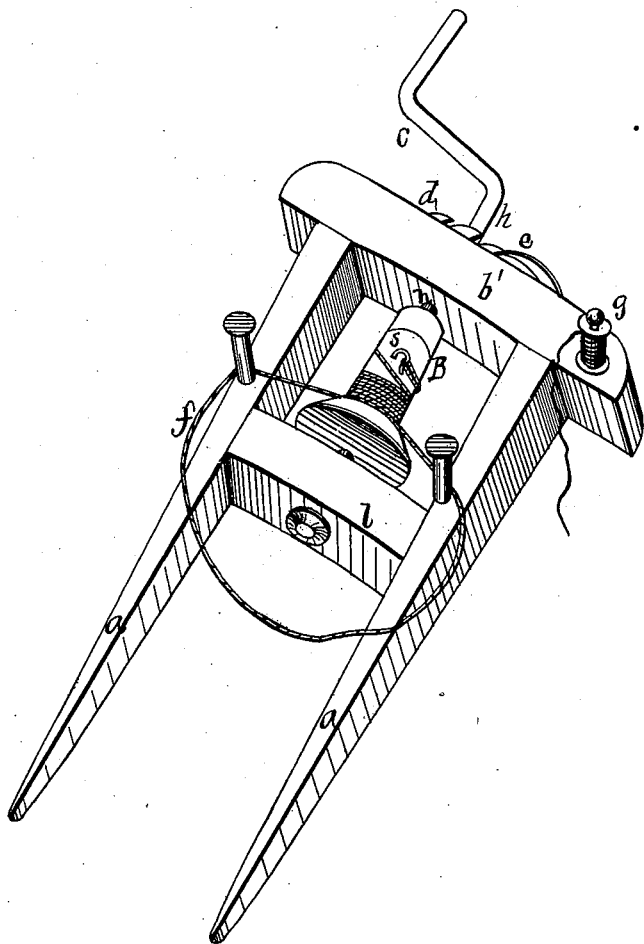


T. J. FULMER & F. WIEGMAN.  
Shock Binder.

No. 202,014.

Patented April 2, 1878.



*Attest:*

*J. M. Burnham.*  
*A. Benjamin.*

*Inventor*  
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*Frederick Wiegman*  
*By their attorney*  
*Charles E. Foster*

# UNITED STATES PATENT OFFICE.

THOMAS J. FULMER AND FREDERICH WIEGMAN, OF DE GRAFF, OHIO.

## IMPROVEMENT IN SHOCK-BINDERS.

Specification forming part of Letters Patent No. 202,014, dated April 2, 1878; application filed March 2, 1878.

*To all whom it may concern:*

Be it known that we, THOMAS J. FULMER and FREDERICH WIEGMAN, of De Graff, Logan county, Ohio, have invented an Improved Fodder-Binder, of which the following is the specification:

Our invention is a fodder-binder, constructed as fully described hereinafter, to compress the shock without removing the latter from its upright position, and retain the same until bound by the cord.

The accompanying drawing illustrates, in perspective, our improved device, consisting of sharpened stakes or side pieces *a* and cross-pieces *b b'*, between which revolves a drum, *B*, carried by a shaft, *h*, having a crank-handle, *c*, and provided with a ratchet, *d*, adapted to a pawl, *e*, on the frame.

To eyes or hooks *s* at opposite sides of the drum *B* are connected the opposite looped ends of a rope, *f*; and on a rod, *g*, extending from the frame is placed a bobbin, containing the binding-twine.

The sharp stakes *a a* are forced into or passed on opposite sides of the shock as it stands, which, therefore, is made the means of supporting the apparatus while in opera-

tion. One end of the cord is then detached, and, after the cord is passed around the shock, is again connected to the eyes, and the drum is turned until the shock is tightly compressed between the loop of cord and the cross-piece *b*. The binding-twine is now passed around the shock and secured, the pawl *e* preventing the revolution of the drum.

The device thus constructed is portable, readily applied to the shocks while standing, will bind shocks of any size, and is easily operated.

We claim—

The combination of the revolving drum *B*, its handle, ratchet, and pawl, and the frame *A*, having side pieces to clasp the shock, and the cord *f*, detachably connected to the drum, all as set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

THOMAS J. FULMER.  
FREDERICH WIEGMAN.

Witnesses:

L. H. CRETCHER,  
O. L. ROGERS.