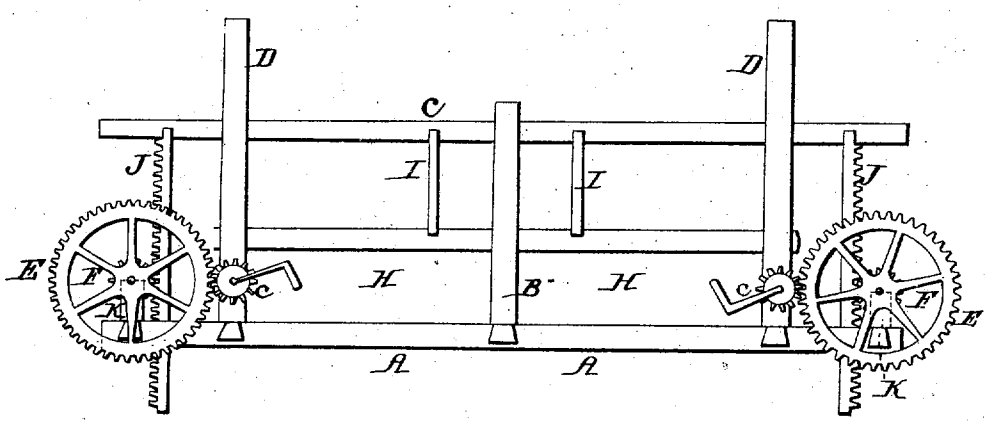
9085X

J. Payne,

Hay Press.

Patented Sep. 9 1835.



A.M. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

1003 X Sept 9 1835

Jonathan Payne Russellville Kentucky

Letters Patent.

The schedule referred to in these letters patent and making part of the same containing a description in the words of the said Jonathan Payne himself of his improvement in the Lever Press

To all to whom these presents shall come.

Be it known that I Jonathan Payne of Russellville in the county of Logan, and State of Kentucky, have invented a new and useful Lever Press and that the following is a full and exact description thereof together with a compleat drawing hereto subjoined and referred to marked Fig 3 the different parts and structure of of which is specifically set forth as follows, to wit

The bottom sill marked A. A. to be made of solid timber squared 24 by 20 inches measuring in length from 30 to 60 feet as the greater or less power desired may require B. represents 2 upright pieces hewn of solid timber 10 feet long 18 inches wide and six inches thick dovetailed one of each side of sill A. A. precisely in the centre of said sills and bolted with a strong iron pin through through said upright pieces being placed in said sills so as to preserve the space of 12 inches between them from top to bottom. Between and near the top of said upright pieces marked B. as aforesaid is suspended the main lever marked C on the drawing by an iron pin 3 inches in diameter and twenty four inches long, passed through the pieces B, and lever C, lever C from 30 to 50 feet in length and squared 18 by 12 inches Letters D represents 2 upright pieces placed at the distance of 14 feet from each end of sill A. A. of same width and thickness of pieces B. from 12 to 16 feet long, and dovetailed into sill A. A. at each end as aforesaid in said upright pieces B.

10803

designed to keep within its proper sphere of action lever G, the cog wheel C, in the drawing represents the large wheel measuring 7 feet in diameter in proportion to the scale of proportion given in the foregoing parts. and the cast iron wheel and nuts F, from 7 to 8 inches in diameter are hung upon an iron axle of two inches square fixed on two upright pieces of the same width as upright pieces B. & D, and 4 inches thick dovetailed into sills A. A, one foot from each end of said sills rising above said sills 16 inches and marked on the drawing K, said axle to be placed on said upright pieces K, so that the wheel or nut F shall run between said pieces K, and the large wheel C, on the outside of them the small cast iron wheel or nuts with a crank marked on the drawing C, are placed on iron axles iron cast through upright pieces D, which wheel or nut is to be inserted or placed as to fit with its cogs exactly into those of the wheel C. Middle levers H, are to be used for pressing flower manufactured Tobacco, and all descriptions of oil. These lever bars are fastened by a pin into and between upright pieces D, at a convenient height from sills A. A, and operated on by lever C, by means of an iron suspender made of two iron bars keyed one on each side of lever C and marked I on the drawing. The suspenders I, are cast iron racks with cogs fit into the cogs of wheels or nuts F. fastened by iron pins in the ends of lever C, and pressing when drawn down at their lower end, through sills at A. by C, is altogether sufficient for pressing Hogsheads of Tobacco or bailing cotton and there was small difference with the use of the upper levers H, This Machine is designed to be used in pressing tobacco bailing cotton and pressing oil made of all kinds of beans or seeds, as well as packing flower pressing cider and making manufactured chewing Tobacco.

Jonathan Payne

Witnesses
Thomas M. Smith
R. W. January

(Seal)

No. 13. The above Specification of this
Specification upon which a Patent

that it may be geared and operated at one end of the
lever or both as may be desired.

Jonathan Payne.

(Drawing)

(2 Sheets)