Dec. 19, 1961 N. R. NELKIN 3,013,561

SURGICAL SUPPORT

Filed Feb. 29, 1960

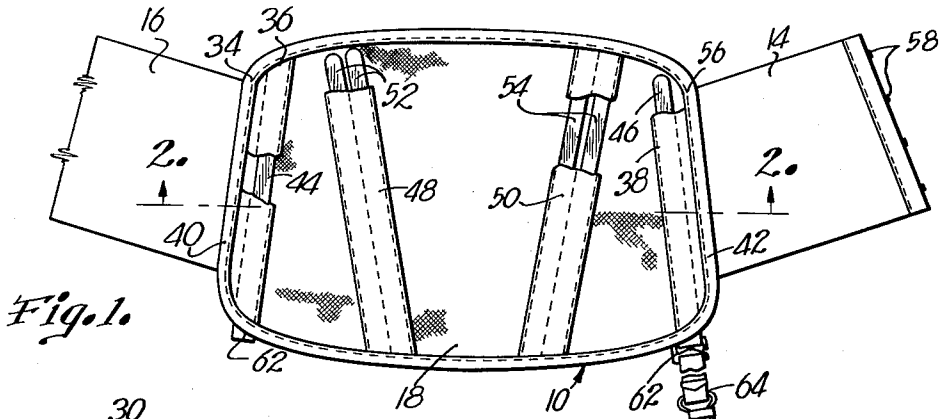


Fig. 1.

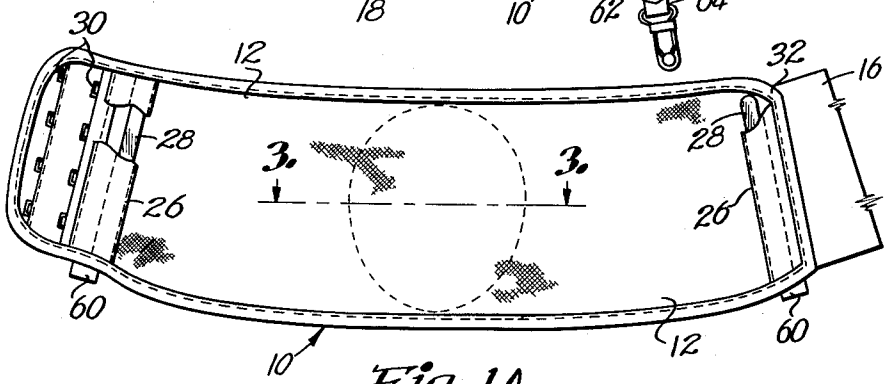
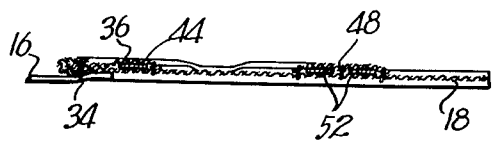


Fig. 1A.



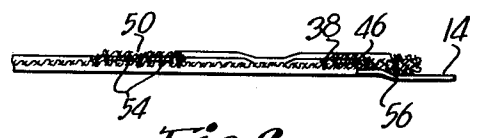


Fig. 2.

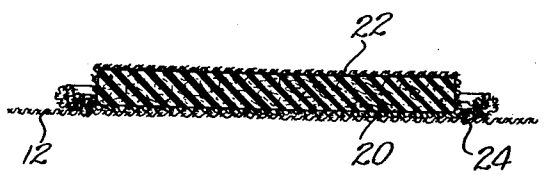


Fig. 3.

INVENTOR.
Nedwyn R. Nelkin

BY

Harvey, Schmidt, Johnson & Harvey
ATTORNEYS.

United States Patent Office 3,013,561 Patented Dec. 19, 1961

3,013,561

SURGICAL SUPPORT

Nedwyn R. Nelkin, Overland Park, Kans., assignor to H.G. Enterprises, Kansas City, Mo., a partnership consisting of Henry G., Ann R., Cecil, Nedwyn R., and Edna Nelkin, and Eugene and Elaine Goldstein

Filed Feb. 29, 1960, Ser. No. 11,909
3 Claims. (Cl. 128—520)

This invention relates to a surgical support and more particularly to a belt adapted to be worn by women, which belt simultaneously gives support to the back and abdomen of the wearer.

It is the most important object of this invention to provide a surgical support in the nature of a body encircling belt, which belt has a pad intermediate the ends thereof and a panel section integral with the belt and disposed oppositely to the pad when the belt is in place upon the wearer's body whereby the pad will give support to the back of the wearer and the panel section will give support to the abdomen of the wearer.

A yet further object of this invention is to provide a surgical support in the nature of a body encircling belt having a pad and a panel section, there being elastic stretches interconnecting that portion of the belt carrying the pad and the panel section of the belt when the latter is in position upon the wearer's body.

A yet further aim of the present invention is to provide a surgical support for women in the nature of a body encircling belt, which belt not only supports the back and abdomen of the wearer but which also has stretches of elastic material forming a part of the belt which serve to firmly position the belt upon the body of the wearer.

Other objects of the present invention include the manner in which the portions of the surgical support are interconnected to form a body encircling belt; the manner and position in which stays are carried by the belt to give additional support to the wearer and other details of construction which will become apparent from the following specification and accompanying drawing wherein:

FIGURE 1 is a laid out, plan view of a portion of the surgical support, parts being broken away to reveal details of construction;

FIG. 1A is a laid out, plan view of the remaining portion of the surgical support, parts being broken away to reveal details of construction;

FIG. 2 is a sectional view taken on line 2—2 of FIG. 1; and

FIG. 3 is a sectional view taken on line 3—3 of FIG. 1A.

The surgical support comprises a body encircling belt **10**, which belt **10** has a non-extensible section **12**, a pair of elastic stretches **14** and **16** and a non-extensible panel **18** disposed between said elastic stretches **14** and **16**.

The non-extensible section **12**, as best seen in FIG. 1A, is comprised of a length of material such as cotton or the like and has disposed centrally thereof a flexible pad **20** which is encased in a suitable material **22** such as tricot, which material overlies the edges of flexible pad **20** and is secured to non-extensible section **12** by stitching or the like as at **24** in FIG. 3. Pad **20** is elliptical in configuration and extends substantially the full width of non-extensible section **12**, said pad **20** being adapted and intended to engage the lower portion of the back of the wearer when body encircling belt **10** is placed on the wearer. The face of non-extensible section **12** opposite to that to which pad **20** is secured is provided with a plurality of pockets **26**, which pockets **26** are disposed at opposite ends of section **12** and receive stays **28** of a semirigid material, said pockets **26** and stays **28** being substantially co-extensive in width with non-extensible section **12**.

The free end of section **12** is provided with two rows of eyes **30** whereby the belt **10** may be secured in body encircling relationship to the wearer. The end of section **12** opposite to that carrying eyes **30** has secured thereto elastic stretch **16**, which sctretch **16** serves to interconnect at all times section **12** with panel **18**. Elastic stretch **16** is substantially the same width as section **12** but of a lesser width than panel **18**. Stretch **16** is secured to section **12** by a line of stitching as at **32** and to panel **18** by a similar line of stitching as at **34**.

Panel **18** is of greater width than the remainder of belt **10** and is preferably of the configuration shown in FIG. 1. A pair of pockets **36** and **38** are formed at the opposite ends of panel **18** and are inclined in such a manner as to be substantially parallel with the outermost end edges **40** and **42** of panel **18**. Pockets **36** and **38**, which are formed by securing an additional piece of material to one face of panel **18**, receive stays **44** and **46** respectively of a semirigid material.

Spaced from pockets **36** and **38** respectively and inclined oppositely thereto are double pockets **48** and **50**, each of said pockets being formed by overlying an additional piece of material to one face of panel **18**, each of pockets **48** and **50** being adapted to receive a pair of stays **52** and **54** respectively. Stays **52** and **54**, like stays **44** and **46**, substantially traverse the width of panel **18** and as a result of said stays being inclined and disposed relative to one another in the manner above described sufficient rigidity is imparted to panel **18** whereby the same, when the belt **10** is in position upon the wearer, may give support to the abdomen of the wearer.

Elastic stretch **14** is secured to edge **42** of panel **18** by a line of stitching such as **56** and carries at its outermost free end a plurality of hooks **58**, which hooks are adapted to engage eyes **30** to secure the belt **10** in place upon the wearer's body.

Secured to the lowermost edges of non-extensible section **12** and non-extensible panel **18** are a pair of loops **60** and **62**, respectively, which loops are adapted to receive garters such as **64**, which garters **64**, when carried by all of loops **60** and **62**, may be used in the conventional manner to support the stockings of the wearer of belt **10**.

As is apparent from the foregoing, belt **10** is adapted to be worn by securing the same about the body of the wearer whereby panel **18** will overlie and support the abdomen of the wearer in a firm manner and pad **20**, being next to the body of the wearer, will give support to the lower portion of the back of the wearer. It is to be further noted that pockets **26** of section **12** and pockets **36**, **38**, **48** and **50** of panel **18** are formed on the faces of section **12** and panel **18**, respectively, which are not in engagement with the body of the wearer, whereby stays **28**, **44**, **46**, **52** and **54** may give the necessary and needed support to the wearer's body without any discomfort resulting from contact of the stays with the body of the wearer. When in the wearing position it will be further appreciated that elastic stretches **14** and **16** serve to hold belt **10** firmly in position upon the body of the wearer and also to give additional support to the waist of the wearer.

As is apparent, there is provided a surgical support, particularly adapted for use by women, which in a single body encircling belt **10**, provides a garter belt which may be used to support the stockings of the wearer and which belt **10** additionally has as a part thereof means for supporting the abdomen of the wearer as by panel **18**, means for supporting the back of the wearer as by non-extensible section **12** and pad **20** carried thereby, as well as means in the form of elastic stretches **14** and **16** for supporting the waist of the wearer in those areas between those contacted by section **12** and panel **18** of belt **10**. Thus belt **10** may be utilized either as a surgical support to support the portions of the body of the wearer above-

mentioned, or may also be used as a garter belt if such be desired, it being noted that in any manner of use complete and firm support is given to the body of the wearer.

Having thus described the invention what is claimed as new and desired to be secured by Letters Patent is:

1. A surgical support comprising a belt adapted to be worm by the person around his waist in encircling relationship thereto and including a nonextensible back engaging section of generally rectangular configuration with the longitudinal length of the back section extending around the wearer's waist; a nonextensible, abdomen engaging panel of generally rectangular configuration with the longitudinal length of the panel extending around the wearer's waist, of substantially shorter length than said back section and having terminal ends in spaced relationship to opposed terminal ends of the back section; elastic bands interconnecting opposed ends of the panel and the back section and of a length to cause the panel and back section to tightly engage the wearer's waist, said panel being of a width substantially greater than the width of the back section and located in disposition with the upper and lower margins thereof above and below the corresponding opposed upper and lower margins of the back section to provide maximum support to the wearer's abdomen only; and a generally elliptical back pad on the central portion of the inner face of the back section and normally positioned to engage the central lower portion of the wearer's back.

2. A surgical support as set forth in claim 1 wherein said panel is provided with a plurality of pockets on the outer face thereof, extending substantially transversely of the panel on opposite sides of the center thereof, and stays of resilient material in each of said pockets and extending substantially the full width of the panel.

3. A surgical support as set forth in claim 1 wherein is provided releasable means connecting one of the bands to the back section to facilitate emplacement on and removal of the support from the wearer's waist.

References Cited in the file of this patent

UNITED STATES PATENTS

747,139	Clark	Dec. 15, 1903
2,100,964	Kendrick	Nov. 30, 1937
2,181,689	Bell	Nov. 28, 1939
2,481,291	Coleman	Sept. 6, 1949
2,730,096	Pease	Jan. 10, 1956
2,733,712	Wuesthoff	Feb. 7, 1956