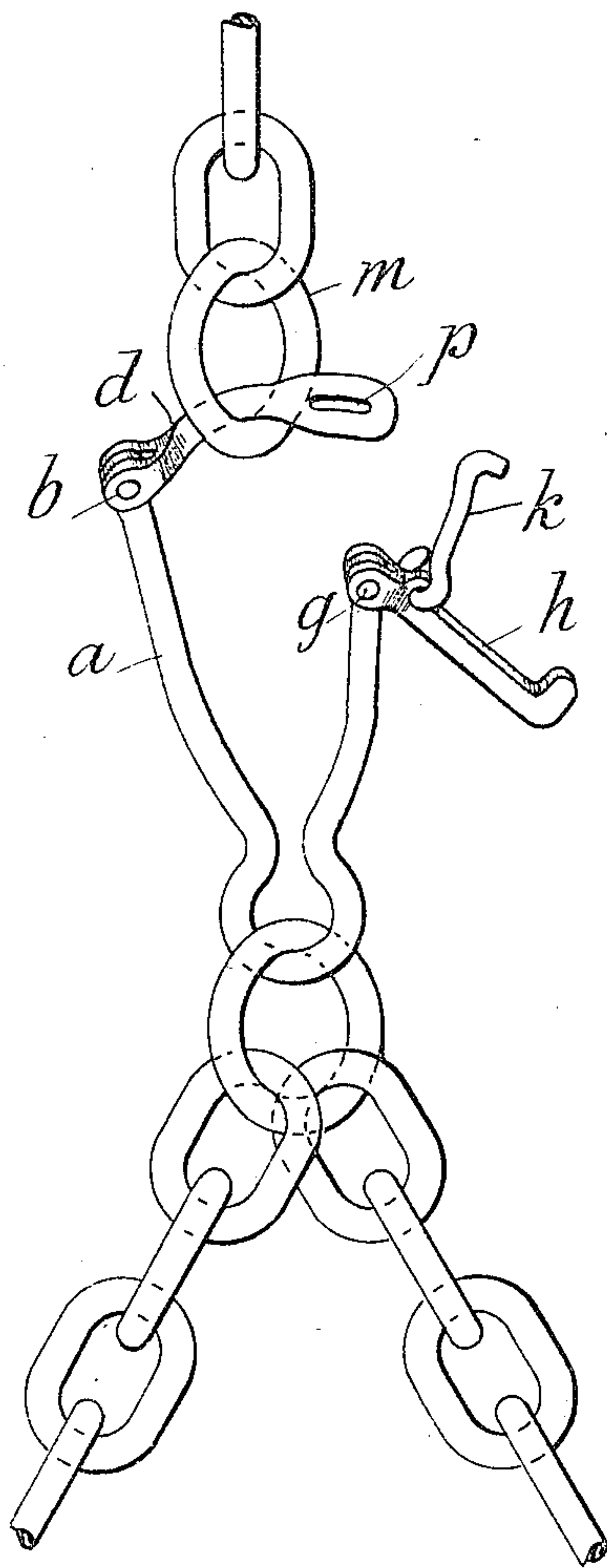


No. 804,327.

PATENTED NOV. 14, 1905.

B. KNOTHE.
COUPLING LINK FOR CATTLE CHAINS.
APPLICATION FILED AUG. 11, 1904.



WITNESSES.

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UNITED STATES PATENT OFFICE.

BRUNO KNOTHE, OF DÖMITZ, GERMANY.

COUPLING-LINK FOR CATTLE-CHAINS.

No. 804,327.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed August 11, 1904. Serial No. 220,433.

To all whom it may concern:

Be it known that I, BRUNO KNOTHE, a subject of the German Emperor, residing at Dömitz-on-the-Elbe, Mecklenburg, Germany, have invented certain new and useful Improvements in Coupling-Links for Cattle-Chains; 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 which it appertains to make and use the same.

This invention relates to a coupling-link for cattle-chains and the like which has the advantage over known coupling devices, on the one hand, that the shackle, as well as the fastening device that secures it in the locking position, opens in the direction of the tension, so that the uncoupling can be very quickly effected without trouble, and, on the other hand, that the shackle is of such a form that when the fastening device is released the inserted chain-ring is entirely prevented from remaining suspended.

In the accompanying drawing a side view of the improved coupling-link is shown.

The coupling-link *a* is open in front and on one of its arms carries the shackle *d*, which pivots around the pin *b*, on the free end of

which is an eye *p*, thus being entirely free from projecting parts. On the opposite arm of the coupling-link *a* is a locking-lever *h*, that pivots around a pin *g* and has jointed to it a tension-hook *k*.

When the coupling-link is fastened, the hook lies in the eye at the end of the shackle *d*, whereupon the shackle is made fast by the lowering of the lever *h*. By merely raising the lever *h* the coupling is completely released, and the special form of the shackle enables the chain-ring *m*, which was put in, to slide out without hindrance.

What I claim, and desire to secure by Letters Patent, is—

A coupling-link for cattle-chains and the like, consisting of an open link, a shackle pivoted to one end of the open link and provided with an eye, a lever pivoted to the other end of the open link, and a hook pivoted to the lever and adapted to engage the eye of the shackle.

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

BRUNO KNOTHE.

Witnesses:

HERM. SACK,
RUDOLPH FRICKE.