b*, adapted to recesses formed in the sides of said types and blocks, as herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS RICHARDS.

Witnesses:

JOHN MUSSON,

HERBERT SALEVEY.