

(No Model.)

A. E. CLARK.
TRACE CARRIER.

No. 437,096.

Patented Sept. 23, 1890.

Fig. 1.

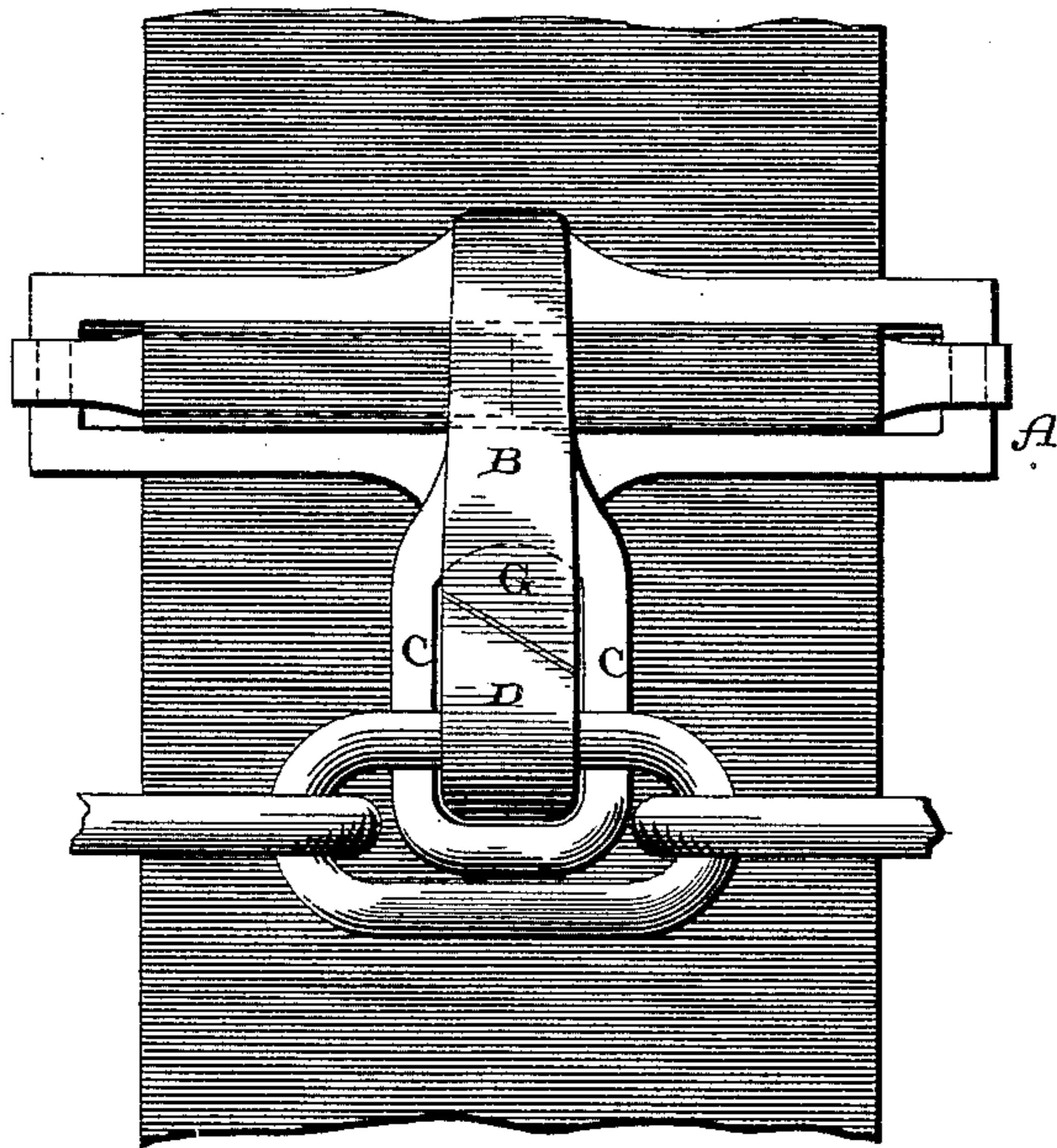
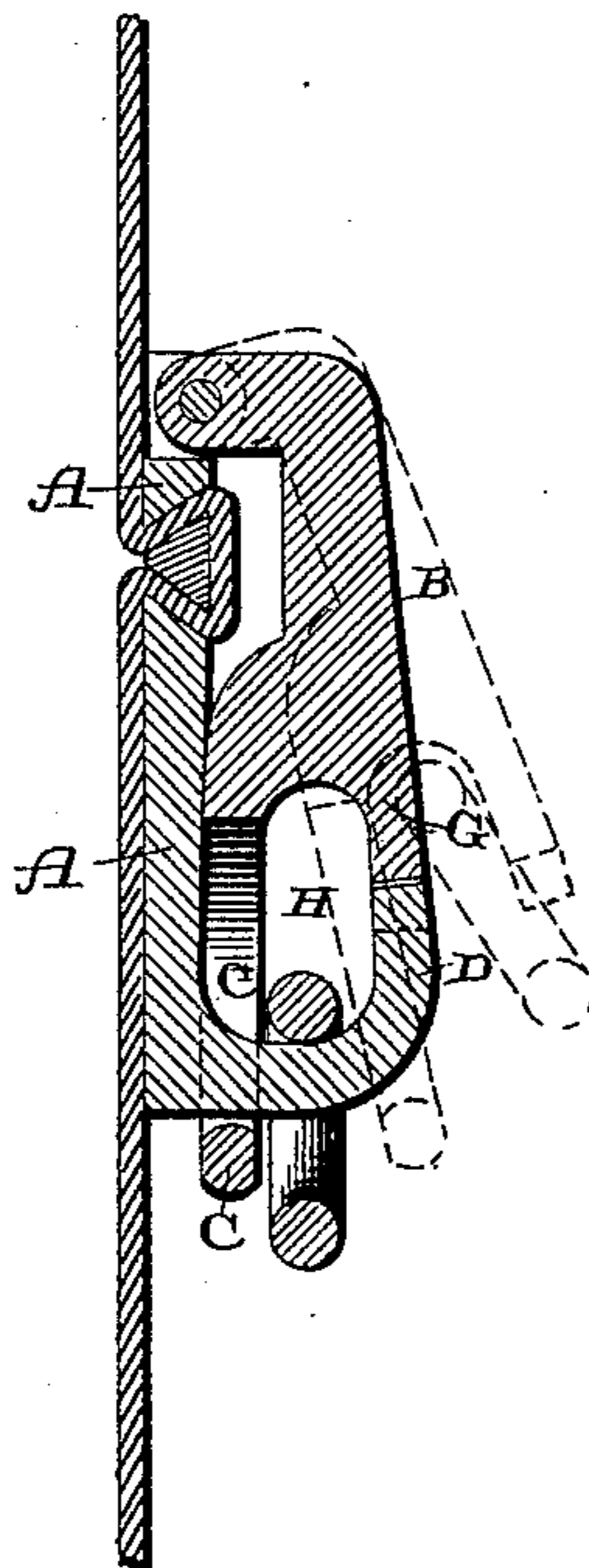


Fig. 2.



Witnesses:

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Inventor:

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per
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UNITED STATES PATENT OFFICE.

ALEXANDER E. CLARK, OF BUCKHOLTS, TEXAS.

TRACE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 437,096, dated September 23, 1890.

Application filed June 27, 1890. Serial No. 356,953. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER E. CLARK, of Buckholts, in the county of Milam and State of Texas, have invented certain new and
5 useful Improvements in Trace-Carriers; and I 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
10 which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in trace-carriers; and it consists in the combination and arrangement of parts, which will be
15 fully described hereinafter.

The object of my invention is to provide the trace-carrier with a locking-brace, which is held in a closed position by the chain, which prevents all possibility of the chain from be-
20 coming detached from the carrier while in use.

Figure 1 is a side elevation of a trace-carrier which embodies my invention. Fig. 2 is an edge view of the same and showing the locking-brace in one position in solid lines
25 and in another position in dotted lines.

A represents the trace-carrier, which is shown in the patent granted to me March 12, 1889, and which need not therefore be more fully described at this time. While my pres-
30 ent invention is intended especially as an improvement upon that patent, it is adapted to be applied to other trace-carriers.

Pivoted to the upper central edge of the trace-carrier is the locking-brace B, which is
35 adapted to be closed down over the front of the central portion of the trace-carrier, as shown, and which is provided with a loop C, which passes over the hook D, and with the projection G, which makes connection with
40 the upper end of the hook D, as shown. This loop, resting in the recess H, which is made in the body of the trace-carrier to receive it, bears against the outer side of the band, so that when the link of the chain is made to
45 catch over the hook this link bears against the loop and thus serves to keep the brace locked in position. The projection G, by mak-

ing connection with the upper end of the hook, prevents all possibility of the chain from becoming detached while in operation. 50

When it is desired to either attach the chain or remove it from the trace-carrier, the locking-brace must be opened out sufficiently far to allow the link to pass between the top of the hook and the projection, as shown. This
55 locking-brace must be operated by hand, for the link can neither be inserted into nor removed from the hook until the brace is moved into the proper position for this purpose. The lower end of the projection G and the upper
60 end of the hook are both cut away at the same angle, so that before the link can be inserted into or removed freely from the hook it must be first turned at the same angle as the ends of these two parts. If these two
65 parts were not formed at this angle, should the link spring or bound upward to a point on a level with the upper end of the hook, it would readily force the brace outward and thus become detached—something which is
70 almost impossible with the construction here shown. This brace serves to keep the side bars from opening out or the pivoted bars working loose so as to allow the back-band to become detached from the carrier. 75

Having thus described my invention, I claim—

In a trace-carrier, the combination, with the body having a strap-fastener and an outwardly and upwardly extending hook, of a
80 locking-plate, which is hinged at its upper end to the upper portion of the body, and its lower end provided with an inner perforated projection through which the said hook passes, and a shorter projection which closes
85 the upper end of the hook, combined to operate in the manners substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

ALEXANDER E. CLARK.

Witnesses:

ED. F. ENGLISH,
WILLIAM J. SAYRE.