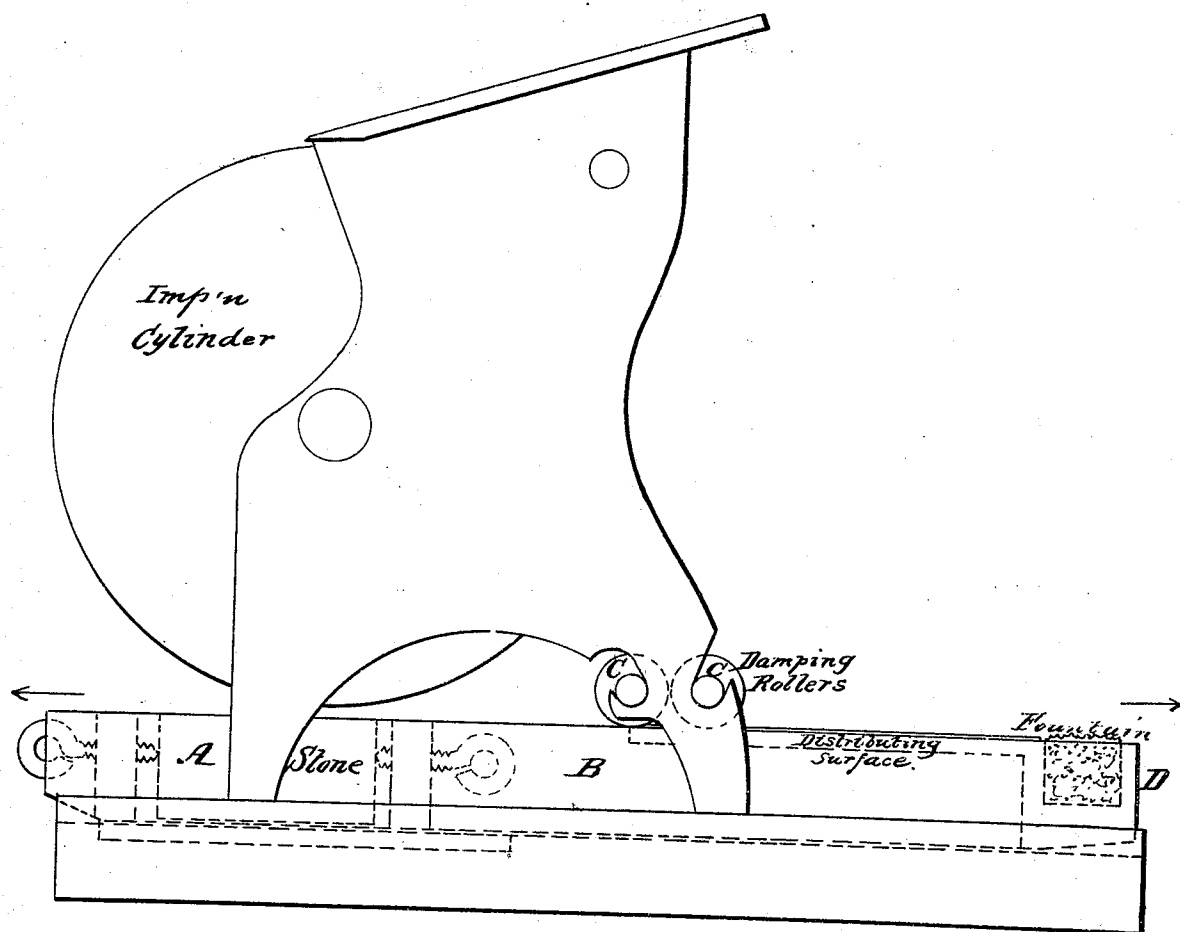


T. Hunter.
Damping Mach.

N^o 111,749. Patented Feb. 14, 1871.



Witnesses.

Wm R. Wright
George E. Buckley

Inventor.

T. Hunter

United States Patent Office.

THOMAS HUNTER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 111,749, dated February 14, 1871.

IMPROVEMENT IN LITHOGRAPHIC PRESSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS HUNTER, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Lithographic Presses; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable any person skilled in the art to which it appertains to make and use my invention, reference being had to the accompanying drawing which forms a part of this specification, and which is a side view of so much of a lithographic press as is necessary to show my invention.

A in the drawing represents the stone;

B, the distributing-table; and

C C, the damping-rollers by which the stone is moistened with water at each stroke, so as to prevent transmission of the ink to such parts of the stone as retain the water.

Heretofore, so far as I am aware, it has been necessary for the pressman to dampen the rollers by wetting the distributing-table at intervals of from ten to fifteen minutes during the operation of the press.

The object of my improvement is to replace this labor of the pressman by an automatic device; and

My improvement consists in the trough or fountain D, which is set in the reciprocating frame or bed-plate that carries the stone and distributing-table, and contains a sponge. This fountain is filled with water enough to saturate the sponge, and at each stroke of the press it passes under the damping-rollers and moistens them slightly.

The table distributes the moisture evenly on the rollers, and as the stone passes under them it receives the moisture.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The reciprocating damping-fountain D, operating as described.

THOS. HUNTER.

Witnesses:

WM. R. WRIGHT,

GEORGE E. BUCKLEY.