C. L. WARNER.

TRAPPINGS FOR HORSES.

APPLICATION FILED JUNE 2, 1906.

904,031. Patented Nov. 17, 1908.

Fig. 1.

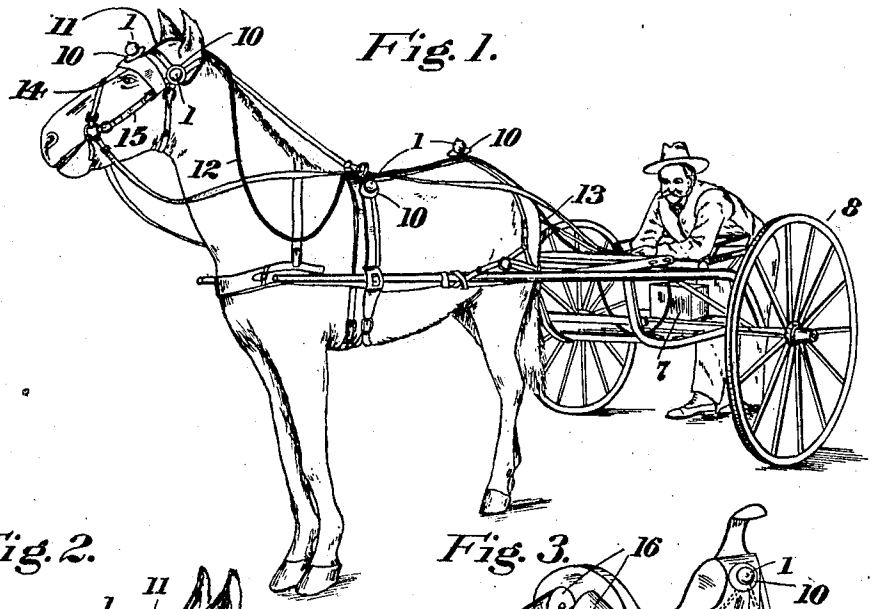


Fig. 2.

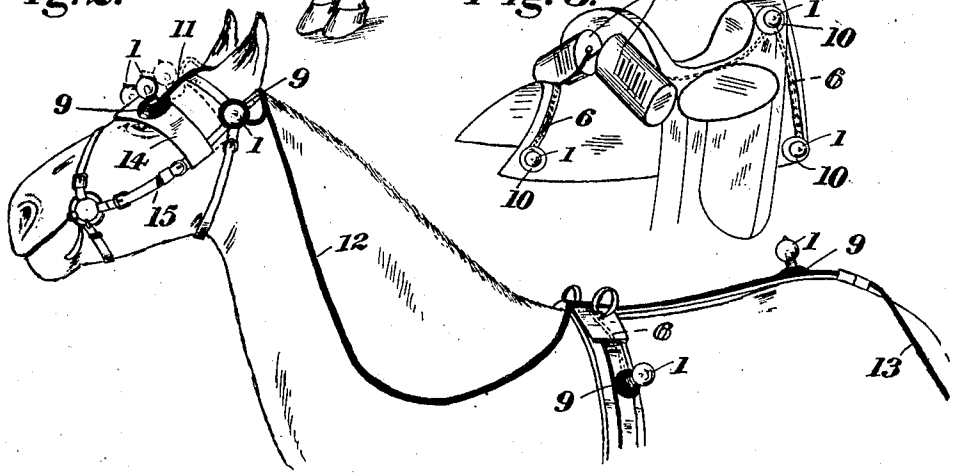


Fig. 3.

Fig. 4.

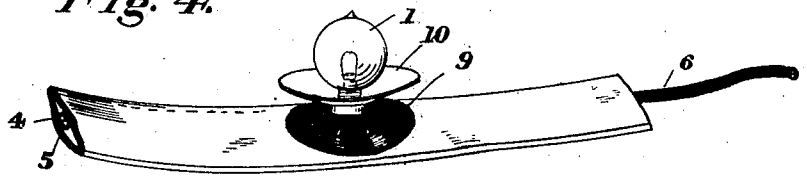
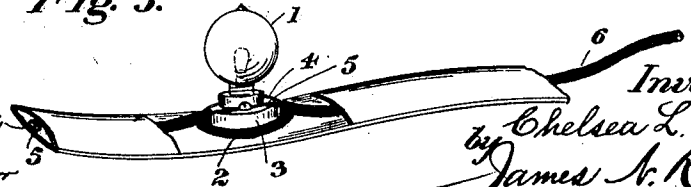


Fig. 5.



Witnesses.

Harry Henke

H. Chelsea O'Connor

Inventor

Chelsea L. Warner

by James N. Ramsey

Attorney.

UNITED STATES PATENT OFFICE.

CHELSEA L. WARNER, OF CINCINNATI, OHIO.

TRAPPINGS FOR HORSES.

No. 904,031. Specification of Letters Patent. Patented Nov. 17, 1908.

Application filed June 2, 1906. Serial No. 319,808.

To all whom it may concern:

Be it known that I, CHELSEA L. WARNER, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Trappings for Horses, of which the following is a specification.

My invention relates to improvements in trappings for horses whereby incandescent lamps are placed thereon at suitable intervals for the purpose of illumination.

The object of my invention is to provide safe and efficient means for applying incandescent lamps to trappings for horses and to so construct said trappings that insulated conductors for carrying the electric current may be embedded therein except at intervals where play must be allowed for the movement of the horse's head or for adjustment of parts of the trappings. By this means all trimmings on said trappings are illuminated by night while during the day reflectors in combination with said lamps serve to decorate.

My invention consists in providing a battery, an insulated conductor connected thereto and embedded in the trappings, electric incandescent lamps connected to said conductor at suitable intervals and suitable connections to allow of the adjustment of the trappings and movement of the horse's head.

My invention also consists in the combination and arrangement of parts and the details of construction as set forth and claimed herein.

In the accompanying drawings: Figure 1 is a perspective view of a horse and gig showing my invention applied thereto. Fig. 2 is an enlarged view of a horse with my invention applied thereto. Fig. 3 is a perspective view of a saddle showing my device applied thereto. Figs. 4 and 5 are detail perspective views.

The trappings for the horse are provided with incandescent lamps 1 fixed thereto, each having an insulated base 2 interposed between it and its socket 3. Insulated wires 4 and 5 are connected to each lamp through its socket and comprise a conductor 6 therefrom to a battery 7 carried by the vehicle 8 which may be a gig, runabout, four-in-hand or any style of carriage desired. A rubber cap 9 is used to cover and insulate the connection of the lamps with the conductor. A reflector 10 is preferably used to increase the light and is mounted in connection with the lamps 1. Insulated connections 11, 12 and 13 are provided where play is desired and to allow of the adjustment of the blind 14 on the bridle 15 as indicated by the dotted lines in Fig. 2. The globes for the incandescent lamps may all be of a uniform color or may be varied in color to give the trappings a more striking appearance. A switch (not shown) is provided in connection with the battery. When used in connection with the saddle suitable batteries 16 are provided preferably of the construction shown in Fig. 3 and adapted to be covered in a suitable manner so as to be hid from view.

By referring to Figs. 4 and 5, it will be observed that the strap is formed of a top and a bottom member connected at their side edges and forming a hollow interior for reception of the wires 4 and 5. As shown in Fig. 5, the top member is cut away to provide for the reception of socket 3 of lamp 1. Rubber cap 9 extends over socket 3 and covers the opening made in the top member of the strap, being provided with an opening to receive the top part of socket 3.

When it is desired to illuminate the harness turn the switch at the battery end which completes the circuit and allows the current to be conducted to the various lamps and produce the lights desired for illuminating the trappings without injury to the horse and producing lights in front and at the sides of the horse, thus rendering the same valuable as a light and attractive as a means of ornamentation. It will be seen, therefore, that, by the use of this combination, sufficient light is afforded for any use which may be required of a horse after dark in addition to its ornamenting the harness.

I claim:

In combination with a strap composed of a top and a bottom member connected at their side edges, an incandescent lamp having a socket, said top member of the strap being cut away, an insulated base secured to

said bottom member in said cut away part, said lamp socket being secured to said insulated base, a rubber cap having an opening through which the top part of said lamp socket projects, said rubber cap extending over and secured to said top member so as to completely cover the cut away part thereof, and wires in the strap between said top and bottom members thereof.

CHELSEA L. WARNER.

Witnesses:
JAMES N. RAMSEY,
M. REBECCA O'CONNOR.