

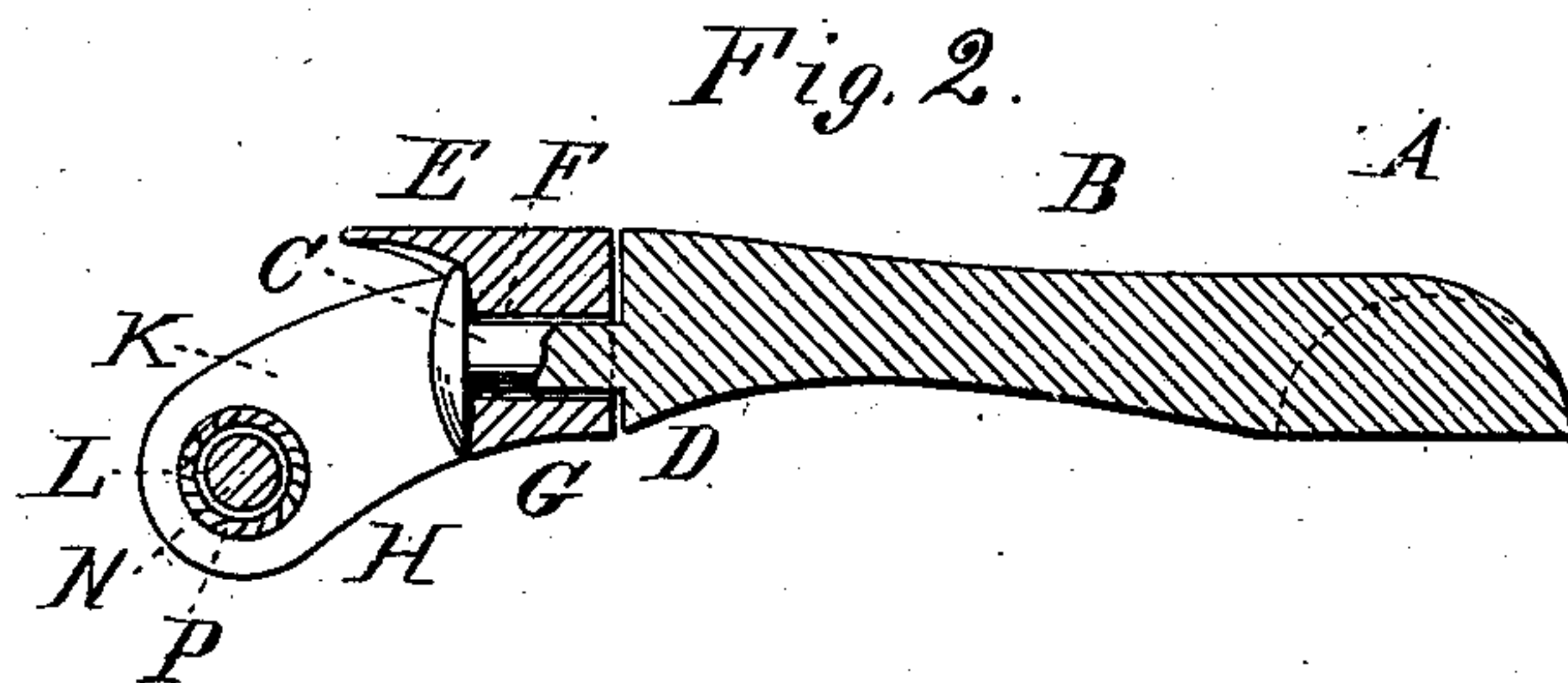
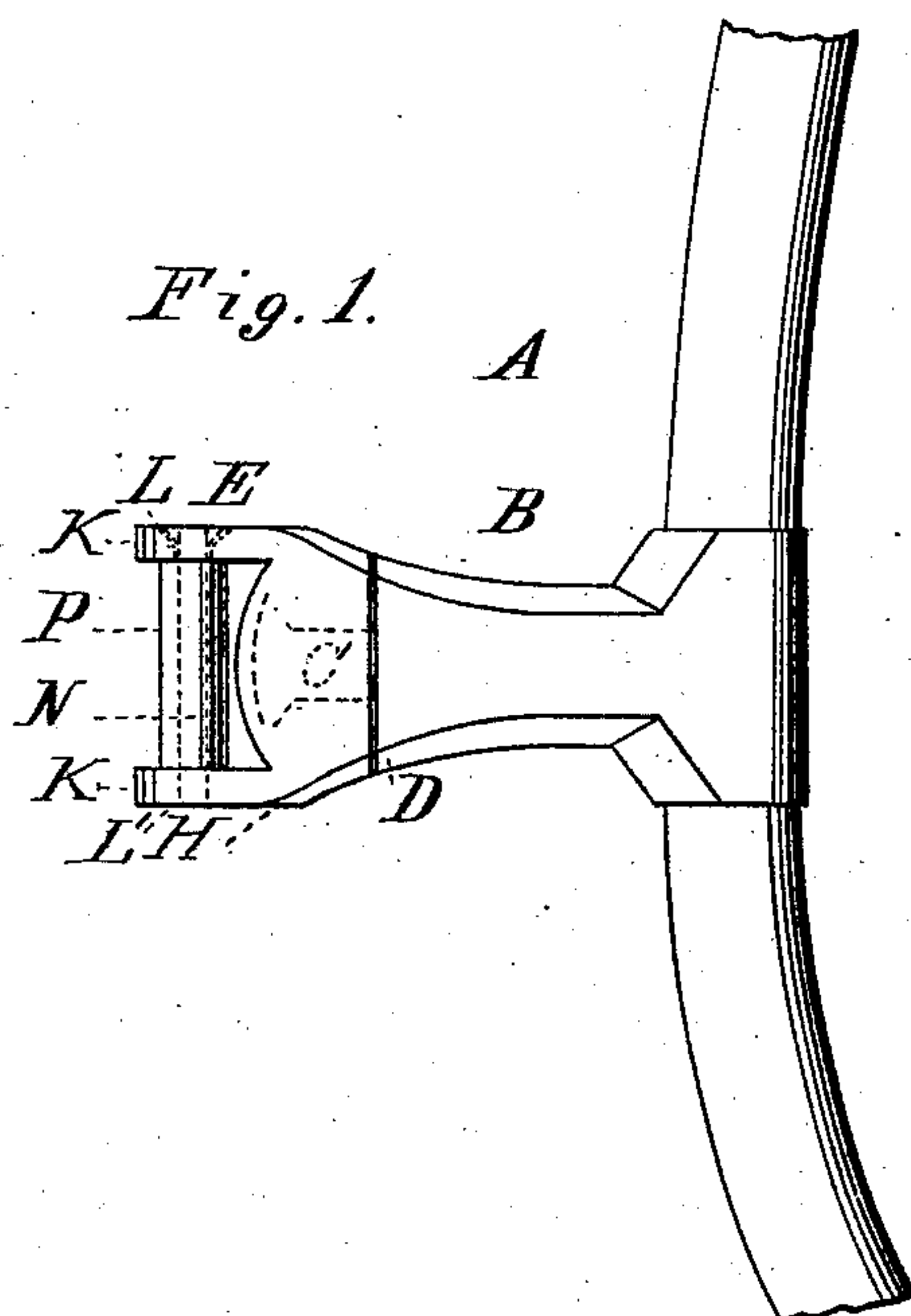
(No Model.)

C. LANGE.

HAME.

No. 281,526.

Patented July 17, 1883.



WITNESSES

*Villette Anderson.*  
*E. B. Bates.*

INVENTOR

*Christian Lange*  
*by Anderson Smith*  
*his* ATTORNEYS

# UNITED STATES PATENT OFFICE.

CHRISTIAN LANGE, OF BLACK EARTH, WISCONSIN.

HAME.

SPECIFICATION forming part of Letters Patent No. 281,526, dated July 17, 1883.

Application filed June 4, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN LANGE, a citizen of the United States, resident at Black Earth, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Harness-Hames; and I do 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 drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a front view. Fig. 2 is a transverse section.

This invention has relation to harness-hames; and it consists in the construction and novel arrangement, in connection with the lateral outwardly-projecting arm of the hame-bar, of a swivel-head or pivoted bearing, whereby the hame-tug, which is attached to the swivel-head or bearing, is accommodated, all as hereinafter set forth.

In the accompanying drawings, the letter A designates a hame-bar, and B a rigid arm thereof extending laterally outward at the part where the draft is to be attached.

In the outer end of the arm B is cast a pin, C, which projects from the middle portion of the shoulder or bearing D, at the end of the arm, and is designed to engage a swivel-head,

E. The swivel-head is formed with an eye, F, in its base G, through which the pivot-pin passes, the end of the pin being then spread to form a stout head, H, whereby the swivel-head is fastened in position. The swivel-head is formed with the short arms K K, which are somewhat inclined to the rear, and are provided with perforations L L' for the passage of a screw-bearing, N, on which a sleeve-bearing, P, is seated between the arms. The perforation L' is threaded to receive the threaded end of the screw N. The connecting end of the hame-tug is passed around the sleeve-bearing on the screw, so that the hame-tug is attached to the swivel-head and has a free motion.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

The hame-bar A, having an outwardly-projecting lateral arm, B, and a bearing-pin cast in the end thereof, and a swivel-head, E, engaging said bearing-pin, and having the arms K, carrying a screw-pin and sleeve-bearing for the attachment of the hame-tug, substantially as specified.

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

CHRISTIAN LANGE.

Witnesses:

JOSIE HOLDEN,  
CHAS. E. WHELAN.