No. 613,179. Patented Oct. 25, 1898.

D. VICKERS, A. T. DAWSON & G. T. BUCKHAM.

CHARGE SUPPORT FOR BREECH LOADING GUNS.

(Application filed Apr. 14, 1898.)

(No Model.)

Fig. 2.

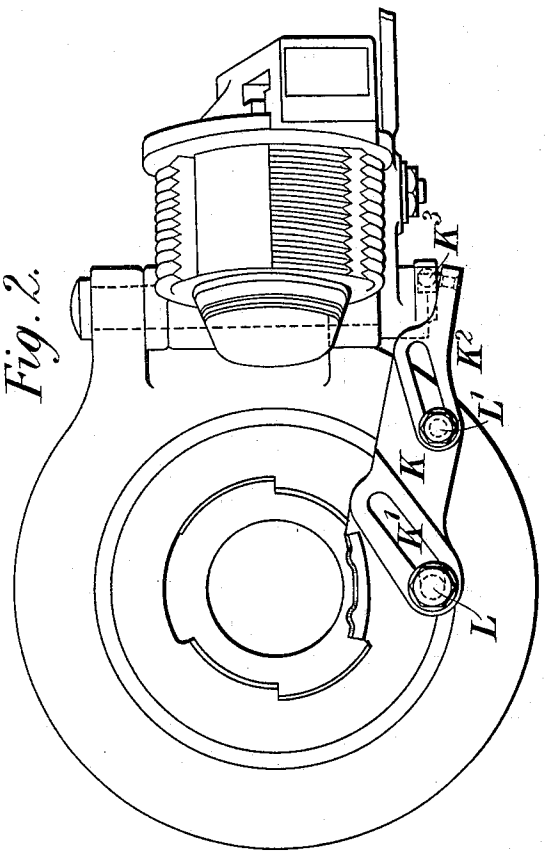


Fig. 1.

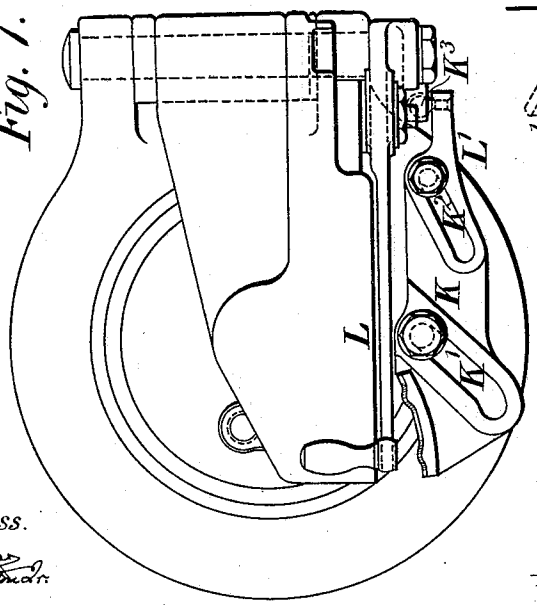
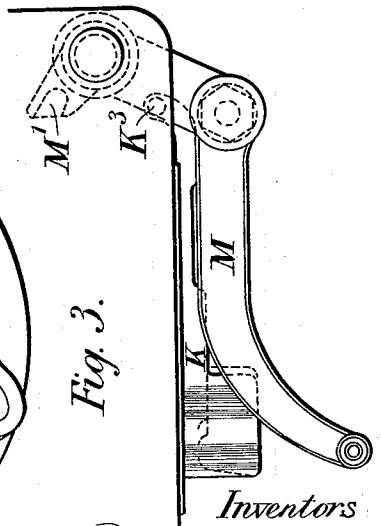


Fig. 3.



Witnessess.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

DOUGLAS VICKERS, ARTHUR TREVOR DAWSON, AND GEORGE THOMAS BUCKHAM, OF SHEFFIELD, ENGLAND, ASSIGNORS TO VICKERS SONS & CO., LIMITED, OF SAME PLACE.

CHARGE-SUPPORT FOR BREECH-LOADING GUNS.

SPECIFICATION forming part of Letters Patent No. 613,179, dated October 25, 1898.

Application filed April 14, 1898. Serial No. 677,624. (No model.)

To all whom it may concern:

Be it known that we, DOUGLAS VICKERS, a managing director of Vickers Sons & Maxim, Limited, ARTHUR TREVOR DAWSON, late lieutenant Royal Navy, superintendent of ordnance department, and GEORGE THOMAS BUCKHAM, engineer, citizens of England, all residing at River Don Works, Sheffield, in the county of York, England, have invented certain new and useful Improved Charge-Supports for Breech-Loading Guns, of which the following is a specification.

Our invention relates to an appliance for supporting the charge of a breech-loading gun in position suitable for its being advanced into the charge-chamber of the gun when the breech is open, the movement of the support to this position being effected by the action of opening the breech, as will be described, referring to the accompanying drawings.

Figure 1 is a rear elevation of the breech plug-carrier in its closed position with the charge-carrier in its low position. Fig. 2 is an elevation showing the breech open and the charge-carrier raised. Fig. 3 is a plan of the opening-lever and charge-support.

The charge-support K is retained against the breech-face of the gun by two or more studs L and L′, passing through slots K′ and K^2, formed in the support K and having nuts or collars on the outside. The slots K′ and K^2 are of such a form that as the breech is opened they allow the support K to be moved across the breech-face of the gun by the toe M′ of the lever, which at a given time engages with a pin K^3 on the end of the support K. The sliding motion of the support K is so arranged that it does not begin until the breech-plug is swung out of the way, leaving the breech quite clear, and the support K is so guided by the pins L and L′ in the slots K′ and K^2 as to bring the charge-support into the loading position, as shown in Fig. 2.

Having thus described the nature of this invention and the best means we know for carrying the same into practical effect, we claim—

A charge-support for a breech-loading gun, having a projection adapted to be engaged by an arm of the breech-opening lever and provided with a pair of oblique guide-slots in combination with a pair of guide-studs projecting from the breech of the gun substantially as described.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

DOUGLAS VICKERS.
ARTHUR TREVOR DAWSON.
GEORGE THOMAS BUCKHAM.

Witnesses to the signature of the said Douglas Vickers:

HENRY GLOVER COOLERY,
HAROLD P. BURDEKIN.

Witnesses to the signatures of Arthur Trevor Dawson and George Thomas Buckham:

EDMUND S. SNEWIN,
WM. O. BROWN.