(12) **United States Patent**
Elliot

(10) **Patent No.: X1881**
(45) **Date of Patent: Feb. 17, 1813**

(54) **PRINTING PRESS, & INK DISTRIBUTOR**

(76) Inventor: **William Elliot**

1881X

William Elliot

Letters Patent: Dated 17th Feby 1813.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said William Elliot himself of his improvement in the printing press and mode of distributing ink on types

The press consists of a frame or table the top or face of it formed of one or more flat stones firmly fixed in the frame for supporting the forms or sheets of types. and may be made of sufficient length to receive one, two or more forms — The Tympans and friskets are made in the same way as in the common printing press and may be made to lift or open either on the sides or ends of the frame or table aforesaid. The impression is given by a roller of cast iron, brass or any other heavy substance either solid or hollow passing horizontally over the tympan and pressing it on the face of the types which are laid upon the stones forming the top of the frame or table. This roller is kept in a parallel direction by two iron ribs fixed on the top of the frame near the edge and filling into corresponding grooves near the ends of the roller and is moved by two endless ropes or bands passing round wheels on a winch fixed near the center of the frame over small wheels placed near to each end of the frame and round the wheels attached to each end of the roller and by turning the winch the roller is moved with ease either backwards or forwards or the roller may be moved by a moveable rack and pinion or by straps or by any other method that will carry it over the face of the types with a steady and equable motion

The improvement in beating or distributing the ink on the types consists in using one or two large balls suspended to the arm of a crane by a

Steel spring and chain by which the workman is enabled to use large balls and distribute the ink better with less labor or the ball or balls may be suspended by a rope or chain to a spring of wood or metal attached to the arm of a crane.

The mode of using this improvement is by passing the roller over the types instead of pressure by a screw and has the advantage of printing two forms or sheets in nearly the same time as one can be printed in the common way and produces a more perfect impression

Witnesses
Thos Haynes, N. Haynes

Wm Elliot
Patent Office

Received and Recorded agreeable from original Pat. Patent. October 19. 1853.