

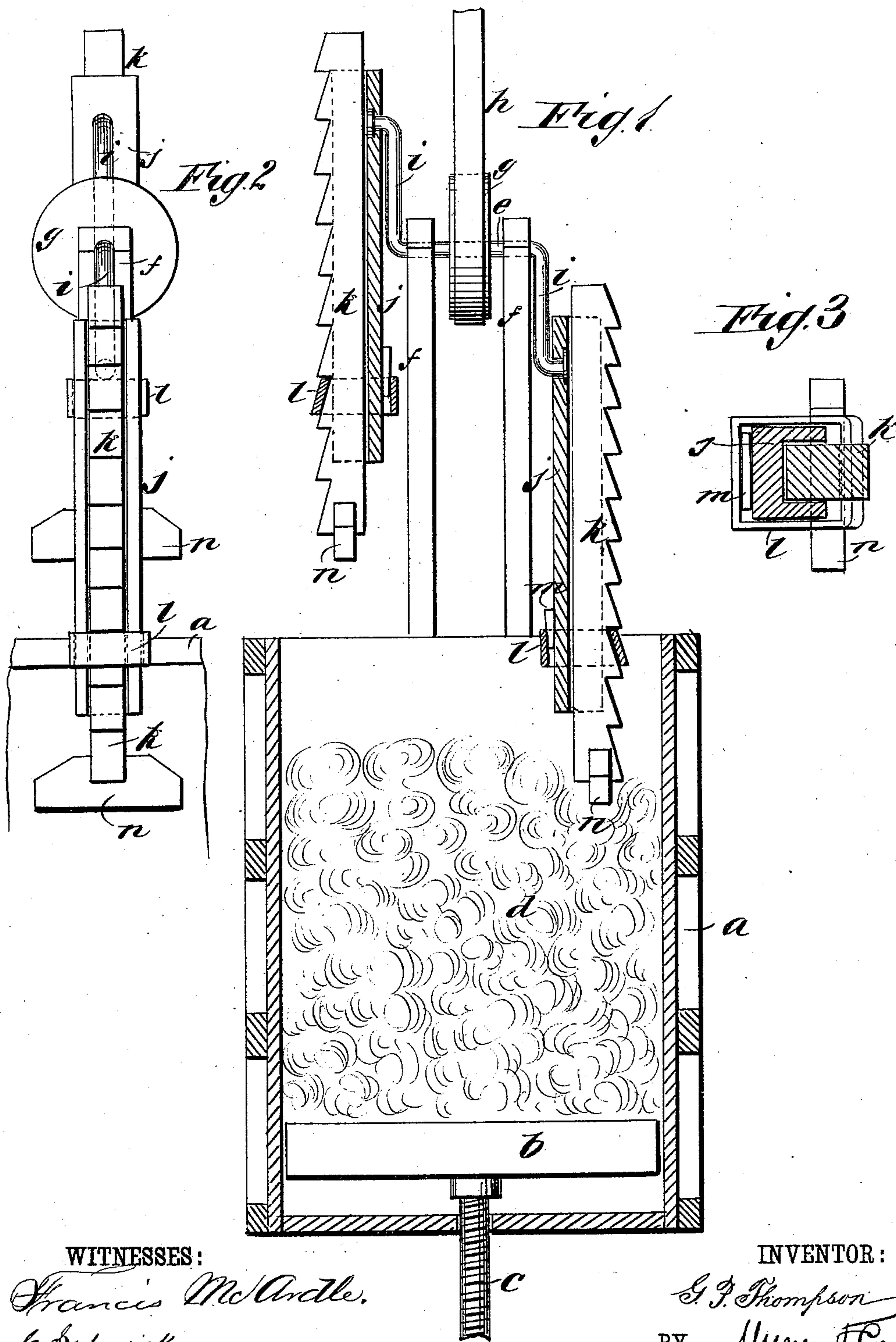
(No Model.)

G. P. THOMPSON.

TRAMPING ATTACHMENT FOR BALING PRESSES.

No. 300,163.

Patented June 10, 1884.



WITNESSES:

Francis McArdle.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

GEDEON PHILIP THOMPSON, OF CROWLEY'S STATION, TEXAS.

TRAMPING ATTACHMENT FOR BALING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 300,163, dated June 10, 1884.

Application filed April 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEDEON P. THOMPSON, of Crowley's Station, in the county of Tarrant and State of Texas, have invented a new and Improved Tramping Attachment for Baling-Presses, of which the following is a full, clear, and exact description.

My invention consists of a contrivance of trampers and a crank with power mechanism for working them, in a simple arrangement for beating in the cotton on the follower preparatory to closing the press and completing the pressing by the follower, the device being calculated to enable the bales of full size to be made in a smaller case, and with less range of movement of the follower and more economically than they can be made without the trumper, all as hereinafter fully described.

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

Figure 1 is a sectional elevation of a press-case and follower with my improved tramping attachment partly in section and partly in side elevation. Fig. 2 is a front elevation of one of the tramping-legs, and Fig. 3 is a cross-section of one of the tramping-legs.

Over a press-case, *a*, having the follower *b* at the bottom to be forced upward by a screw, *c*, or other means to press the cotton *d*, and said case being adapted to be opened at the top for tramping in the cotton, and closed when the follower is to be set in action, I arrange a crank-shaft, *e*, in any suitable supports, *f*, with a pulley, *g*, for driving it by a belt, *h*, said shaft having a crank, *i*, at each end with a tramping-leg suspended from each crank, said tramping-leg consisting of one grooved section, *j*, suspended from the crank, and the notched section *k*, fitted in the groove of section *j*, for being extended or shortened, according as the cotton is low or high in the press-case, said sections *k* being secured in the different positions by a band, *l*, and key *m*, said band and key being, together with the notches of the sections *k*, a ready means of fastening and unfastening the extension-legs.

Each leg has a foot, *n*, at the lower end of sufficient size to constitute an effectual beater. As the cotton accumulates in the case *a* the legs are shortened up, so that when the case is full the legs are in the shortest condition, which allows of shifting them away from over the top of the case to allow the cover to be put on preparatory to forcing up the follower. The cranks *i* are preferably set opposite to each other, so that one goes down when the other goes up, so as to balance the weight and steady the action.

The legs may be made of wood or metal, as preferred, and they may be weighted, if desired.

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

1. The combination, with a baling-press case, *a*, of a pair of tramping-legs suspended from a crank-shaft located over the case, substantially as described.

2. The combination, with the baling-press case *a*, and a crank-shaft, *e*, located over the same, of extensible tramping-legs suspended from said crank-shaft and adapted for tramping the cotton or other material in the case to be baled, substantially as described.

3. The combination of extensible tramping-legs consisting of grooved section *j* and notched section *k*, fitted one within the other and secured by a band, *l*, and key *m*, with the crank-shaft *e* and the press-case *a*, said section *j* being suspended from the crank, and the section *k* having the tramping-foot *n*, substantially as described.

4. The combination, with a press having a follower, *b*, in the bottom, and being arranged to open at the top, of a pair of trampers suspended from a crank-shaft located over the top of the case, said trampers being adapted to be contracted as the case fills, substantially as described.

GEDEON PHILIP THOMPSON.

Witnesses:

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