To all whom it may concern:

Be it known that we, HARRY S. ADAMS and CHARLES E. WILD, citizens of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Inkimg Attachments for Job Printing Presses, of which the following is a specification.

10 Our invention relates to job (or platen) printing presses, and more particularly to means for inking the roller of a job (or platen) printing press.

The object of the invention is to print in two different colors of ink at the same time and the invention consists of two independent inking-disks provided with mechanism for rotating said disks.

The construction of the invention and its novel features will be fully described hereinafter and defined in the appended claims, in connection with the accompanying drawing, which forms a part of this specification.

The drawing is a view in perspective of the under side of the inking-disks.

The reference-numeral 1 designates a plate provided on its under side with a depending pin 2, adapted to fit the socket on a job (or platen) press, which ordinarily receives the central pivot-pin of the usual inking-disk. In rear of the pin 2 a bracket 3 depends from the under surface of the plate 1.

4 and 5 designate arms projecting from the plate 1 on opposite sides of the pin 2. The inner ends of these arms are provided with clamping-brackets 6 and set-screws 7 to clamp the device to the press, and the outer ends of said arms are formed with sleeves 8, adapted to receive the central pivots 9 of the disks 10. Each of these disks 10 is provided on its under side with an annular depending flange 11, the edges of which are formed with inclined teeth 12.

To the rear side of the bracket 3 is secured a horizontal reciprocating bar 13, formed with an elongated slot 14, through which extend the securing-screws 15. From each end of the bar 13 projects a stud 16, to which is secured a pawl or dog 17. A coil-spring 18 is interposed between one of the studs 16 and the adjacent side of the bracket 3.

19 designates a bell-crank lever fulcrumed upon the bracket 3, the long arm of said lever being secured to a screw 20, projecting from the bar 13, while its short arm is formed with a curved finger 21, which extends through an opening 22 in the short arm of a second bell-crank lever 23, fulcrumed upon a bracket 24, secured to the arm of the plate. The long arm 25 of the lever 23 extends down and is bent at its lower end to adapt it to be struck by a suitable contact device secured to a moving part of the job (or platen) press.

The operation of the mechanism as thus described is as follows: The lever 25 when struck by the projection from the press oscillates the bell-crank lever 23, thus forcing the bar 13 to the left and imparting a partial rotation to the disks 10 by the contact thereof with the dogs 17. This movement of the bar 13 extends the spring 18, and as soon as the lever 25 is released the said spring retracts the bar 13 to its first position. It will be apparent that these two disks are adapted to receive different-colored ink and that with the proper roller attachments two colors may be imprinted at the same time from a single form of type, part of said form being inked from one of the disks and part from the other.

While the mechanism which we show and describe is operative and practical, other means may be resorted to for effecting a simultaneous step-by-step rotation of the disks. Hence we would have it understood that we reserve the right to make all such changes and modifications as may properly fall within the scope of the appended claims.

We claim—
1. The combination with a plate or support provided on its under side with a depending bracket; a reciprocating bar supported upon said bracket; a bell-crank lever fulcrumed on said bracket; a lever for actuating said bell-crank lever to reciprocate said bar; a retracting-spring for the bar; rotating disks each provided with an annular toothed ring; and dogs on said bar for actuating said disks.
2. The combination with a plate or support provided, upon its under surface, with a bracket; of a slotted bar; means for securing said bar to the bracket; a bell-crank lever fulcrumed on the bracket and engaging with the bar; a finger to said lever; a second lever
engaging said finger and adapted to reciprocate the bar; a retracting-spring connected to said bar and bracket; rotating disks mounted upon the plate or support; an annular toothed ring upon each disk; and a gravity-seated dog at each end of said bar for engagement with said disk-teeth.

3. The combination with a plate or support provided on its under surface with a depending bracket; of a slotted lever slidably mounted upon said bracket; a dog at each end of the bar; a retracting-spring connecting the bar and bracket; disks mounted upon the plate at opposite sides of the bracket; an annular ring upon each disk having teeth adapted to be engaged by one of said dogs; and means for operating said bar and disks.

4. The combination with a plate or support provided on its under surface with a bracket; of disks mounted upon said plate at opposite sides of the bracket; an annular ring upon each disk having teeth therein; a bar slidably mounted upon the bracket; a stud at each end thereof; a dog mounted upon each stud and adapted to engage with the teeth of a disk; a bell-crank lever engaging the bar; and an operating-lever engaging said bell-crank lever, whereby the bar is reciprocated and motion imparted to both disks.

In testimony whereof we affix our signatures in presence of two witnesses.

HARRY S. ADAMS.
CHARLES E. WILD.

Witnesses:
THOS. B. FOULKROD,
SAMUEL C. SHALLCROSS.