

No. 837,817.

PATENTED DEC. 4, 1906.

J. W. FALKNER & H. M. FOUST.  
TRACE CARRIER.

APPLICATION FILED FEB. 13, 1906.

Fig. 1.

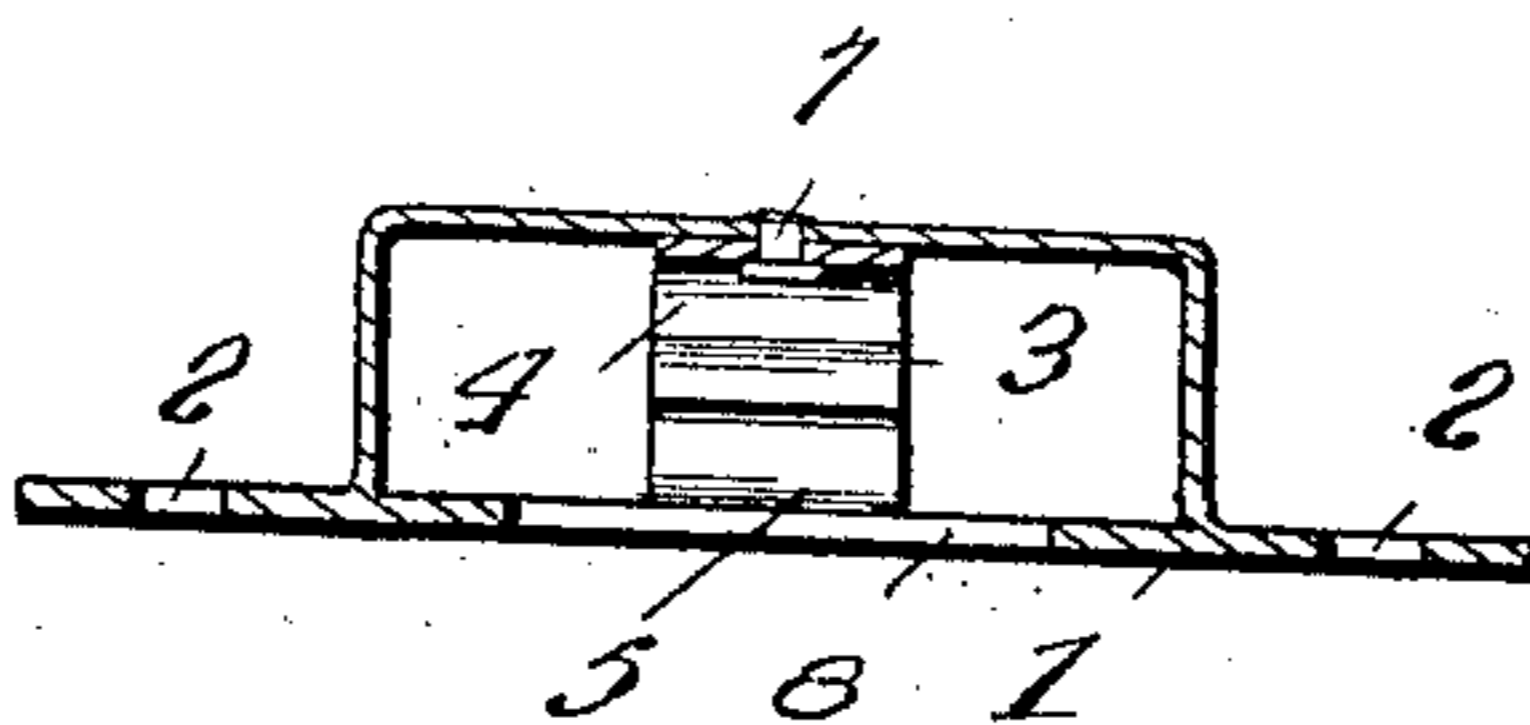
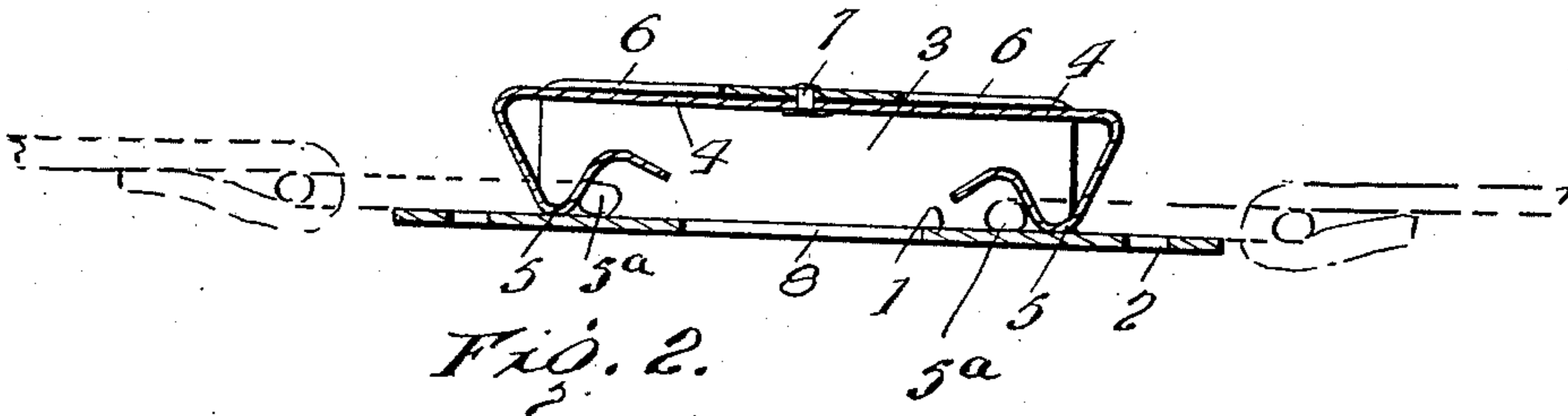
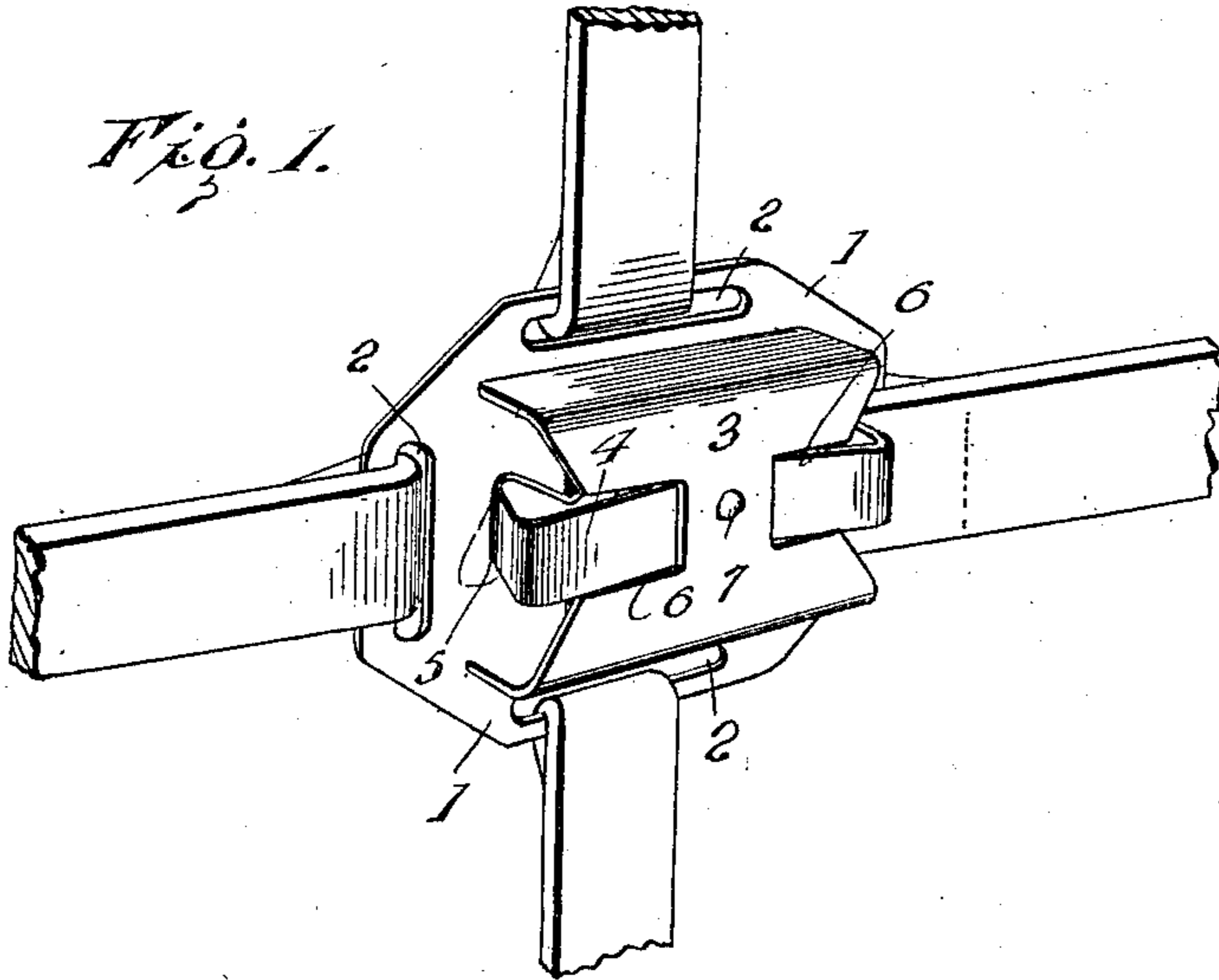


Fig. 3.

Witnesses

*[Signature]*  
W. A. Woodson

Inventors

J. W. Falkner  
H. M. Foust

By

*[Signature]*  
Ph. B. Racy, Attorneys

# UNITED STATES PATENT OFFICE

JAMES W. FALKNER AND HERBERT M. FOUST, OF ROSSVILLE, KANSAS;  
SAID FOUST ASSIGNOR TO SAID FALKNER.

## TRACE-CARRIER.

No. 837,817.

Specification of Letters Patent.

Patented Dec. 4, 1906.

Application filed February 13, 1906. Serial No. 300,911.

*To all whom it may concern:*

Be it known that we, JAMES W. FALKNER and HERBERT M. FOUST, citizens of the United States, residing at Rossville, in the county of Shawnee and State of Kansas, have invented certain new and useful Improvements in Trace-Carriers, of which the following is a specification.

This invention relates to harness-attaching devices; and it consists of a peculiar form of trace-carrier designed to support the traces in the ordinary positions and in such a way that should the same become engaged with a fence or any other object they will pull loose and are not likely to become broken or to cause damage to parts to which they may be attached. The above is a defect which is common to the various means hereinbefore employed for holding traces.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view showing a trace-carrier embodying the invention. Fig. 2 is a longitudinal horizontal section. Fig. 3 is a transverse section of the practical embodiment of the invention.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

A carrier comprising the invention consists of an attaching-plate 1, provided with suitable openings 2 for attachment to strap parts and having a housing 3 upon its outer side preferably integrally formed therewith. The plate and housing 3 are cast in the preferred manner of manufacturing the article, and secured to the top or outer side of the housing 3 is a spring 4, the opposite end portions of which are bent inwardly toward the plate 1 to form hooks or strap-engaging members 5. The opposite end portions of the top or outer side of the housing 3 are cut away, as shown at 6, so that the ends of the spring 4, which are formed with the members 5, will be permitted to have a free spring movement toward and from the plate 1 in engaging with or disengaging from the trace which is passed into the housing at the end thereof and held by the spring contact or engagement of said

members 5. The engagement of the members 5 is entirely sufficient to prevent displacement of the traces; but if any strain or abnormal pull is exerted upon the trace which is held by the carrier, said trace will readily pull loose from the same, preventing any likelihood of breakage thereof or of the part to which it is attached. A rivet or similar member 7 is used to attach the spring 4 to the housing 3, said rivet passing through the portion of the housing between the cut-away portions 6. In order that the application of the rivet 7 may be facilitated, it is designed that the plate 1 be provided with an opening 8 just beneath that portion of the housing to which the spring 4 is attached. This opening 8 permits of the set entering the housing to head the rivet 7 or support the same when it is riveted or upset. It will be observed that the engaging members 5 which project inwardly toward the plate 1 have the extremities thereof bent laterally and upwardly, and thence downwardly, to form seats 5<sup>a</sup>, adapted to readily receive the trace-eyes when the latter are in the positions as shown in Fig. 2.

The construction of the device as hereinbefore set forth is very simple and may be manufactured at a comparatively small cost, possessing advantages which are believed to be obvious to those versed in the art to which this invention appertains.

Having thus described the invention, what is claimed as new is—

A trace-carrier comprising a plate, a housing applied to the outer side of the plate, a flat spring arranged beneath the top of the housing, a fastening passing through the central portion of the top of the housing and the spring and securing the latter thereto, the outer terminals of the spring being bent inwardly to form spring-engaging members, the extremities of the spring-engaging members being bent laterally, upwardly, and downwardly to form seats adapted to receive a trace-eye as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

JAMES W. FALKNER. [L. s.]  
HERBERT M. FOUST. [L. s.]

Witnesses:

GEO. STEWART,  
JOHN R. WILT.