

J. GOBIET.

APPARATUS FOR CLEANING THE STRAKES ON THE DRIVING WHEELS OF TRACTION ENGINES.

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1,167,400.

Patented Jan. 11, 1916.

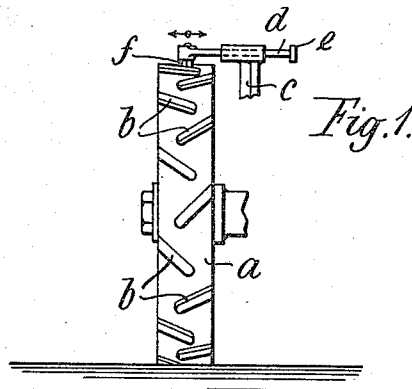


Fig. 2.

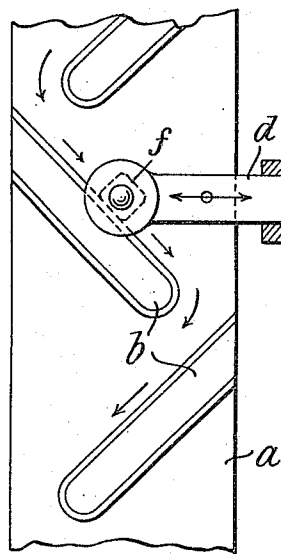
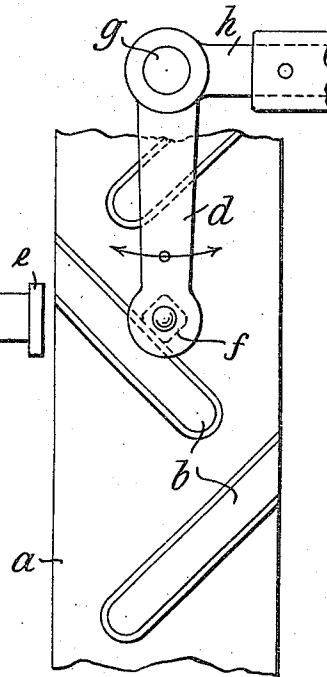


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JULES GOBIET, OF VALENTIGNEY, FRANCE.

APPARATUS FOR CLEANING THE STRAKES ON THE DRIVING-WHEELS OF TRACTION-ENGINES.

1,167,400.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JULES GOBIET, a citizen of the French Republic, residing at Valentigney, Doubs, France, have invented certain new and useful Improvements in Apparatus for Cleaning the Strakes on the Driving-Wheels of Traction-Engines, of which the following is a specification.

This invention has for its object to provide an improved apparatus for cleaning the driving fillets or grousers on the driving wheels of agricultural traction engines and the like, from the soil, which accumulates between the said fillets and thus diminishes their efficiency.

This invention is illustrated by way of example in the accompanying drawings, in which:—

Figure 1 is a front elevation of one modification of the improved apparatus applied to a wheel provided with driving fillets or grousers. Fig. 2 is a partial plan thereof drawn to a larger scale. Fig. 3 is a partial plan of a further modified form of the improved apparatus.

As shown, the felly or rim of the wheel *a* is provided on its periphery with driving fillets or grousers *b*.

c is a support fixed to the framing of the vehicle and in it is slidably mounted a rod *d* terminating at one end in a round shoulder *e* to serve as an abutment. A stud *f* which may consist of a square head of a bolt, whose round portion extends through the other end of a rod *d* and is capable of turning freely therein on its axis, the said extended portion being upset to form a circular head.

It is to be understood that as the wheel

rotates, the stud *f* being guided by the rod *d* which by this fact receives a to-and-fro motion, is caused to rub successively along the fillets *b* as indicated by the arrows in Fig. 2, in such a manner as to scrape away the soil adhering thereto.

In the modification shown in Fig. 3, the rod *d* which carries the stud, is arranged, instead of moving longitudinally, to rock on a pivot pin *g* carried by a support *h*.

It is to be understood that the cleaning apparatus may be provided with any other suitable form of stud instead of the square stud shown, according to the shape of the fillets.

What I claim is:—

Apparatus for preventing the slipping of the driving wheels of traction engines comprising in combination fillets or grousers on the face of the driving wheels which are arranged angularly and in opposite directions from each edge of the wheel alternately, a support fixed to the engine framing, a rod adapted to slide longitudinally in said support, a stud extending through the end of said rod and adapted to turn axially whereby on the rotation of the wheel the rod is reciprocated, one side of each fillet contacting with the stud removing the adhering soil from the side of the fillet, the stud thus moving across the whole face of the wheel.

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

JULES GOBIET.

Witnesses:

ALBERT PHILIPPE SILBERUMPH,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."