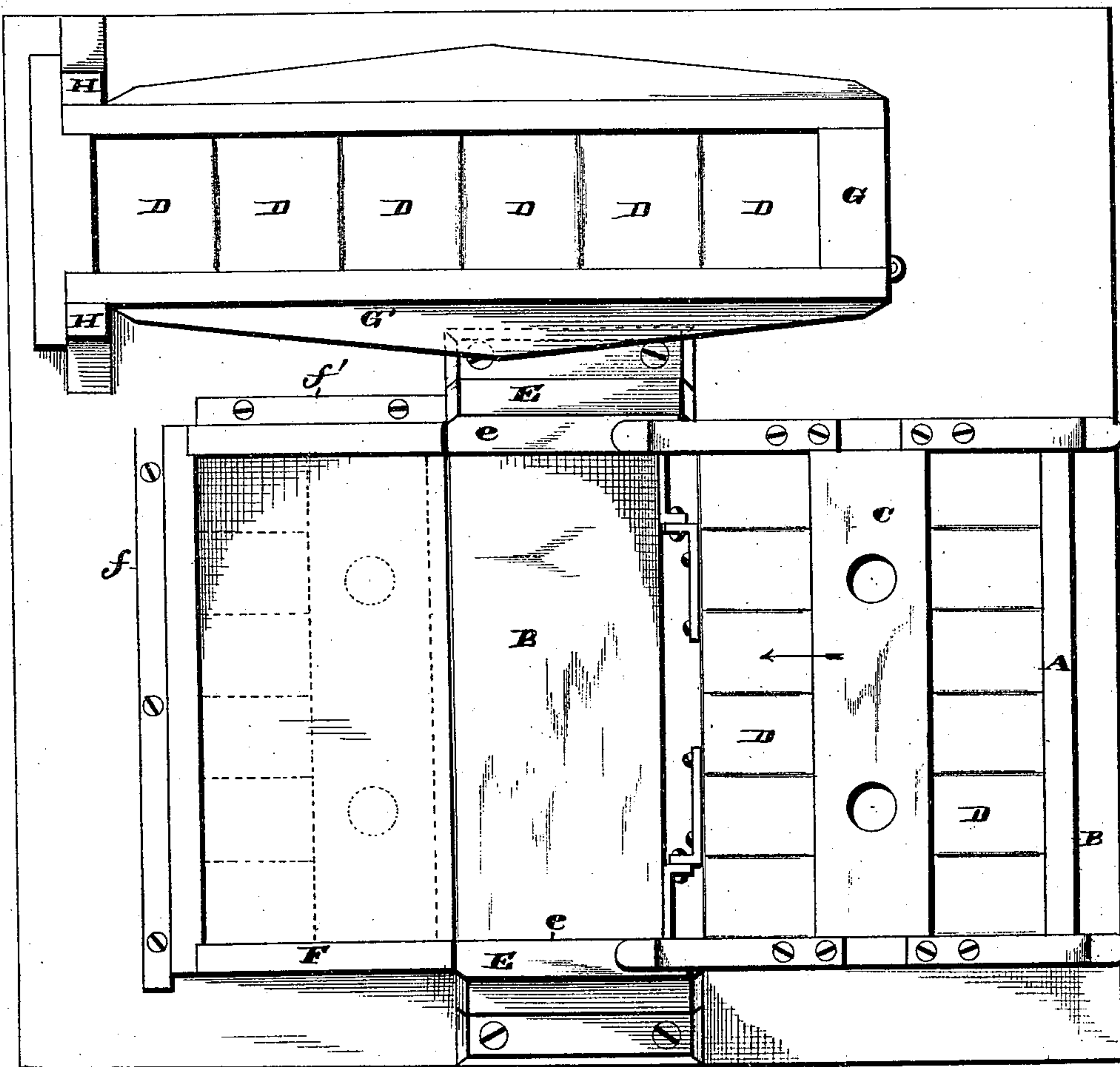


C. E. BOLTON.

Clamp for Holding Paper Boxes while Drying.
No. 230,855. Patented Aug. 10, 1880.

FIG. 1.

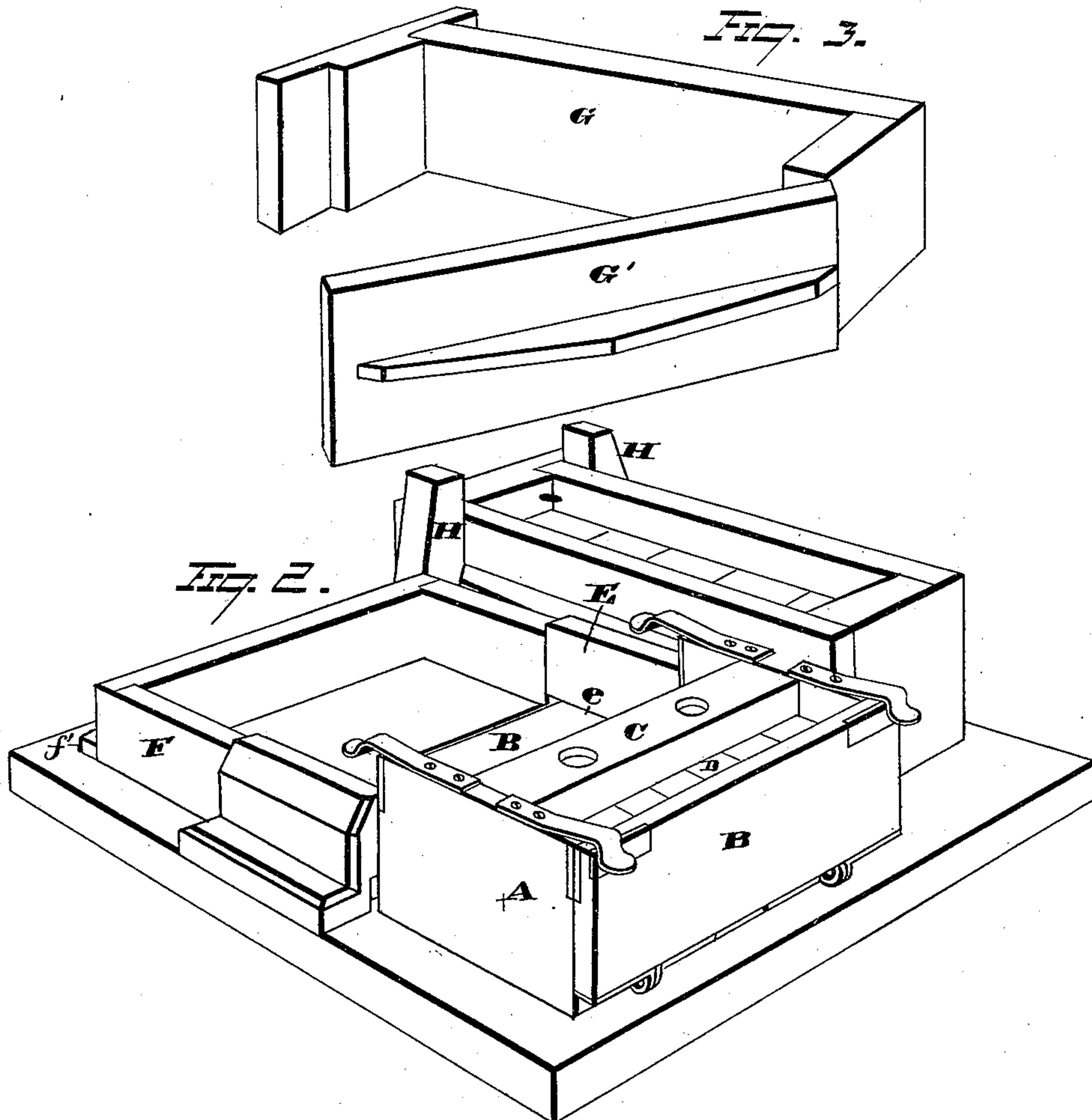


WITNESSES
E. J. Nottingham
A. M. Bright.

INVENTOR
Charles E. Bolton.
By Seagott & Seagott.
ATTORNEYS

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UNITED STATES PATENT OFFICE.

CHARLES E. BOLTON, OF CLEVELAND, OHIO.

CLAMP FOR HOLDING PAPER BOXES WHILE DRYING.

SPECIFICATION forming part of Letters Patent No. 230,855, dated August 10, 1880.

Application filed November 4, 1879.

To all whom it may concern:

Be it known that I, CHARLES E. BOLTON, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful
5 Improvements in Clamps for Holding Paper Boxes while Drying; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to clamps for holding paper boxes while drying; and it consists of
15 a drying-frame with a hinged side held closed by a clamping-frame and adapted to receive separate paper boxes and hold the ends closed until the adhesive material has set and dried, after which the drying-frame may be opened
20 and the boxes discharged by lifting the drying-frame out from its clamping-frame.

In the drawings, Figure 1 is a plan view of apparatus embodying my invention. Fig. 2 is a perspective view of same. Fig. 3 is a
25 separate view of the hinged drying-frame for holding the boxes until the pasted ends have dried.

G is an open drying-frame, and one of its sides, G', is hinged so as to open outward.

30 H is a clamping-frame of sufficient size to hold the side G' closed when the drying-frame G is in the clamping-frame.

When the boxes have been deposited in the false tray F they are there partially closed and
35 pasted by folding in properly the projecting lappels of the box and pasting them down. In

this condition, if immediately released, the lappels will open out slightly before the adhesive material has had time to set; and it is the object of the drying-frame G to hold the pasted
40 parts snugly until they have become sufficiently dried to hold fast. To this end the boxes, as rapidly as they are pasted and closed, are put into the open edge of the drying-frame G, and when sufficiently dried the drying-frame G
45 is lifted from the clamping-frame H, the side G' opened out, the boxes released, and the operation repeated.

It will be observed that I have described in this specification and shown in the drawings
50 an apparatus for handling paper boxes as they come from the box-filling machine. I desire to be understood, however, as not laying claim in this patent to said apparatus, and reserve the right to hereafter make an application for
55 patent thereon.

What I claim is—

The drying-frame G, with hinged side G', in combination with the clamping-frame H, whereby the pasted ends are held together
60 until set and the boxes subsequently released, substantially as described.

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

CHARLES EDWARD BOLTON.

Witnesses:

G. P. NICHOLSON,

J. WATE,

Clerks to Messrs. Scorer & Harris, Notaries Public, 17 Gracechurch Street, London, E. C.