

A. M. GREAN.
COLLAR SUPPORTER.
APPLICATION FILED APR. 14, 1910.

1,083,398.

Patented Jan. 6, 1914.

FIG. 1.

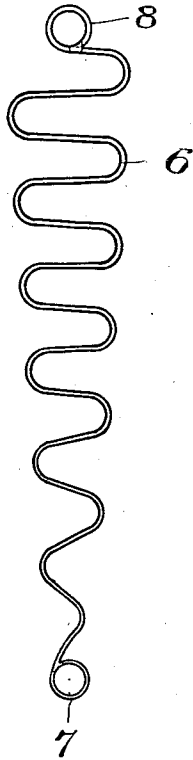


FIG. 2.

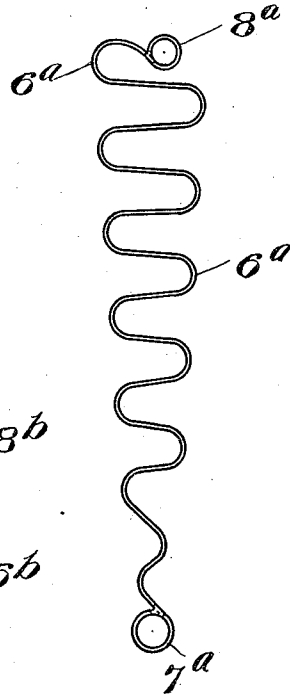


FIG. 3.

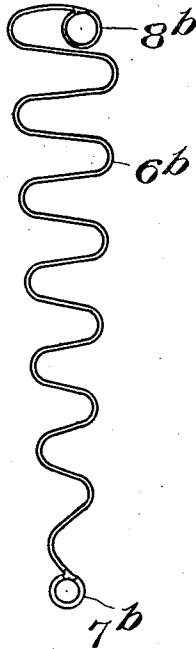
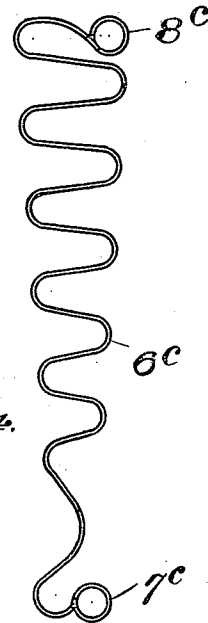


FIG. 4.



WITNESSES

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FIG. 5.

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9
by *Alexander M. Grean*
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UNITED STATES PATENT OFFICE.

ALEXANDRE M. GREAN, OF NEW YORK, N. Y.

COLLAR-SUPPORTER.

1,083,398.

Specification of Letters Patent.

Patented Jan. 6, 1914.

Application filed April 14, 1910. Serial No. 555,383.

To all whom it may concern:

Be it known that I, ALEXANDRE M. GREAN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Collar-Supporters, of which the following is a specification.

The present invention relates to collar supporters of the type disclosed in my co-pending application, Serial No. 555,382, filed April 14, 1910, and the object is to provide an improved article that is even less conspicuous than that disclosed in the said co-pending application, at the same time, the necessary resiliency and means for securing it in place being retained.

In the accompanying drawings, several embodiments of the invention are disclosed, Figure 1 being a side elevation on an enlarged scale of one form of construction, and Figs. 2, 3 and 4 being similar views of modifications. Fig. 5 is a detail sectional view on an enlarged scale showing how the wire may be covered.

Similar reference numerals designate corresponding parts in all the figures of the drawings.

In the embodiment disclosed in Fig. 1, a single wire is employed that is bent into a series of oppositely disposed serpentine loops 6, each successive loop being shorter than the one before it, thus producing a tapered body, the shorter loops being also preferably widened, as illustrated. The narrow end of the body has a terminal eye 7, which constitutes means by which the device can be secured in place, as well as forming a protecting terminal. The other end is formed into a closed eye or loop 8 that is of less diameter than the width of the loops. The wire employed is preferably of comparatively fine gage, but rather highly tempered, so that although the said supporter will bend readily in any direction, it will always reassume its original position and shape when released from any lateral or longitudinal strains.

In Fig. 2, a tapered zigzag body 6^a is provided, similar to the form already described, the narrow end having a terminal eye or closed loop 7^a and the larger end having a corresponding terminal eye or loop 8^a. This eye is located within the general confines of the body by bending inwardly the terminal loop 6^a, as shown, said loop thus

forming an additional part that can be readily secured to the collar.

In Fig. 3, a body of reversely disposed serpentine loops 6^b is employed, the loops being successively shorter and the body terminating at one end in an eye 7^b, the other end having a terminal eye 8^b that is arranged within the terminal loop.

Referring now to Fig. 4, it will be noted that the body, as in the other forms, is produced by bending the wire into serpentine loops 6^c, each of which is successively shorter than the one preceding it. The end of the wire at the narrow end of the body is bent into a closed eye 7^c that is offset. The opposite end of the body has a terminal eye 8^c that is disposed in substantial alinement with the side of the body.

These devices, as already described, are preferably constructed of wire, and may, if desired, be covered with suitable material, as for instance, wrapped with one or more strands of fiber. Thus in Fig. 5, the wire is shown at 9 and the covering or wrapping is designated 10.

From the foregoing, it is thought that the construction, operation and many advantages of the herein described invention will be apparent to those skilled in the art, without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

1. As an article of manufacture, a collar supporter formed of a spring wire that is bent into oppositely extending serpentine loops, each loop beginning at one end, being successively shorter than the adjacent loop and forming a body that tapers longitudinally throughout its length and that will spring laterally in every direction and can be longitudinally extended and compressed.

2. As an article of manufacture, a collar supporter formed of a spring wire that is bent into oppositely extending serpentine loops, beginning at one end, each loop being successively shorter than the adjacent loop and forming a body that tapers from one end to the other that will spring laterally

in every direction and can be longitudinally extended and compressed, the ends of said body being provided with closed terminal eyes, the one at the larger end being of less
5 diameter than the width of the adjacent loop.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

ALEXANDRE M. GREAN.

Witnesses:

SILAS C. BALDWIN,
WALTER F. AERY.

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