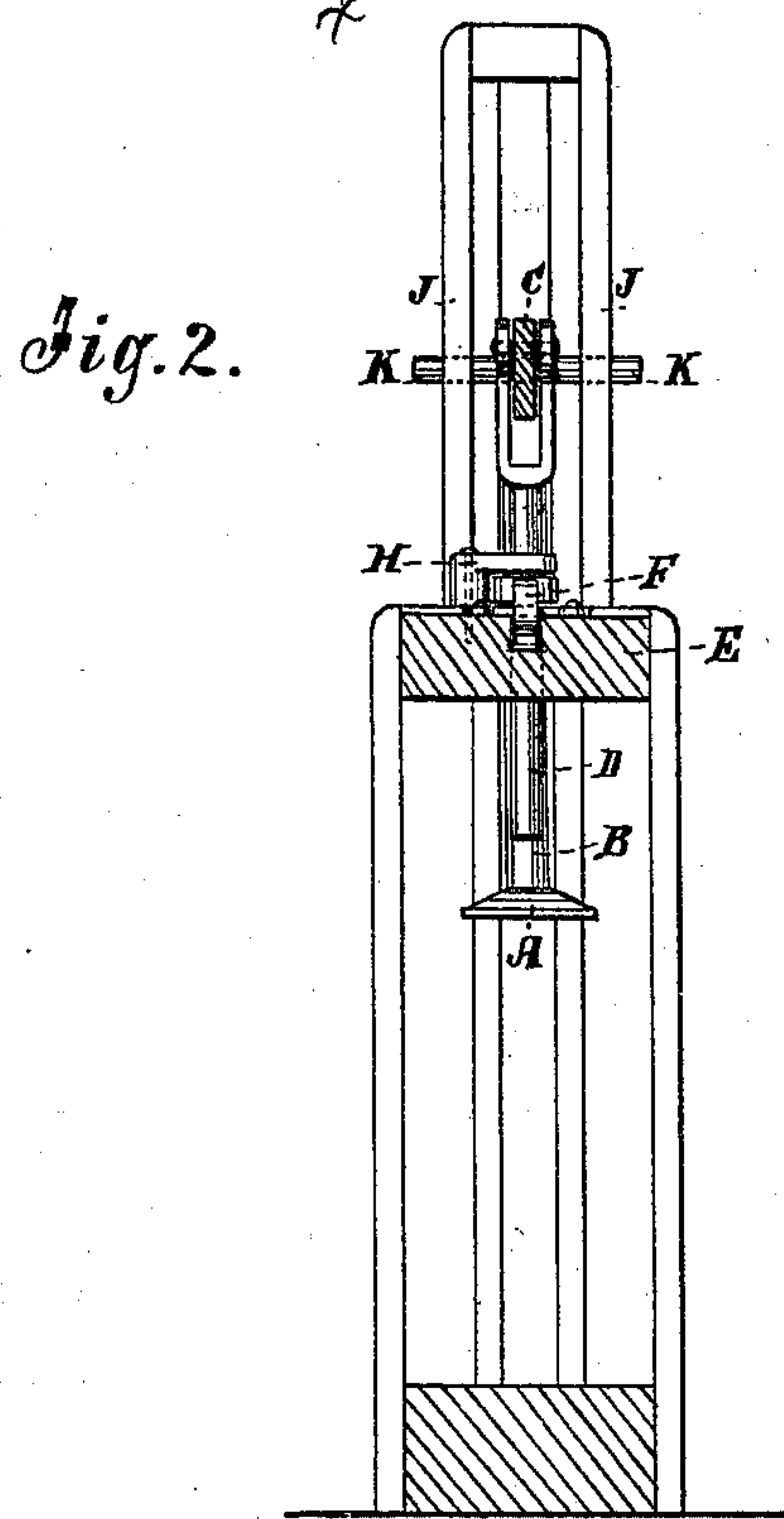
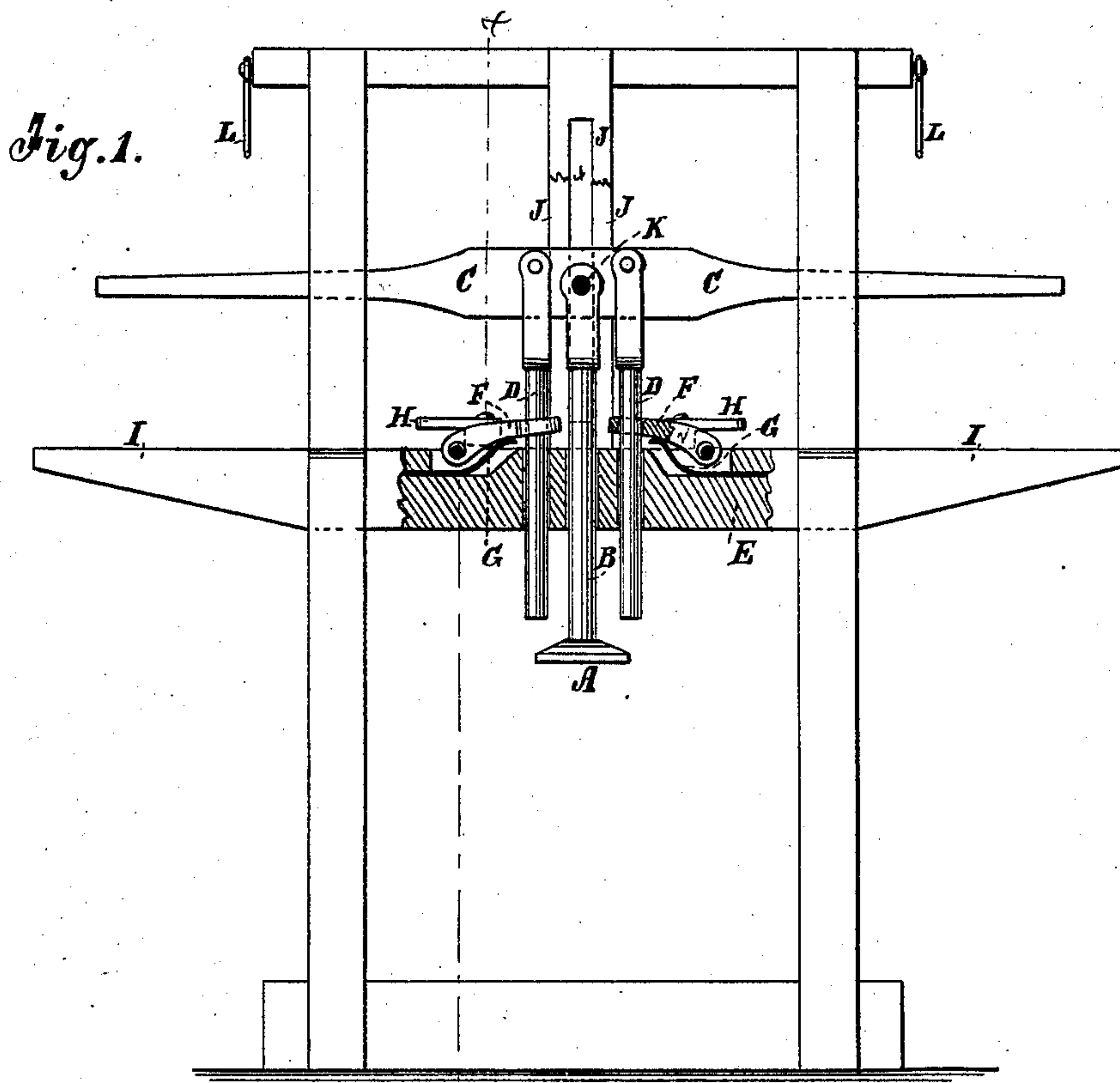


J. GRAMELSPACHER.  
Presses.

No. 149,926.

Patented April 21, 1874.



WITNESSES:

*A. Bennekenhoff.*  
*C. Sedgwick.*

INVENTOR.

*J. Gramespacher*  
BY *M. M. L.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN GRAMELSPACHER, OF JASPER, INDIANA.

## IMPROVEMENT IN PRESSES.

Specification forming part of Letters Patent No. **149,926**, dated April 21, 1874; application filed February 21, 1874.

*To all whom it may concern:*

Be it known that I, JOHN GRAMELSPACHER, of Jasper, in the county of Dubois and State of Indiana, have invented a new and Improved Press, of which the following is a specification:

The invention consists of a brake-lever pivoted at the middle in the top of the follower-stem, and having a fulcrum on each side of it on a rod working up and down through a guiding and supporting beam, also through a griping-pawl, which allows it to descend freely but gripes and holds it against rising, so that the fulcrum of one side descends while the other is holding the lever for pressing the follower down, thus causing the follower to be forced down quickly by the vibrations of the levers.

Figure 1 is an elevation of my improved press with a part sectioned; and Fig. 2 is a transverse sectional elevation taken on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the follower; B, the rod or stem; C, the brake-lever; D, the fulcrum; E, the guiding and supporting beam for the rods; F, the griping-pawl; G, the springs for tilting the pawls to cause them to bite the rods, and H buttons for preventing the pawls from biting when the follower is to be raised. The beam extends at I beyond the press-frame, for the operators to stand on to work the press. J

represents guides, in which the pivot-bolt K, which connects the brake-lever to the head of the follower-stem, works, for acting in conjunction with the beam E to guide the follower. L represents hooks at the top of the press for holding the follower up by the lever while filling the cask or other case in which the matters are to be pressed.

The press is designed for pressing leaf-tobacco into casks or hogsheads and the like, but it may be used for pressing hay or cotton or other substances.

The springs swing or lift the pawls upward, so that they press on the rods with sufficient friction to gripe and hold them against rising when the buttons are not turned over them, but when the buttons are turned over them they are prevented from griping and allow the rods to rise freely.

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

The combination of the brake-lever rods D, pivoted spring-pawls F, through which the said rods pass, the follower-stem, slotted guide J, and guide-beam E, all arranged as shown and described, to operate as specified.

JOHN GRAMELSPACHER.

Witnesses:

TALIAFERRO WERTZ,  
AUGUST LITICHY.