

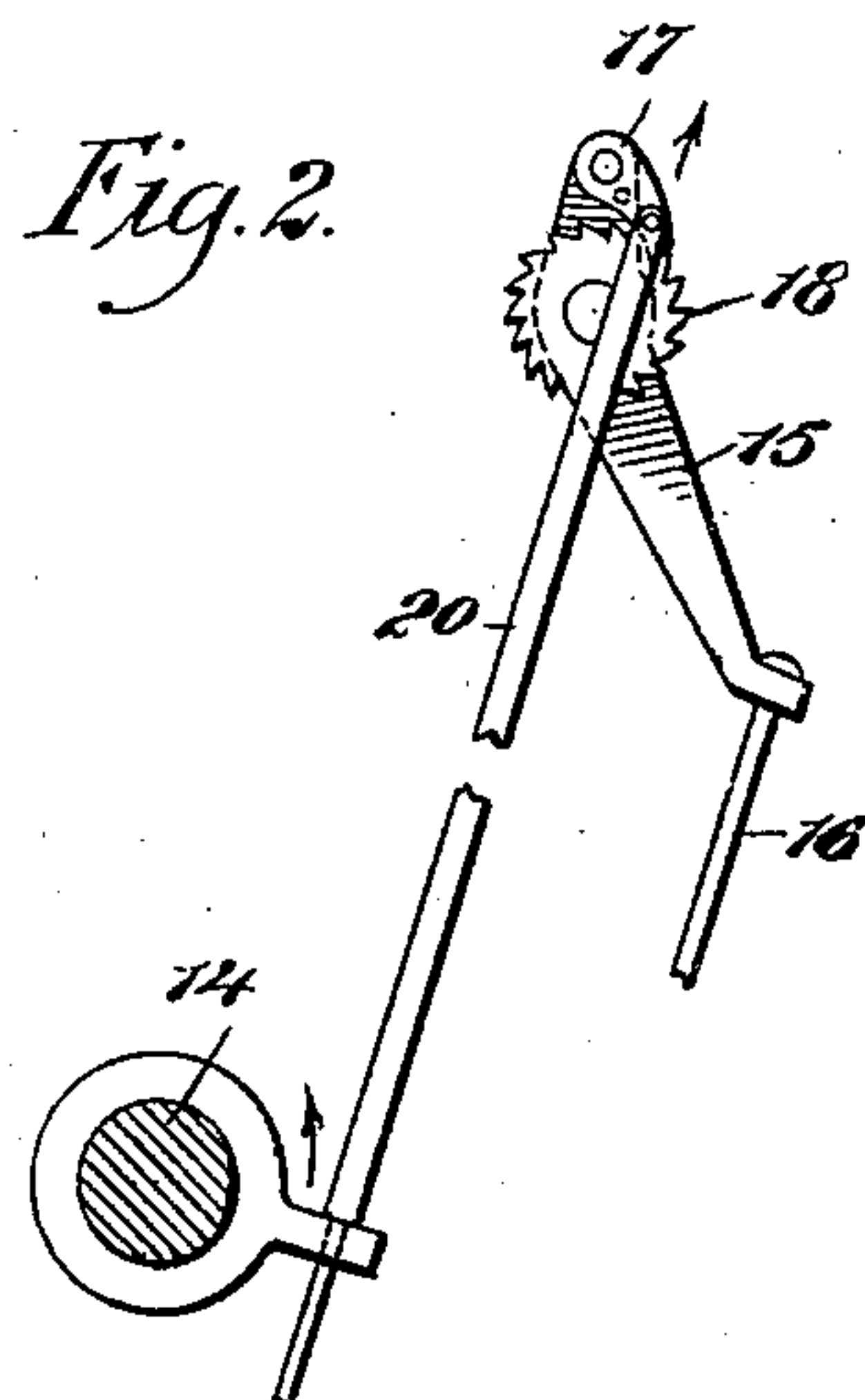
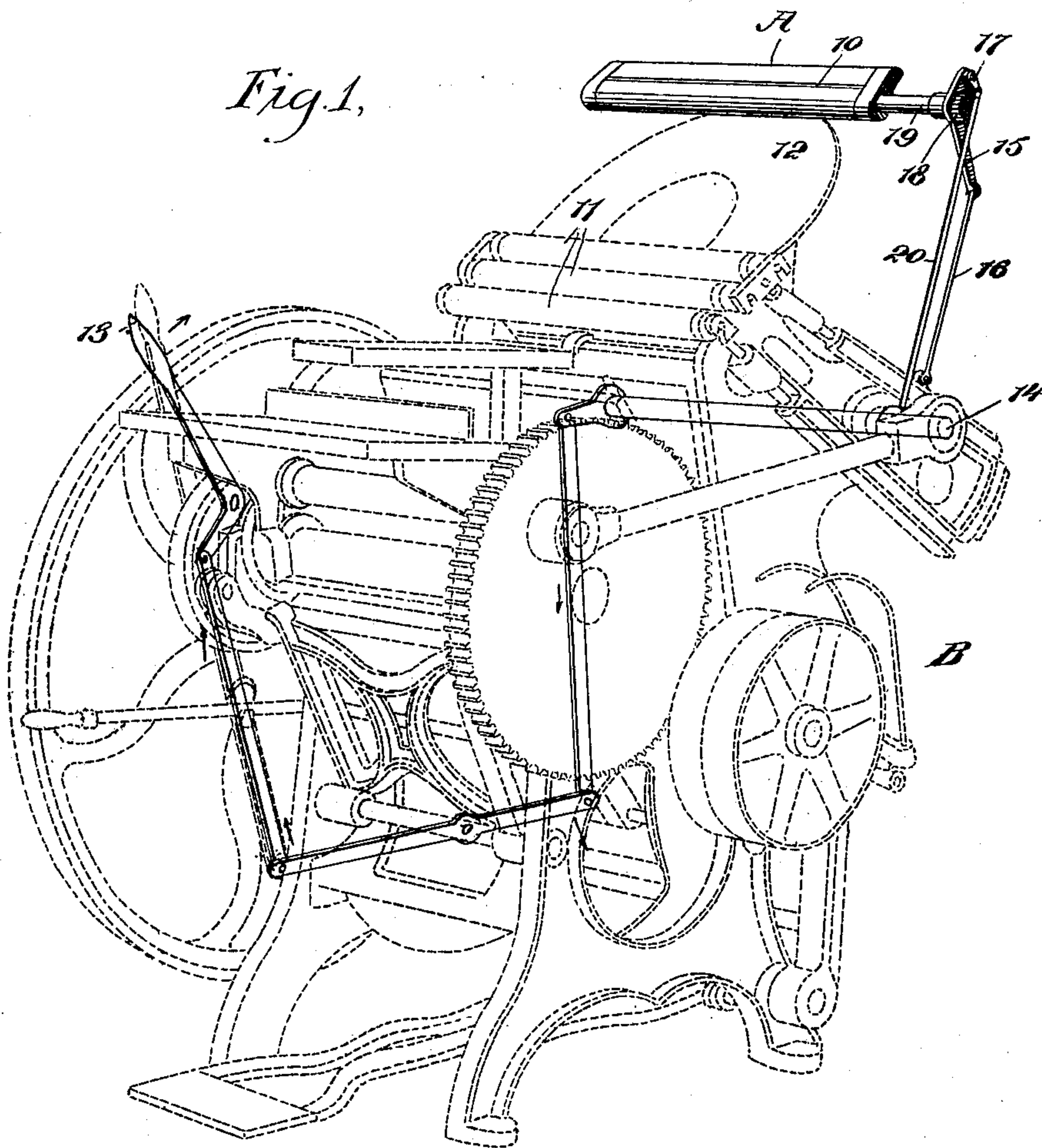
No. 682,951.

Patented Sept. 17, 1901.

R. NAUMANN.
DOG TRIP FOR PRINTING PRESSES.

(Application filed Dec. 26, 1900.)

(No Model.)



WITNESSES:

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ROBERT NAUMANN, OF NEW YORK, N. Y.

DOG-TRIP FOR PRINTING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 682,951, dated September 17, 1901.

Application filed December 26, 1900. Serial No. 41,046. (No model.)

To all whom it may concern:

Be it known that I, ROBERT NAUMANN, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Dog-Trip for Printing-Presses, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a dog-trip for printing-presses, particularly platen-presses, of such construction that the moment the impression is drawn off by operating the usual throw-off lever the supply of ink to the distributing-rollers operating over the platen will be immediately stopped, the ink-supply from the fountain being instantly set in operation when the throw-off lever is restored to its normal position.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

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

Figure 1 is a perspective view of a platen-press, illustrating the application of the improvement thereto; and Fig. 2 is a section through the shifting shaft of the press and a side elevation of the improved attachment.

A represents the ink-fountain of a platen-press, including a supply-roller 10. The press is provided with the usual distributing-rollers 11, which operate over the inking plate or disk 12, above which the fountain is placed. The usual throw-off lever 13 is employed, and when this lever is moved in one direction it causes a shifting shaft 14, common to platen-presses, to rock in the arc of a circle. The ink-supply roller 10 of the ink-fountain A is provided with a trunnion 19, which extends beyond one end of the said roller, as is shown in Fig. 1, and at the outer end of this trunnion 19 an arm 15 is loosely mounted, said arm being connected by a link 16 with the roller-carriage of the inking mechanism. A dog 17 is pivoted to the upper portion of the said arm 15, and this dog normally engages

with the teeth of a ratchet-wheel 18, secured upon the trunnion 19 of the supply-roller 10 of the ink-fountain, so that during the ordinary movement of the ink-distributing rollers in the process of printing the dog will periodically turn the roller 10 and cause said roller to supply ink in suitable quantity to the supply-rollers 11. A second link 20 is pivotally attached to the dog 17, and this link 20 is attached in any suitable or approved manner to the said shifting shaft 14. When the throw-off lever 13 is moved in a direction to throw off the impression, the link 20 will be moved upward and rearward and will carry the dog 17 from engagement with the ratchet-wheel 18, and the ink-distributing rollers 11 may then travel on the upper face of the disk 12, but will not receive any supply of ink from the roller 10 of the ink-fountain A, since the said roller will at such time remain idle; but as soon as the throw-off lever 13 is returned to its normal position the shifting shaft 14 will be lowered, and this downward and forward movement of the shifting shaft will cause the dog 17 to again engage with the ratchet-wheel 18, and the supply-roller of the ink-fountain will be again set in motion.

This attachment may be applied to any job or platen press having a shifting shaft 14 or an equivalent shaft, and the application may be made at but little expense and will effectually prevent a surplus amount of ink accumulating on the disk or ink-plate 12.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In platen-presses, the combination, with the inking-disk of the press, an ink-supply roller having an outwardly-extending trunnion, a shifting shaft, a throw-off lever connected with the shaft, and a roller-carriage for the inking mechanism, of a device for rotating the supply-roller of the ink-fountain controlled by the throw-off lever, which device consists of an arm loosely mounted upon the trunnion of the ink-supply roller, a link connecting the arm with the roller-carriage of the inking mechanism, a dog pivoted to the upper portion of the arm, a ratchet-wheel se-

cured upon the trunnion of the ink-supply
roller, a mechanism which connects the shift-
ing shaft with the ink-distributing rollers,
and a second link pivotally attached to the
5 dog and connected with the shifting shaft,
substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

ROBERT NAUMANN.

Witnesses:

ALBERT HALLHEIMER,
FRANCIS HALLHEIMER.