

(No Model.)

2 Sheets—Sheet 1.

G. C. PARKER, Dec'd.

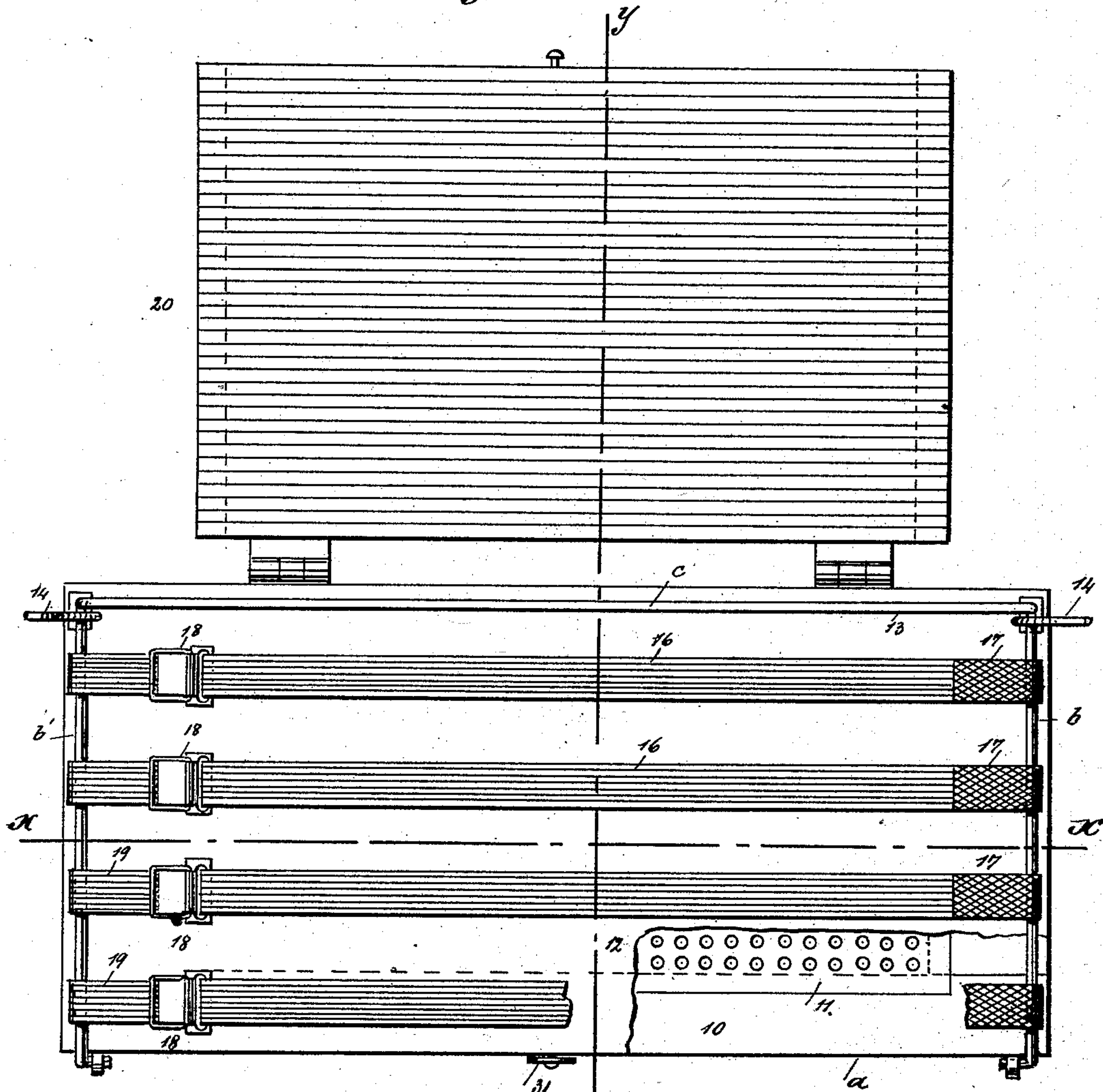
W. B. JONES, Administrator.

PLAITING MACHINE.

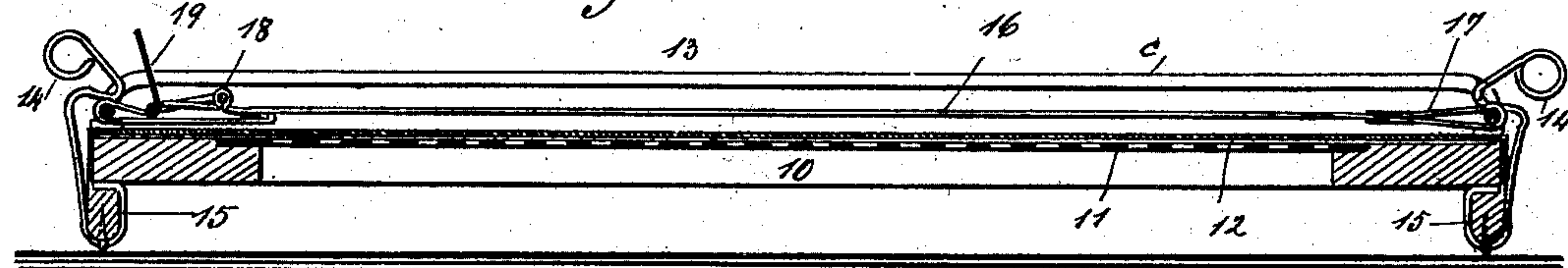
No. 409,974.

Patented Aug. 27, 1889.

*Fig: 1.*



*Fig: 2.*



WITNESSES:

*Chas. Vida*  
*E. Sedgwick*

*William B. Jones*  
*Administrator*  
*of the Estate of*  
*G. C. Parker*  
*deceased*  
*BY*

INVENTOR:

*G. C. Parker*  
*deceased*  
*Munn & Co*

ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

G. C. PARKER, Dec'd.  
W. B. JONES, Administrator.  
PLAITING MACHINE.

No. 409,974.

Patented Aug. 27, 1889.

Fig. 3.

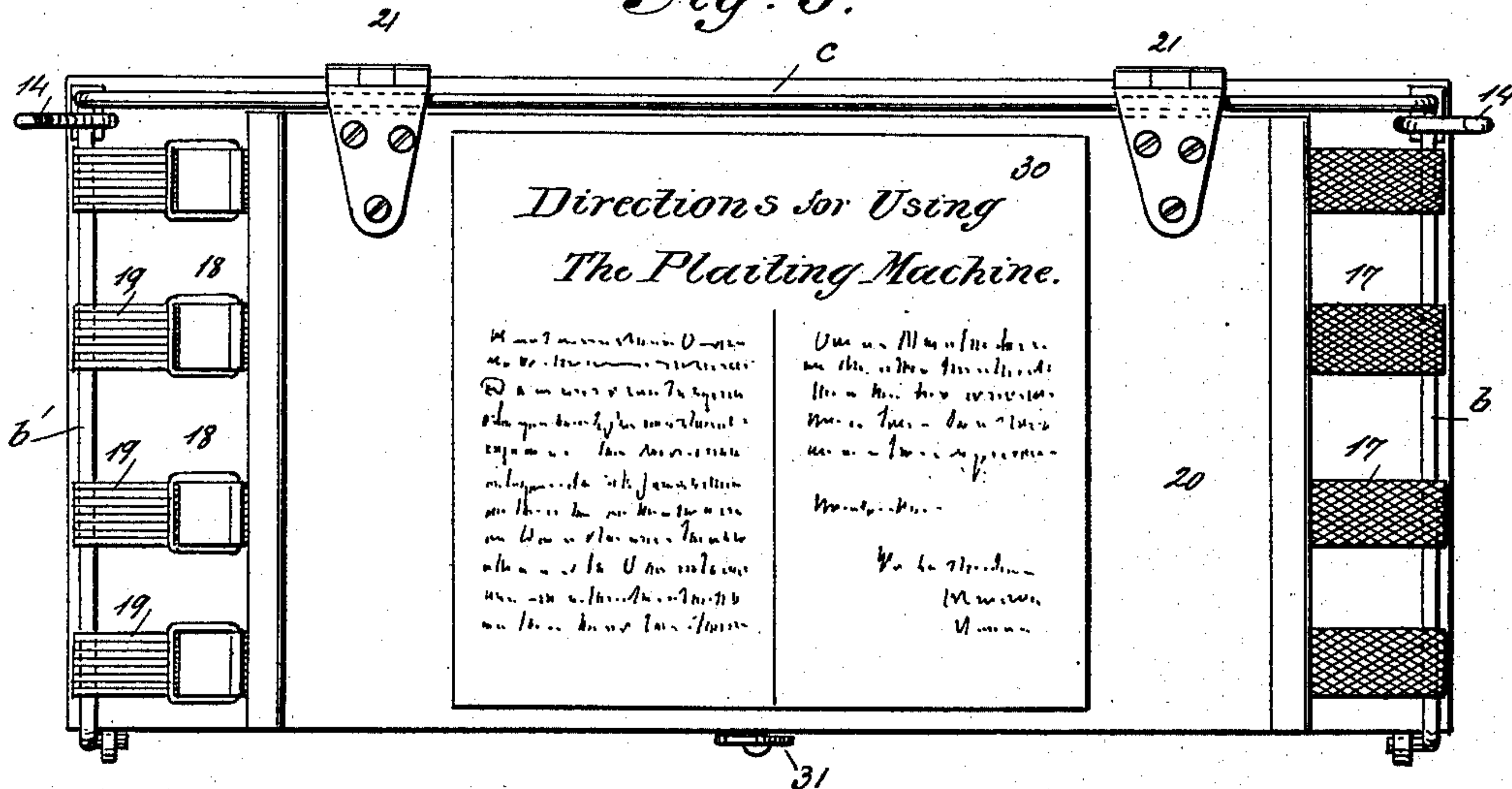


Fig. 4.

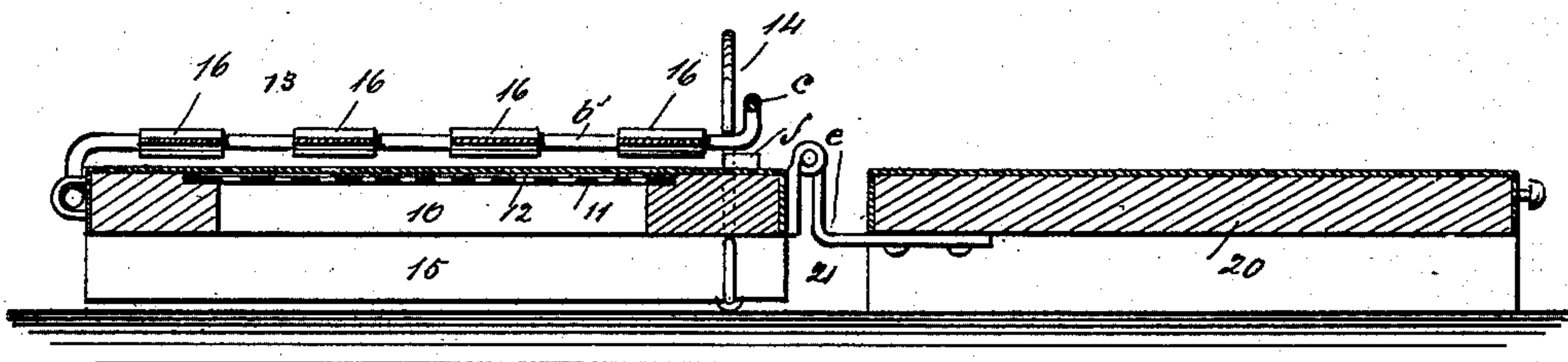
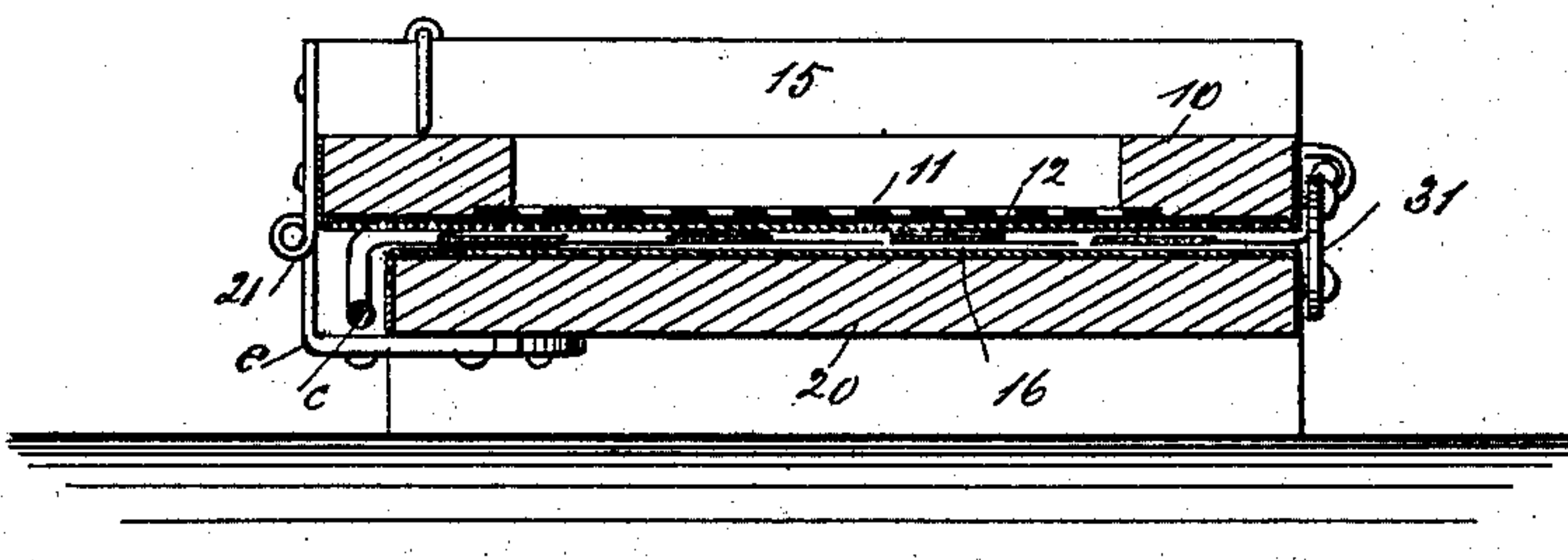


Fig. 5.



WITNESSES:

*Charles Vida*  
*C. Sedgwick*

*William B. Jones*  
Administrator  
of the Estate of

BY

INVENTOR:

*G. C. Parker deceased*

*Munn & Co*

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

WILLIAM B. JONES, ADMINISTRATOR OF GEORGE COURTS PARKER, DECEASED, OF PARIS, TENNESSEE.

## PLAITING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 409,974, dated August 27, 1889.

Application filed April 19, 1889. Serial No. 307,896. (No model.)

*To all whom it may concern:*

Be it known that GEORGE COURTS PARKER, deceased, late a resident of Paris, in the county of Henry and State of Tennessee, did invent a new and Improved Plaiting-Machine, of which the following is a full, clear, and exact description.

This invention relates to plaiting-machines of the class illustrated, described, and claimed in Letters Patent of the United States No. 359,810, granted on the 22d day of March, 1887, the object of the present invention being to improve the construction set forth in the specification of said patent.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the improved plaiting-machine, parts being broken away. Fig. 2 is a longitudinal sectional elevation on line  $x x$  of Fig. 1. Fig. 3 is an inverted plan view of the plaiting-machine, the same being represented after the two main parts of the plaiter have been folded together. Fig. 4 is a cross-sectional view on line  $y y$  of Fig. 1; and Fig. 5 is a cross-sectional view of the plaiter, the parts being represented as they appear when in position for pressing.

In the drawings, 10 represents an open frame, to which there is secured a perforated metallic sheet 11 and a textile facing-piece 12, said facing-piece being tacked or otherwise secured to the edges of the frame.

To the forward edge  $a$  of the frame 10 is hinged a metallic frame 13, that is made up of side lengths  $b b'$  and a longitudinal length  $c$ , the wire or metal strip from which the frame is made being bent at the extending ends of the side lengths  $b b'$ , so that the longitudinal length  $c$  will be somewhat removed from the upper face of the frame 10.

In order that the frame 13 may be held in the position in which it is shown in the drawings, spring-catches 14 are provided, that are each made from a single length of wire bent as shown, the spring-catches being held to the frame 10 by cross strips or rests 15, that are nailed or otherwise secured to the under side

of the frame, as best shown in Fig. 2. To the side length  $b$  of the frame 13 is connected a number of tapes 16, each tape being provided with an elastic section 17, a buckle 18, and a strap 19, the straps being arranged so that they may be passed about the length  $b'$  and brought into engagement with their buckles 18.

To the rear edge of the frame 10 is hinged an ironing-board 20, the hinge 21, by which said board is connected to the frame 10, being bent at  $e$  in a manner such that when the frame 10 is folded to overlap the ironing-board 20, as shown in Fig. 5, the longitudinal length  $c$  of the frame 13 will rest in the space between the hinge and the edge of the board.

Upon the back of the board 20 there is attached a card 30, upon which directions for using the plaiter are printed.

In operation, the material to be plaited is placed over the upper face of the fabric 12, the frame 13 at this time being thrown back, the two main sections of the plaiter being extended, as shown in Fig. 1. After the material has been placed over the plaiter, a two-bladed plaiting-knife of ordinary form is employed to turn the plaits beneath the tapes 16, and it is to allow for the turning of this plaiting-knife that the longitudinal length  $c$  of the frame 13 is raised, the frame itself resting upon stops or blocks  $f$  and being held in place during the operation of turning the plaits by the catches 14. After the plaits have been properly turned, the frame 10 is thrown over upon the upper face of the ironing-board 20, the plaits are moistened by passing a sponge over the then upper face of the perforated sheet 11, and the hot iron is passed over said sheet, thus setting the plaits, as will be readily understood. At the time the two main portions of the plaiter are adjusted to the position in which they are shown in Fig. 5, they are connected by a hook 31, arranged as clearly shown in the drawings.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a plaiter, the combination, with a frame 10, provided with a facing 12, of a frame 13, hinged to the frame 10, and formed with a bent-up longitudinal length  $c$ , and tapes car-



ried by the frame 13, substantially as described.

2. In a plaiter, the combination, with a frame 10, provided with a facing 12, of a frame 13, hinged to the frame 10, and formed with a bent-up longitudinal length *c*, and tapes provided with elastic sections and with buckles and straps, said tapes being carried by the frame 13, substantially as described.

10 3. In a plaiter, the combination, with a frame provided with a facing-sheet 12, of a frame 13, hinged thereto and provided with an upraised longitudinal strip *c*, spring-catches arranged to engage the frame 13, tapes carried  
15 by the frame 13, and an ironing-board hinged to the frame 10, substantially as described.

4. In a plaiter, the combination, with a frame provided with a facing-sheet 12, of a frame 13, hinged thereto and provided with an upraised longitudinal strip *c*, spring-catches arranged to engage the frame 13, tapes carried by the frame 13, an ironing-board, and hinges 21, that are bent, as at *e*, substantially as described.

WILLIAM B. JONES,  
*Administrator of the estate of George Courts  
Parker, deceased.*

Witnesses:

R. P. DIGGS,

T. R. HENDRICKS.