To all whom it may concern:

Be it known that we, JOSEF HECTOR LEMANS and SIEKS LOUWS GROENEWOU, of Edam, in the Province of Saskatchewan and Dominion of Canada, have invented certain new and useful Improvements in an Adjustable Horse Collar, of which the following is a specification.

This invention relates to new and useful improvements in horse collars and has for its principal object to provide a device of the character described which may be adjusted to various sizes so as to fit properly around the neck of a horse and obviate the necessity of having to use the usual sweat-pads.

A further object of the invention is to provide an adjustable horse collar of the above mentioned character, which may be readily and easily adjusted to the proper size and held in the proper adjusted position so as to prevent the collar from moving around on the neck of the horse.

A still further object of the invention is to provide a device of the above mentioned character, which is simple in construction, inexpensive, strong and durable and furthermore adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing forming a part of the specification and in which like numerals designate like parts throughout the same.

Figure 1 is a side elevation of a horse collar with my invention associated therewith.

Figure 2 is an enlarged fragmentary side elevation with parts shown in section of the detail construction of the adjusting means, and

Figure 3 is a sectional view taken approximately on line 3—3 of Figure 2.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of our invention, the numeral 1 designates a horse collar which is of the usual construction and comprises the cooperating sections 2 and 3, the upper ends of which are fastened together in the usual manner. Secured within the rim portion of the section 2 in the lower end thereof is the tubular member 4, any suitable fastening means such as is shown at 5 being provided for securing the tubular member in position within the rim of the lower portion of the section 2. The tubular member 4 has its internally threaded portion 6 extending outwardly from the lower end of the rim of the section 2 in the manner clearly illustrated in the drawing and the purpose thereof will hereinafter be more fully described. The inner end of the tubular member 4 is curved to conform to the contour of the rim of the section 2 of the collar and extends upwardly into the rim for a suitable distance. An extension plate 7 which may be either cast or welded to the tubular member, depends therefrom and is disposed in the after-wale of the lower end of the section 2.

The plate 7 is formed of any suitable metallic material which is adapted to be bent or curved so as to conform with the shape of the after-wale of the section 2 of the collar. Any suitable fastening means such as is shown at 10 extends through the after-wale and plate 7 for securing the latter in position within the collar.

Secured to the rim portion of the lower end of the section 3 is the cylindrical rod 11, the same being supported in position in the rim of the lower end of the section 3 of the collar 1 by the fastening pins 12. The outer end of the rod 11 extends outwardly from the lower end of the section 3 and is externally threaded as shown at 13 in the drawing, and is adapted to cooperate with the threaded sleeve 8 of the tubular member 4 in the manner as will hereinafter be more fully described.

The rod 11 is further provided with an extension 14, which is similar to the extension 7 formed on the tubular member 4, and the same is also secured to the rod by either welding or casting the same thereto. The extension 14 is preferably of the same material as the plate 7 and also extends downwardly into the after-wale of the section 3 of the collar and being of plate like formation, the same will be curved or bent to conform to the shape of the after-wale of the section 3. A filling 15 extends around the cylindrical rod 11 and on opposite sides of the plate 14 and suitable fastening means such as shown at 16 extends through the after-wale, the filling 15 and the plate 14 for holding the latter in proper position within the section 3.
In adjusting the collar 1 to the proper size, the threaded shank 13 is adapted to be received in the threaded sleeve 6 and by turning either of the sections, while the other section is held stationary, the lower ends of the sections will be brought together or separated, as the case may be, until the desired size is obtained. The nut 17 which is threaded on the threaded shank 13 is then brought into engagement with the outer end of the threaded sleeve 6 so as to prevent any possibility of the threaded shank 13 from becoming disengaged from the threaded sleeve 6.

By providing an adjustable horse collar of the above mentioned character, the use of the usual sweat-pad for holding the collar in position on the neck of the horse is eliminated and furthermore the simplicity of our device enables the same to be readily and easily adjusted to the proper size and will thus save considerable expense in having to purchase various sizes of collars as is now necessary. The adjusting means when in position on the horse collar will not interfere with the attachment of the harness strap, and furthermore when the adjusting means is fastened, an unbreakable throat is formed.

While we have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention, and the scope of the appended claims.

Having thus described our invention, what we claim is:

A horse collar comprising a pair of cooperating sections secured together at their upper ends, a tubular member secured in the rim of the lower end of one of said sections and having an internally threaded sleeve extending outwardly therefrom, a rod secured in the rim portion of the lower end of the other section and having its outer end extending beyond the lower end of the aforementioned section and being externally threaded, said threaded sleeve adapted to receive the threaded shank, and depending plates carried by the tubular member and said rod respectively and adapted to be secured in the after-wale of each of said sections.

In testimony whereof we affix our signatures.

JOZEF HECTOR LEEMANS.
SIEDS LOUWS GROENEWOUD.