

T. RICHARDS.
Numbering Printing-Plates.

No. 165,871.

Patented July 20, 1875

Fig. 1.

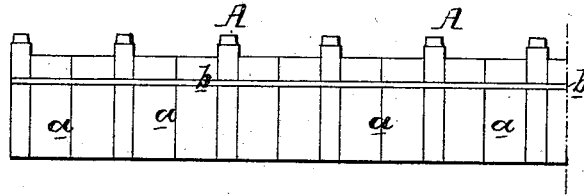


Fig. 2.

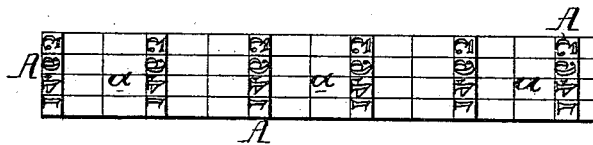


Fig. 3.

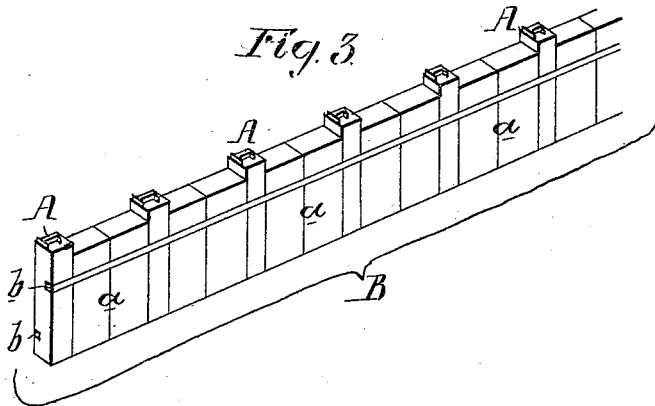
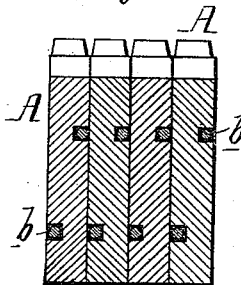


Fig. 4.



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.