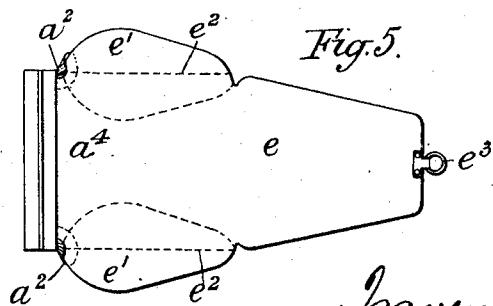
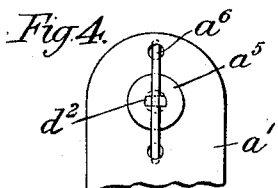
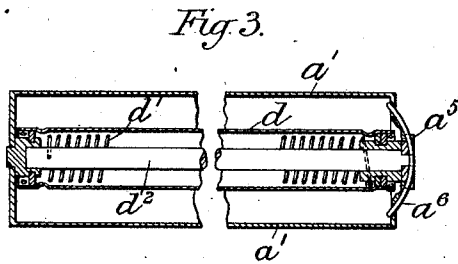
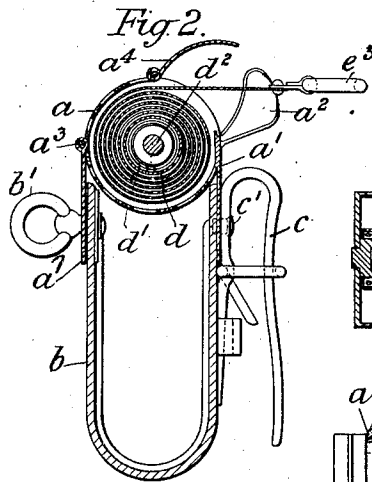
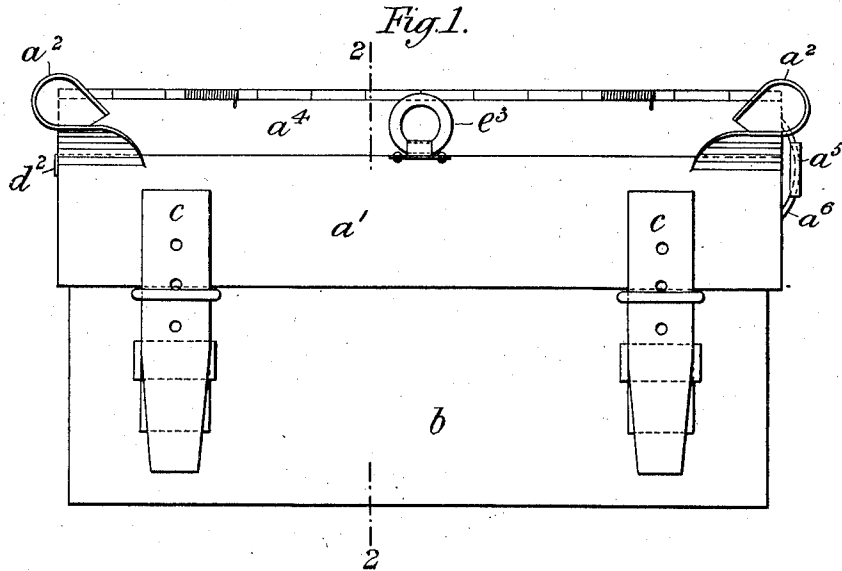


F. J. DYSON & A. H. DANIELS.
SADDLE BAG FOR CYCLES.
APPLICATION FILED AUG. 3, 1910.

1,003,346.

Patented Sept. 12, 1911.



Witnesses.
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UNITED STATES PATENT OFFICE.

FRANCIS JULIAN DYSON AND ARTHUR HENRY DANIELS, OF HEREFORD, ENGLAND.

SADDLE-BAG FOR CYCLES.

1,003,346.

Specification of Letters Patent.

Patented Sept. 12, 1911.

Application filed August 3, 1910. Serial No. 575,262.

To all whom it may concern:

Be it known that we, FRANCIS JULIAN DYSON, M. A., a subject of the King of Great Britain, residing at White Cross Road, Hereford, in the county of Hereford, England, clerk in holy orders and vicar of the parish of Holy Trinity, Hereford, and ARTHUR HENRY DANIELS, a subject of the King of Great Britain, residing at "Ivydene," Gruneison street, Hereford, in the county of Hereford, England, no occupation, have invented certain new and useful Improvements Relating to Saddle-Bags for Cycles, of which the following is a specification.

This invention relates to saddle tool-bags for cycles and has for its object to combine therewith a spring mounted saddle cover or shield of the type adapted to be drawn out over and secured to the saddle or seat, when it is necessary to leave the machine in an unsheltered place, and retracted by its spring into a tubular case.

In the accompanying drawings Figure 1 is a rear elevation of our improved cycle saddle tool-bag; Fig. 2 is a section of same taken on the line 2-2; Fig. 3 is a longitudinal section of the tubular case and spring roller; Fig. 4 is an end elevation of the upper part of the tool-bag and tubular case; and Fig. 5 is a plan view to a smaller scale of the rear part of the tubular case showing the cover or shield in the extended or opened out position.

The same parts are lettered to correspond in all five figures.

According to our invention the tubular case *a*, which is preferably made of a suitable light metal, is provided with a downwardly extending plate *a'* by which it is riveted or otherwise secured to the body of the ordinary leather or other saddle bag *b* either in the course of the manufacture of the bag, or our attachment may be fitted to a finished saddle tool-bag by cutting away the ordinary leather or other cover flap therefrom and securing the plate *a'* to the open upper end or mouth of the saddle bag. The straps *c* by which the tool-bag is suspended from the saddle are preferably riveted to the side plate *a'* as shown in Figs. 1 and 2 to insure that the bag with the tubular case secured thereto shall hang in proper position in rear of the cycle saddle.

Within the case *a* is mounted an ordinary

spring roller *d* one end of the spring *d'* being attached to the rotatable drum *d* and the other end to the non-rotatable spindle *d*². The cover or rain-shield *e* is wound upon the drum *d*; it is made to the shape of the ordinary cycle saddle and is provided with side wings *e'* which are adapted to fold inward along the dotted lines *e*² to reduce the width of the shield when rolled up and to bring it and the tubular case *a* within the limits of the width of the ordinary saddle tool-bag. To effect the automatic folding inward of the side wings *e'* a guide piece or ear *a*² is secured on each side of the rear of the tubular case *a* and contiguous to the entrance thereto, which ears are so shaped and disposed as to cause the wings *e'* to fold inward along the lines *e*².

The plate *a'* is hinged at *a*³ to the tubular case and serves as a flap to allow of access to the space containing the tools and other contents of the saddle bag *b*, to which it is secured by an ordinary turn-ring *b'*.

To prevent dirt and wet from getting into the tubular case *a* it is provided with a spring hinged top flap *a*⁴, outside which rests the ring *e*³ secured to the end of the rain-shield *e*, the said ring being adapted to be secured to a hook or like device secured under the peak of the saddle. In Fig. 2 the rain-shield *e* is shown partly drawn out of the tubular case *a*.

To allow for the removal of the spring drum *d* and rain-shield *e* from the tubular case, one end of the latter is provided with a removable plug *a*⁵ which is held in position by means of a curved wire spring *a*⁶ engaging apertures in the end of the case. This plug *a*⁵ is recessed to receive the flattened end of the spindle *d*² and when the plug *a*⁵ is removed the spindle has sufficient end play to allow of its other end being drawn out from the end of the tube *a*, and the drum and shield removed from the said tube *a* through the hinged top flap *a*⁴. By means of this removal a new roller with a white linen or other shield may be substituted when it is desired to use a saddle cover to protect the dress of the wearer riding thereon.

Having fully described our invention, what we claim and desire to secure by Letters Patent is:—

1. A saddle protector comprising a suitable casing having a longitudinal opening

therein, a removable plug in one end of said casing, a revoluble drum located within said casing and having one of its ends carried by said removable plug, a flexible member secured to said drum and of a width substantially that of the said opening in said casing, said flexible member having flexible lateral projections, means adapted to rotate said drum to normally retain the said flexible member within said casing, and guide members disposed adjacent to the lateral margins of the said opening in said casing to automatically fold the said lateral projections of said flexible member when the latter is drawn within said casing.

2. A saddle protector comprising in combination, a suitable casing having a longitudinal opening therein, a flexible member adapted to be drawn within said casing and of a width substantially that of the said opening in said casing, said flexible member having flexible lateral projections, and guide members disposed adjacent to the lateral margins of the said opening in said casing to automatically fold the said lateral pro-

jections of said flexible member when the latter is drawn within said casing.

3. A saddle protector comprising in combination, a rigid structure, a revolubly mounted drum carried thereby, spaced apart guide members secured to said rigid structure and disposed laterally of the periphery of said drum, and a flexible member adapted to be wound upon said drum and being of a width substantially that of the space between said guide members, said flexible member having flexible lateral projections adapted to unfold when the former is unwound and to be automatically folded, by said guide members, when the same is wound upon said drum.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses this 9th day of July, 1910.

FRANCIS JULIAN DYSON.
ARTHUR HENRY DANIELS.

Witnesses:

KATHLEEN M. THOMPSON,
ETHEL M. WEBB.

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