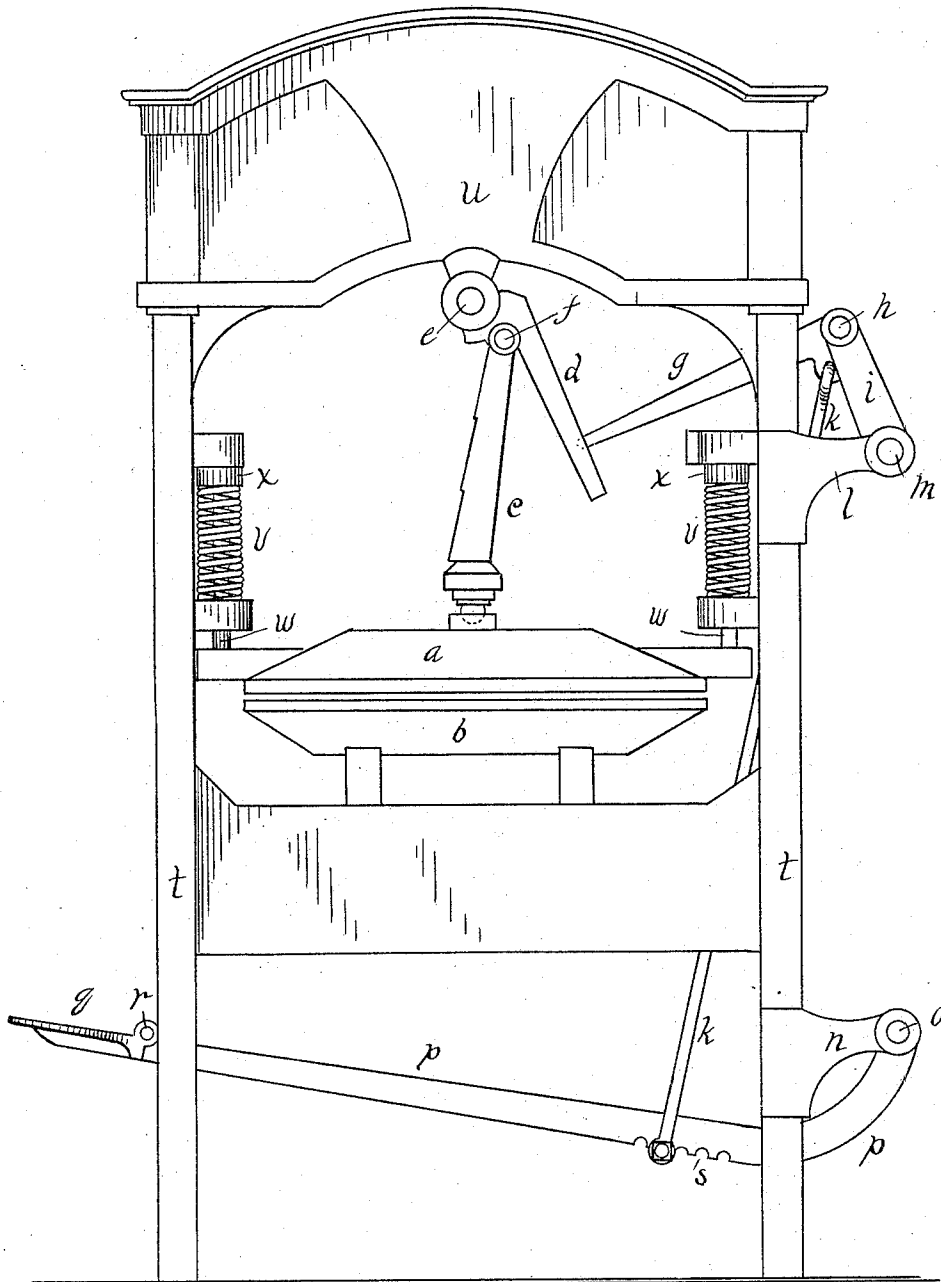


(No Model.)

G. W. COOK.  
ATTACHMENT FOR PRINTING PRESSES.

No. 431,224.

Patented July 1, 1890.



ATTEST

*Wm. H. Graham*  
*W. H. Graham*

INVENTOR.  
GEO. W. COOK  
By his attorney  
*L. P. Graham*

# UNITED STATES PATENT OFFICE.

GEORGE W. COOK, OF MACON, ILLINOIS.

## ATTACHMENT FOR PRINTING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 431,224, dated July 1, 1890.

Application filed February 19, 1890. Serial No. 341,071. (No model.)

### *To all whom it may concern:*

Be it known that I, GEORGE W. COOK, of Macon, in the county of Macon and State of Illinois, have invented an Attachment for  
5 Printing-Presses, of which the following is a specification.

It is the object to enable hand-presses to be operated by foot-power; and my invention consists in the details of construction and combinations of parts, hereinafter set forth  
10 and claimed.

In the drawing accompanying and forming a part of this specification, the platen of a press is shown at *a*, the bed at *b*, and the peculiar combination of lever and toggle joint  
15 common to such devices is shown at *c* and *d*. The member *d* is pivotally connected with the head *u* of the press-frame, as indicated at *e*, and member *c* is pivotally connected with  
20 member *d* at *f*. Bar *g* bears in the customary slot in member *d*, connects pivotally with arm *i*, and provides a point of connection for treadle-rod *k*. Bracket *l* is firmly secured to a leg or standard of the press-frame, and it  
25 provides a pivotal bearing for arm *i*. Bracket *n* provides a pivot for the treadle *p*, and is suitably secured to the press-frame. The treadle has the pedal *q* hinged at *r* in such manner that it may be turned up out of the  
30 way when not in use, and it also has the notches *s* in its under side. The pivot of the

treadle is shown at *o*, that of the arm *i* at *m*, and the pivotal connection of bar *i* with arm *g* is shown at *h*. The various movable parts are held in their shown position by springs *v*,  
35 which press against collars *x* on rods *w* and tend constantly to raise the platen. When foot-pressure is applied to the treadle, bar *g* and arm *i* are affected by rod *k*, the platen is  
40 pressed downward with constantly-increasing power, and an imprint is made with sufficient pressure to insure good results. The operation is made with ease and celerity, and there is no cumbrous mechanism over the platen to  
45 be actuated laboriously by hand.

I claim—

In combination with a printing-press of the class set forth, arm *i*, having a permanent pivot, bar *g*, pivotally connecting with the  
50 swinging end of arm *i* and bearing with its free end against the platen-actuating mechanism of the press, treadle *p*, and rod *k*, connecting the treadle with the junction of arm *i* and bar *g*, as set forth.

In testimony whereof I have signed my  
55 name in the presence of two subscribing witnesses.

GEORGE W. COOK.

Attest:

I. D. WALKER,  
L. P. GRAHAM.