This invention relates to spring belts, braces, garters, sock suspenders, bands and
the like of the type comprising a spring band
formed from wire bent from side to side in a
zig-zag fashion with loop coils at the bends of
the wire, suitable connecting or attachment
parts or other fittings being secured to the
band.

The object of the present invention is to
provide an improved and more efficient method
of securing the connecting or attachment parts or other fittings to the spring bands
whereby such parts may be more readily
attached and whereby greater security is obtained.

According to the invention the fittings are
provided with back fold, folded-over or loop
or hook parts be closed or returned transverse ends of which have oppositely-directed
edge portions engaged laterally between lon-
gitudinally adjacent coils of the band.

Figure 1 of the accompanying drawings is
a front elevation of a spring waist-belt con-
structed according to the present invention.

Figure 2 is a view on a larger scale showing the spring band in elevation and the
leather fittings or attachments in section.

Figure 3 is a longitudinal section through
the belt.

Figure 4 is a view showing the clip for se-
curing the two springs, in front elevation
and upon a larger scale than is shown in
Figure 2.

Figure 5 is a similar view but showing the
rear side of the clip.

Figure 6 is a section on line 6—6, Figure 5.

Figures 7 and 8 show the leather fittings in
their initial flat form before being attached
to the spring band and folded over.

Figure 9 shows a modified method of securing
the ends of the two springs together,
the leather buckle-carrying fitting being
shown in section.

Figure 10 is a rear elevation of a belt showing
a modified method of attaching it to the
band.

Figure 11 shows the leather buckle-carrying
fitting of this modification, partly in sec-

uation of the invention as applied to braces.

Figure 24 is a sectional view, on a larger scale, showing how one of the end fittings
is secured to the shoulder bands.

Figure 25 is a side elevation of the braces
to the same scale as Figure 24.

Figure 26 is a cross-section on line 26—26, 

In carrying out the invention in connec-
tion with a spring waist belt as shown in
Figures 1 to 8 of the drawings, the spring
band forming the main part of the belt is,
in the example shown, composed of three lon-
gitudinal sections A, B, C. The section A
is connected at opposite ends respectively
to a leather strap or tab 1 carrying the buckle
2 and to a leather tab or fitting 3 engaging a
ring 4 which may carry a hook 5. The section
B is connected at opposite ends to a
leather tab or fitting 6 on the said ring 4 and
to another similar leather tab or fitting 7
engaging a ring 8 carrying a hook 9; and
an end fitting provided with a returned part
having oppositely-directed edge portions engaged laterally between longitudinally adjacent coils of the spring band, and a metal clip device for securing together the end parts of the side-by-side springs, said clip device having tongues passed through coils of both the springs and bent over.

3. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band comprising two side-by-side component springs each formed from wire bent from side to side with loop coils at the bends, of an end fitting comprising a main part lying over one face of an end of the band, and a folded part of less width having its opposite edges engaged between longitudinally adjacent coils along the inner edges of the respective component springs, and means for securing said component springs together on both sides of the folded part of the end fitting.

4. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band consisting of two side-by-side springs each formed from wire with loop coils at opposite sides, of an end fitting consisting of a flexible strap having a main part lying over the face of one end of the band, a part of reduced width intermediate the ends and a folded-back extremity folded about the reduced part and secured to the main part to form a loop enclosing the end of the band, the opposite edges of said reduced part being engaged laterally between longitudinally adjacent coils on the inner edges of the respective springs, and means for securing together the ends of the said two springs within the loop.

5. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band formed from wire with longitudinal rows of loop coils, of an end fitting of flexible material having a body portion and an end portion turned over and secured to the body portion to form a loop, the bight of said loop having a plurality of edge portions engaged between adjacent coils of different longitudinal rows of the band, a pair of the coils within the loop engaging the bight of the loop.

6. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band formed from wire with loop coils at opposite edges, of a flexible fitting having a body portion and an end portion turned over and secured to the body portion to form a loop, said loop having an aperture in the bight thereof through which the end of the spring band is passed so that the parts of the loop on opposite sides of the aperture engage between longitudinally adjacent coils of the spring band.

7. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band consisting of two side-by-side springs each formed from wire with longitudinal rows of loop coils at opposite sides, of an end fitting having a main part lying over the face of one end of the band, an intermediate portion, and a folded-back extremity folded about the intermediate portion, said intermediate portion having edge portions engaged between adjacent coils of the longitudinal rows of the respective springs.

8. In belts, braces, garters, sock suspenders, and other bands, the combination with a spring band consisting of two side-by-side springs each formed from wire bent from side to side with loop coils at the bends, of an end fitting made of flexible material having a main part lying over the face of one end of the band, a folded over part secured to the main part of the band to form a loop enclosing the end of the band, the folded portion being engaged laterally between longitudinally adjacent coils of the band and having an aperture, and a longitudinal lacing cord joining together the adjacent edges of the two springs of the band, the said lacing cord being passed into the loop through the aperture in the folded part of the fitting.

PATRICK ALPHONSUS MARTIN.
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A. J. McCLOSKEY

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Arthur J. McCloskey

Inventor

By Clarence O'Brien

Attorney