F. EGLINGTON
Shaft-Tug.

No. 206,307. Patented July 23, 1878.

Fig: 1.

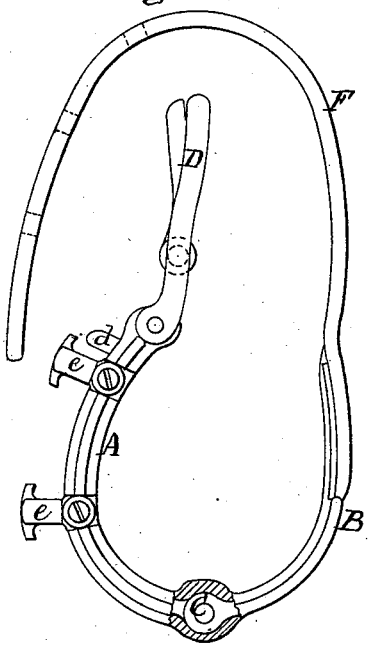


Fig: 2

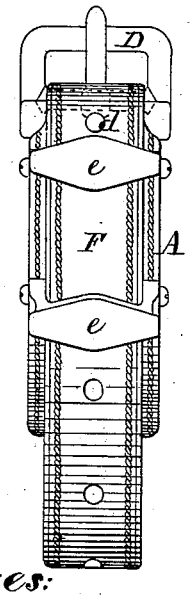
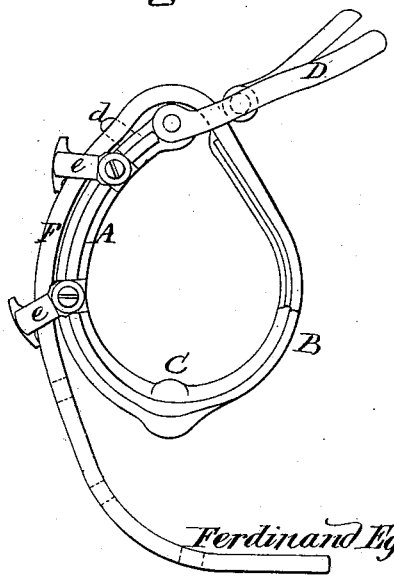


Fig: 3.



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UNITED STATES PATENT OFFICE.

FERDINAND EGLINGTON, OF WALSALL, ENGLAND.

IMPROVEMENT IN SHAFT-TUGS.

Specification forming part of Letters Patent No. **206,307**, dated July 23, 1878; application filed June 20, 1878; patented in England, May 17, 1878.

To all whom it may concern:

Be it known that I, FERDINAND EGLINGTON, of Walsall, in the county of Stafford, England, have invented new and useful Improvements in the Construction of Shaft-Tugs, of which the following is a specification:

This invention consists in improvements in the construction of that part of the harness of horses and other draft-animals which is technically known as "shaft-tugs;" and is of such a nature as to allow of the horse or other animal being released from any vehicle to which it is attached without the necessity of drawing the said tugs off their respective shafts.

It will be seen that the employment of this invention is especially useful in the event of horses falling down, in which case they can be immediately detached from the vehicle, notwithstanding any strain that may be put on the harness by reason of the weight of the horse.

The shape of the main portion of the tugs is similar in appearance to that of tugs as ordinarily constructed. The body, which forms the loop through which the shaft passes, is formed in two portions, which are hinged or pivoted together, such hinge being at the lower part of the tug. That portion which is outside when in use has a buckle loosely pivoted at the upper part thereof, below which is a small fixed stud. It is also provided with one or more small metal loops, so fixed as to admit of being moved on their respective pins as on pivots. A strap is attached to the disengaged end of that portion of the tug which is next the horse, and is provided with a perforation for the admission of the before-mentioned fixed stud, and with a series of perforations at the end for the annexation and adjustment of the "belly-band."

When in use the said strap is passed through the lower part of the buckle, below the tongue-bar, and through the movable loops, until the fixed stud enters the perforation before mentioned, when the said movable loops are pressed down on the strap, which is thus firmly held until it is desired to release the same. The loops are then moved to their normal positions, and the strap is easily drawn through, as will be well understood. The back-band is secured to the buckle and the belly-band to the end of the strap.

The body of the tug is formed of metal, which is, by preference, covered with leather.

In the annexed drawings, Figure 1 is a side view of a shaft-tug constructed in accordance with this invention, and having the strap disengaged. Fig. 2 is a front view of a tug, showing the strap secured; and Fig. 3 is a side view of the same.

The same letters of reference refer to like parts in the several figures.

A and B are the two portions forming the body of the tug, and C the hinge connecting the same. D is the buckle. *d* is the small fixed stud; *e e*, the small metal loops, and F is the strap.

I claim as my invention—

The combination, in a shaft-tug constructed in two parts, A B, hinged together at C, of the strap F, buckle D, stationary lug *d*, and hinged loops *e*, constructed and arranged substantially as described.

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