

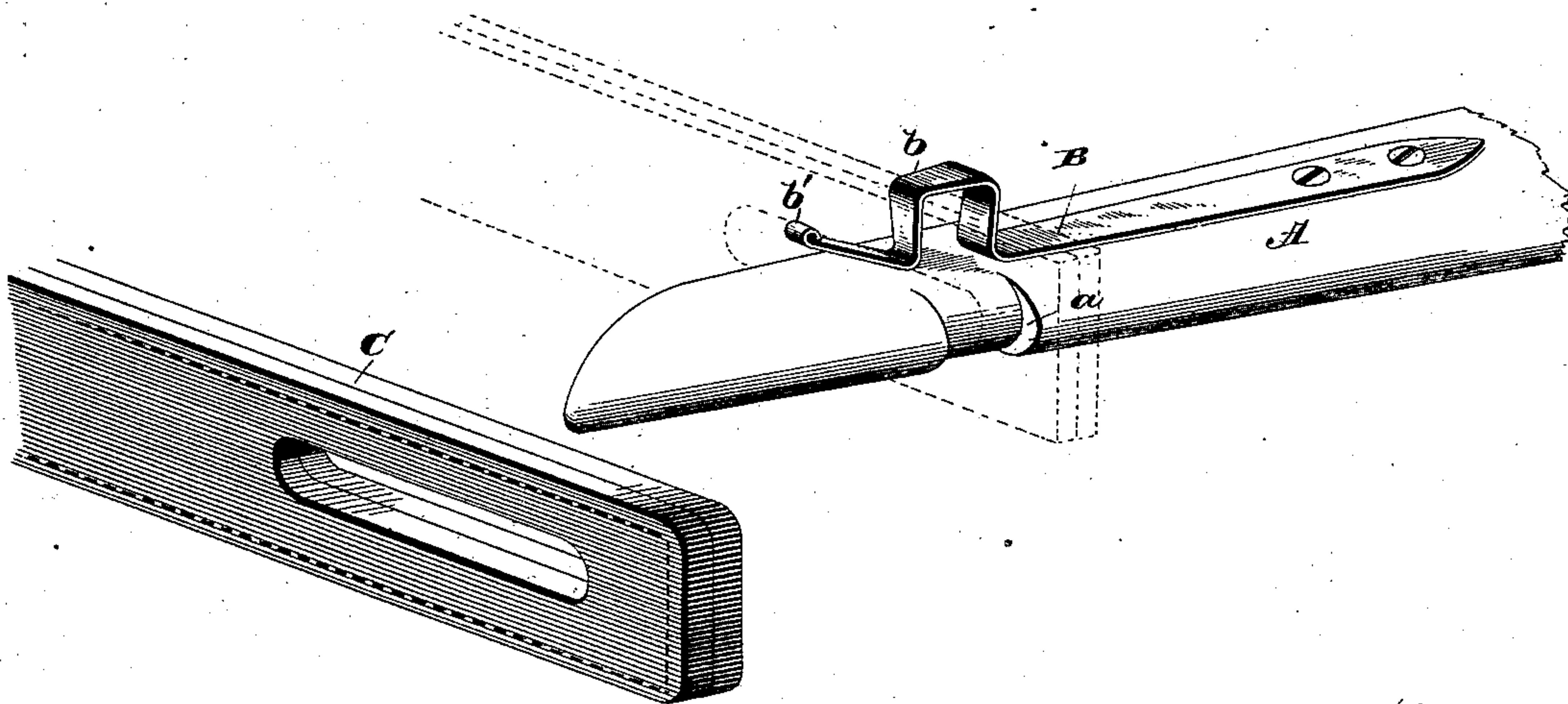
(No Model.)

C. S. NEWSOM & L. OXLEY.

TRACE FASTENING.

No. 381,884.

Patented Apr. 24, 1888.



WITNESSES,

*L. S. Elliott.*

*Horace S. Beece,*

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—and—

*Lemuel Oxley.*

INVENTOR.

*[Signature]*

Attorney.

# UNITED STATES PATENT OFFICE.

CHARLES S. NEWSOM AND LEMUEL OXLEY, OF ATHENS, OHIO, ASSIGNORS,  
BY DIRECT AND MESNE ASSIGNMENTS, TO SAID NEWSOM, ROBERT E.  
HAMBLIN, AND HENRY R. MATHIAS, ALL OF SAME PLACE.

## TRACE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 381,884, dated April 24, 1888.

Application filed February 23, 1888. Serial No. 264,956. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES S. NEWSOM and LEMUEL OXLEY, citizens of the United States of America, residing at Athens, in the county of Athens and State of Ohio, have invented certain new and useful Improvements in Trace-Fastenings for Whiffletrees; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters or figures of reference marked thereon, which forms a part of this specification.

Our invention relates to certain new and useful improvements in trace-fasteners for whiffletrees; and it consists in the novel construction and arrangement of the parts thereof, which will be more fully hereinafter described, and particularly pointed out in the claim.

The object of our invention is to provide an attaching and detaching device in connection with a whiffletree for securing and releasing the trace or tug, the construction thereof being simple and effective, strong and durable, easily handled and readily understood, and cheaply manufactured. We attain this object by the construction illustrated in the accompanying drawing, wherein a perspective view of a portion of a whiffletree with our improvement applied in connection therewith is shown, together with a portion of a tug or trace in full lines detached, and in dotted lines applied to

the whiffletree and secured by our improved device.

A indicates the whiffletree, which is preferably formed with a recess, *a*, and, if so desired, this recess may be dispensed with, applying our improvement to a whiffletree already in use.

B indicates an elongated spring-arm, which is secured to the whiffletree and extends adjacent to the end thereof, being formed with an open-sided loop, *b*, and an upwardly-bent end, *b'*. The upwardly-bent end *b'* facilitates the operation of raising and lowering this spring-arm in attaching and detaching the tug C, and when the said tug C is applied to the whiffletree, as shown in dotted lines, the loop *b* fits over the upper edge of the same, as shown.

A great advantage of our improvement is the simplicity of construction and operation, which necessarily renders it cheap to manufacture.

Having thus described our invention, we claim—

The combination, with a whiffletree, of an elongated spring-arm having a loop, *b*, bent as set forth, and an outwardly-bent end, *b'*, substantially as described.

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

CHARLES S. NEWSOM.  
LEMUEL OXLEY.

Witnesses:

CHARLES H. MINTUN,  
C. S. WELCH.