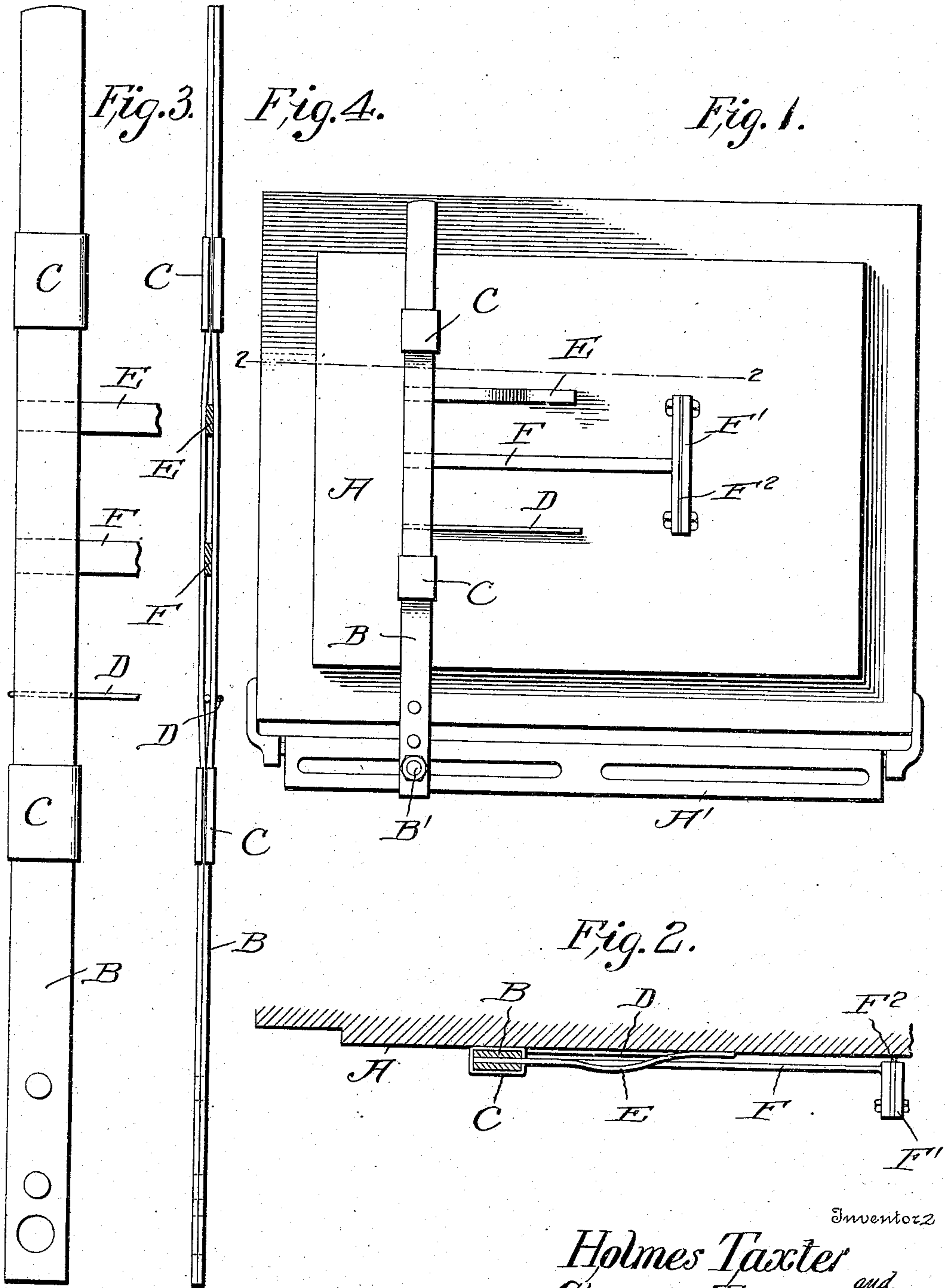


C. & H. TAXTER.
ATTACHMENT FOR PRINTING PRESSES.
APPLICATION FILED JULY 25, 1907.

930,632.

Patented Aug. 10, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

CLAUDE TAXTER AND HOLMES TAXTER, OF NORTH TARRYTOWN, NEW YORK.

ATTACHMENT FOR PRINTING-PRESSES.

No. 930,632.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed July 25, 1907. Serial No. 385,494.

To all whom it may concern:

Be it known that we, CLAUDE TAXTER and HOLMES TAXTER, both citizens of the United States, residing at North Tarrytown, in the county of Westchester and State of New York, have invented a new and useful Improvement in Attachments for Printing-Presses, of which the following is a specification.

10 This invention relates to improvements in grippers employed in connection with gripping bars and platens of printing presses.

The object of the invention is to provide a device of this kind which will hold the papers with any width of margin, which will carry a creasing or perforating rule, and which will also aid in properly adjusting the sheet when an exact register is necessary as in the case of two-color work.

20 The invention also consists of the novel features of construction, hereinafter fully described, and pointed out in the claims.

In the drawings forming a part of this specification:—Figure 1 is a plan view of the device shown in position for use. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is an enlarged plan view of a gripper. Fig. 4 is an edge view, partly in section of Fig. 3.

30 In these drawings A represents the platen of the press and A' the slotted gripper bar in common use.

Our device consists in a gripper B, formed of two pieces of steel spring riveted together at one end, and the gripper is secured to the gripper bar by a set-screw B', so that the gripper is adjustable along the gripper bar in the usual manner. The gripper B is provided with two spring steel bands C which may be slipped along the frame thereby forcing the members of the gripper together and clamping any article inserted between them. The gripper also carries a supplemental gripping finger D which is formed of wire and extends transversely to the gripper B. This finger is adapted to lie between the lines of type and is employed to hold the sheet in position upon the platen when a very narrow margin is employed or where

marginal notes are to be printed thereby making it impossible to hold the margins of the leaf by means of the grippers. The gripper also carries a sheet placer formed of a bar E also of spring steel and the free end portion of which is curved, the curve forming a bow portion upon the platen. As the gripper B comes into engagement with the platen this bow portion will contact and the bar be flattened out thus causing a certain longitudinal movement along the platen as the bar straightens which will slip the paper until its edge comes into contact with one of the stop pins inserted for that purpose. The gripper also carries an arm F which extends at right angles to the gripper and at its free end carries a clamp formed of two pieces of hard wood F' locked together by suitable set screws and between which is clamped a brass ruler F², which marks the creaser fold of the sheet.

It will be obvious that the gripper may be used on either the right or left hand side of the gripper bar. Also that the finger D placer bar E, and arm F are held between the members of the gripper B, being clamped in their adjusted position by the slidable hands C.

Having thus fully described our invention, what we claim as new and desire to secure by Letters Patent is,

1. The combination with a platen, of a gripper formed of two pieces of spring steel secured together adjacent one end, a gripper bar, a finger carried by the gripper, and spring bands slidable on the gripper and locking the finger between the pieces forming the gripper.

2. A device of the kind described comprising a two-part gripper, a gripping finger carried by and at right angles to the gripper, a curved spring bar carried by and at right angles to the gripper, an arm also carried by the gripper and arranged between the gripping finger and the spring bar, said arm carrying crease marking means and spring bands sliding on the gripper and holding the parts carried by the gripper between the parts forming said gripper.

3. A device of the kind described comprising a gripper bar, a gripper formed of two pieces of spring steel, said gripper being adjustable along the gripper bar, a fin-
5 ger, a placer, and a crease carrying device, said finger, placer and device being held loosely between the parts forming the gripper, and bands slidable on the gripper and

locking said parts in their adjusted position.

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