

(No Model.)

J. T. EDSON.
Printer's Type Case.

No. 231,289.

Patented Aug. 17, 1880.

Fig. 1.

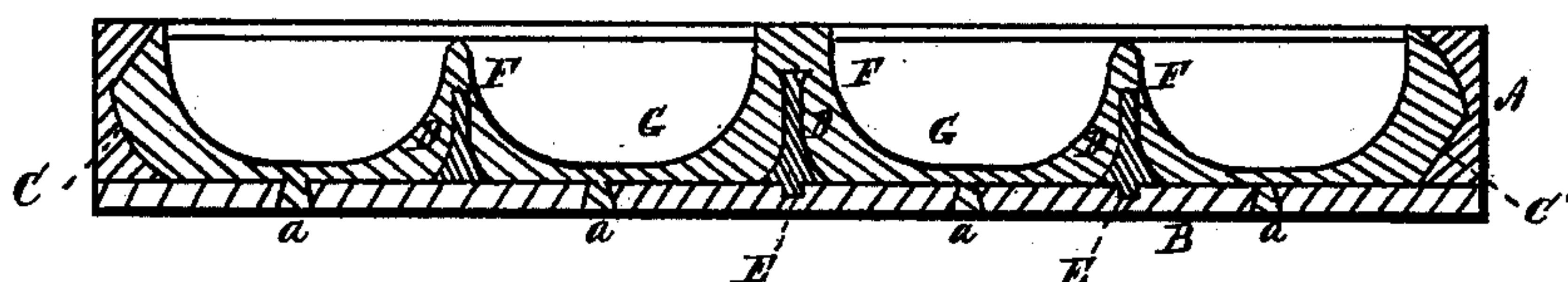
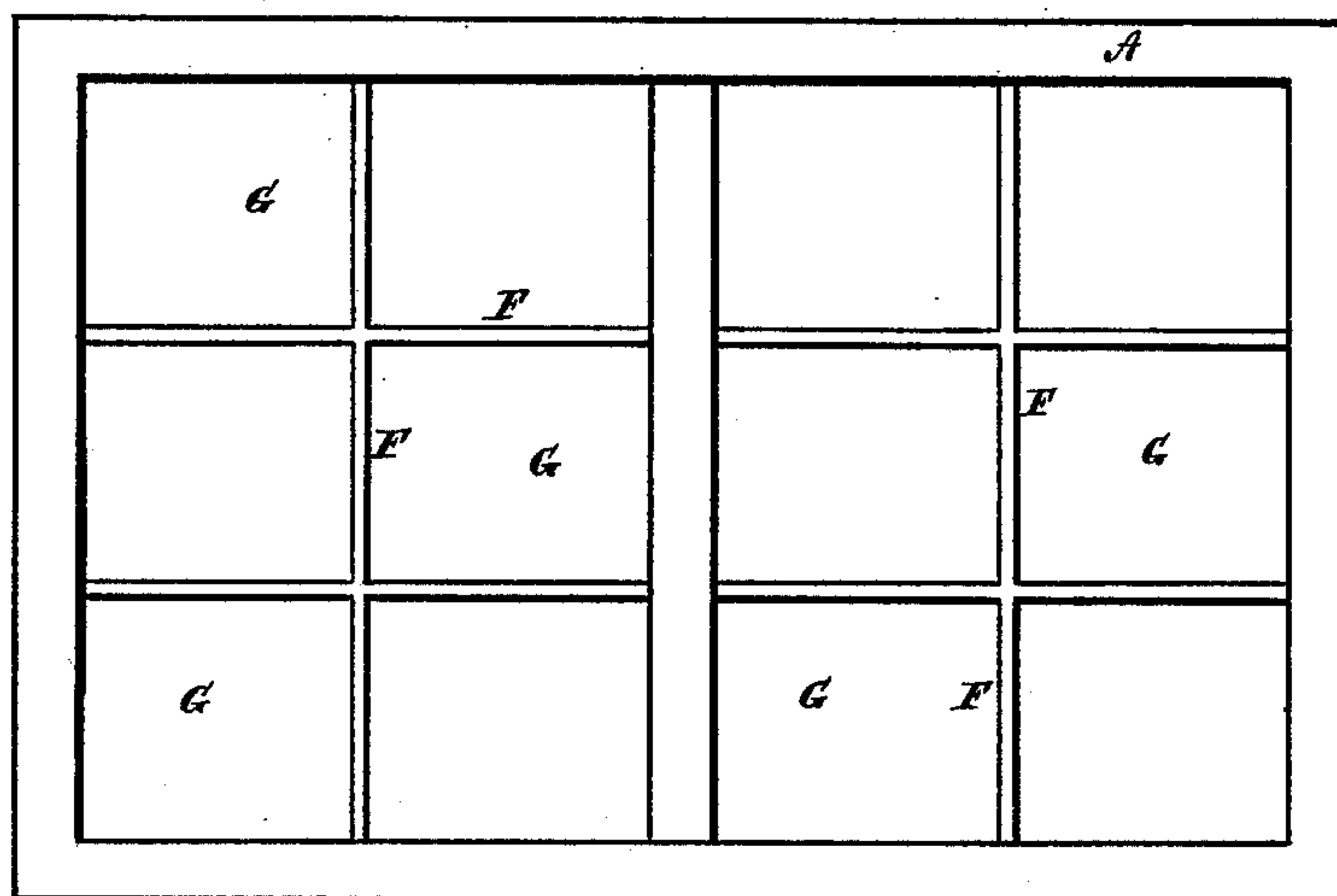


Fig. 2.



Witnesses.

J. H. Burridge
Edward Kelly

Inventor.

Julius T. Edson
Wm. H. Burridge
Atty.

UNITED STATES PATENT OFFICE.

JULIUS T. EDSON, OF CLEVELAND, OHIO.

PRINTER'S TYPE-CASE.

SPECIFICATION forming part of Letters Patent No. 231,289, dated August 17, 1880.

Application filed June 14, 1880. (No model.)

To all whom it may concern :

Be it known that I, JULIUS T. EDSON, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful
5 Improvements in Printers' Type - Cases, of which the following is a description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a vertical section of the
10 type-case. Fig. 2 is a plan view.

Like letters of reference refer to like parts in the views presented.

The purpose of this invention is to produce a light and durable type-case by making the
15 compartments of said case of papier-maché and re-enforcing the partitions of the compartments with stays molded in said partitions, and surrounding the entire case of papier-maché with a frame of wood, and also cover-
20 ing the bottom thereof with wood, thereby making the type-case a combination of papier-maché and wood, as herein more fully described, and illustrated by the drawings, the invention being an improvement of a type-
25 case for which a patent was granted to me June 1, 1880, No. 228,251.

The patented type-case alluded to was made of papier-maché, with the exception of the bottom, which was of wood. The sides were
30 not protected and re-enforced by a wooden frame, and were therefore liable to break on being handled when full of type, though much lighter and more durable than the ordinary wooden case, which, by frequent handling
35 when full of type, would split and break away at the joints of the partitions, causing the types to pass from one compartment to another, hence making trouble for the compositor by a confusion of types.

40 In this my present type-case I first prepare a wooden frame, A, of the proper size for a case, and provide it with a bottom, B. Along the inner sides of the frame is formed a groove, as seen at C and C', or a modification thereof.
45 The particular shape of the groove, however, is not material, so that it is of considerable depth, nor is it essential that one groove only be made, as more may be used by having them smaller.

Transversely across the frame, in the line of 50 the partitions, which are more or less in number according to the number and size of the compartments in the case, are arranged the braces D, which may simply stand upon the bottom B or be secured thereto by a tongue 55 and groove, as seen at E, or by other suitable means.

In the frame thus prepared is molded the paper-pulp forming the partitions F and compartments G. A few only are shown in the 60 drawings, but they may be of the number and size required in a type-case. The bottoms of the compartments are dishing and the sides slanting, in order to tend the type to the center of the compartments for the convenience 65 of picking them therefrom.

The purpose of the grooves in the inside of the frame is to prevent the papier-maché from coming out of the frame in the event it should become loose therein by shrinking of the frame 70 or otherwise.

The braces D referred to add to the strength of the partitions, but which, however, may be omitted when the papier-maché is inclosed in a frame, as above described. 75

In the bottom of the type-case are made more or less holes, which are filled with papier-maché when molding it in the frame for forming the compartments. The material filling the holes serves as dowels *a* for securing 80 the bottom and papier-maché together.

A type-case constructed as above described is not only much lighter than the ordinary wooden case, but it is more durable, as there are no partition-joints to break loose and open 85 by warping and shrinking of the case. Hence the type will remain in their respective compartments, from which they can be easily picked by virtue of the peculiar shape of the said compartments. The inside of the frame, 90 as above said, is provided with a groove or grooves. In lieu of such grooves the sides may be roughened for the purpose specified.

What I claim as my invention, and desire to secure by Letters Patent, is— 95

1. A type-case for printers, consisting of type-compartments molded of papier-maché, a frame-work of wood inclosing said compart-

ments, and a wooden bottom attached thereto, substantially as described, and for the purpose set forth.

2. A printer's type-case the compartments
5 of which consist of papier-maché inclosed in a frame of wood, having on the inner side thereof a groove or grooves to prevent said frame from becoming detached from the molded

compartments, substantially as herein described. 10

In testimony whereof I affix my signature in presence of two witnesses.

JULIUS T. EDSON.

Witnesses:

J. H. BURRIDGE,
EDWARD KELLS.