

(54) **CLOTHING**

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(58) **Field of Classification Search** **450/39,**
450/59, 40, 44, 62-64

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,026,326 A 5/1912 Leporin
1,584,525 A * 5/1926 Freeman 450/62

1,590,693 A * 6/1926 McKeefrey 450/61
1,890,507 A 1/1930 Gifford
1,984,253 A 12/1934 Cox
2,079,426 A 5/1937 Schottenfels
2,406,699 A * 8/1946 Lustig 450/64
2,475,624 A * 7/1949 Laszlo 450/63
2,523,715 A * 9/1950 Panes 450/60
2,793,369 A 4/1954 Panighini
2,734,193 A * 2/1956 Croxall 450/63
3,054,408 A * 9/1962 Cousins 450/60
3,255,754 A 6/1966 Brumberger
3,419,895 A * 12/1968 Stephensen 450/60
3,491,762 A * 1/1970 Simonsen 450/60
3,642,009 A * 2/1972 Nobbs 450/60
3,710,800 A * 1/1973 Carey 450/60

(Continued)

FOREIGN PATENT DOCUMENTS

CH 338801 7/1959

(Continued)

OTHER PUBLICATIONS

European Office Action dated Mar. 26, 2009; 5 pages.

(Continued)

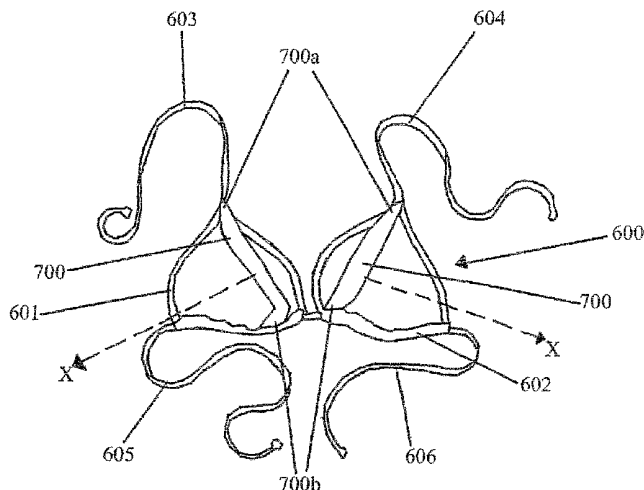
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(57) **ABSTRACT**

The invention relates to a breast support apparatus for use with any garment. The sling or wrap of material is elasticated or "stretchable" and non-slip, for example, being of cotton/polyester. The sling or wrap of material has been shaped as shown with the ends being narrowed to the width of elasticated, connecting strap, the ends being joined to the strap and to one another, for example, by appropriate stitching. The ends of the strap are passed through an opening in metal connecting buckle of the connecting strap. The connecting strap may be used to connect or hook the breast apparatus to an appropriate location on an outer garment.

8 Claims, 9 Drawing Sheets



U.S. PATENT DOCUMENTS

3,769,987	A *	11/1973	Markowitz	450/60
3,934,593	A	1/1976	Mellinger	
3,982,547	A	9/1976	Walker	
4,324,254	A	4/1982	Freedman et al.	
4,343,313	A	8/1982	Le Jeune	
4,372,320	A	2/1983	Silber	
4,655,224	A	4/1987	Stern et al.	
5,171,182	A	12/1992	Heinen	
6,113,460	A	9/2000	McKeown	
6,231,424	B1	5/2001	Valentin	
6,755,717	B2 *	6/2004	Smith	450/1
7,452,260	B2 *	11/2008	Redenius	450/63
7,497,760	B2 *	3/2009	Redenius	450/60
7,549,908	B2 *	6/2009	Yudkoff	450/62
7,645,179	B2 *	1/2010	Redenius	450/60
7,677,951	B2 *	3/2010	Redenius	450/60
2003/0129923	A1	7/2003	Chong et al.	
2003/0186617	A1	10/2003	Sorensen	

FOREIGN PATENT DOCUMENTS

DE	10231636	1/2004
EP	1386548	2/2004
GB	403528	12/1933
GB	435414	9/1935
GB	464114	4/1937
GB	595743	12/1947
GB	809804	3/1959

GB	2208785	4/1989
JP	07 090703 A	4/1994
JP	07090703	4/1995
JP	09 003 706	1/1997
JP	2001/1254207	9/2001
JP	2002 038308 A	2/2002
JP	2002-309404	10/2002
WO	WO 80/00121 A	2/1980
WO	WO 94/10865 A	5/1994
WO	WO007470	2/2000
WO	WO2004012539	2/2004

OTHER PUBLICATIONS

International Search Report, Mailed on Feb. 3, 2006 for PCT/GB2004/005352 that was filed on Dec. 21, 2004.

European Search Report, Date of Completion of Search was Oct. 31, 2003 for EP 02 02 9083 that was filed on Dec. 30, 2002.

Communication pursuant to Rule 70(2) EPC and reference to Rule 39(1) EPC, dated Apr. 7, 2008 for Application No. 07006831.7.

Patents Act 1977—Search Report under Section 17 for Great Britain, Search dated Oct. 15, 2004 for Application No. GB0420999.5.

Patents Act 1977—Further Search Report under Section 17 for Great Britain, Search dated Dec. 3, 2004 for Application No. GB0420999.5.

International Search Report.

* cited by examiner

Figure 1

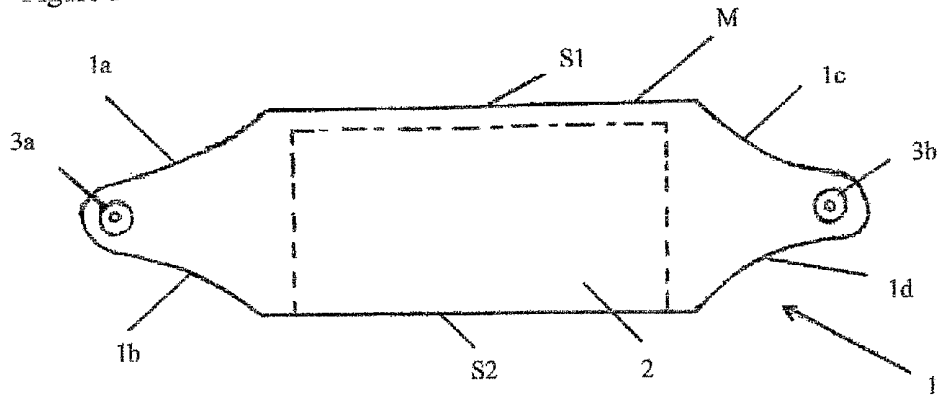


Figure 2

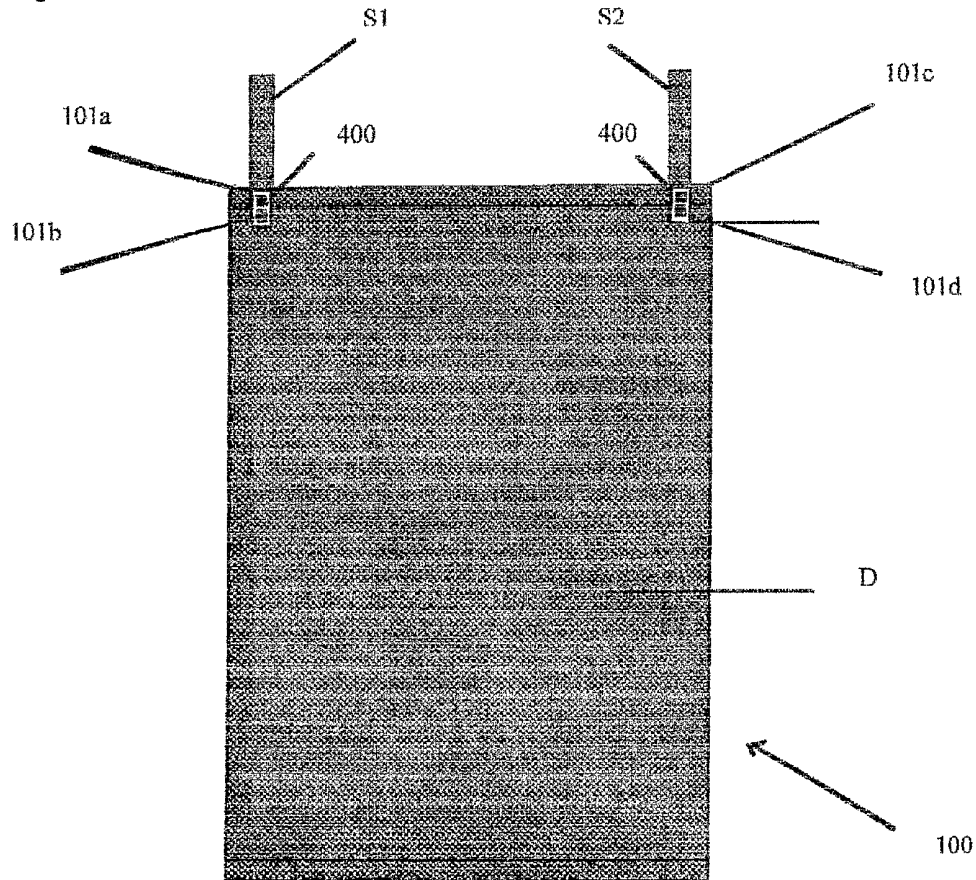


Figure 3

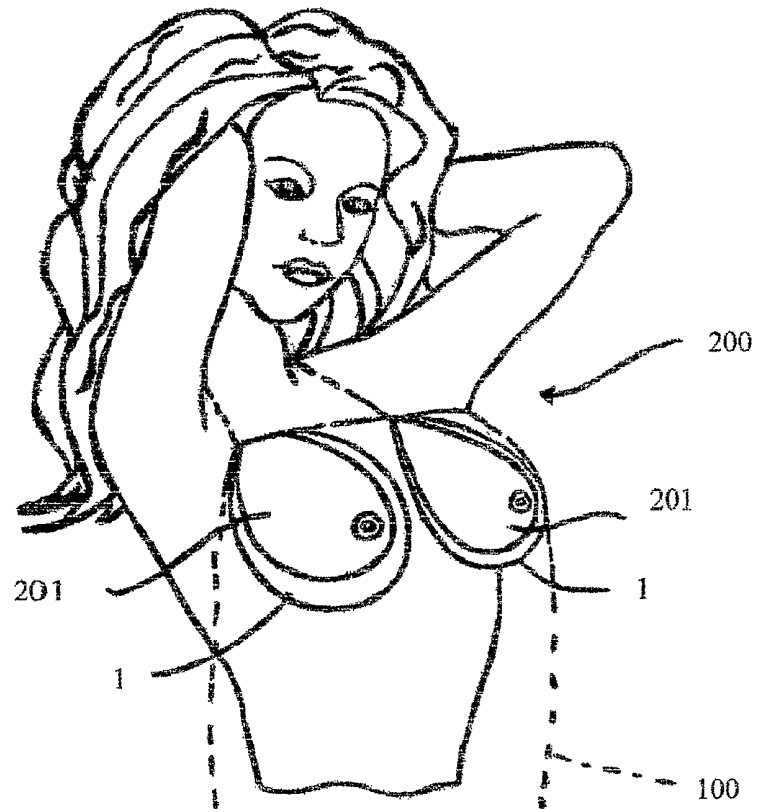
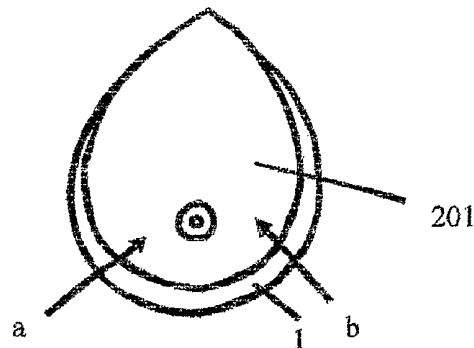
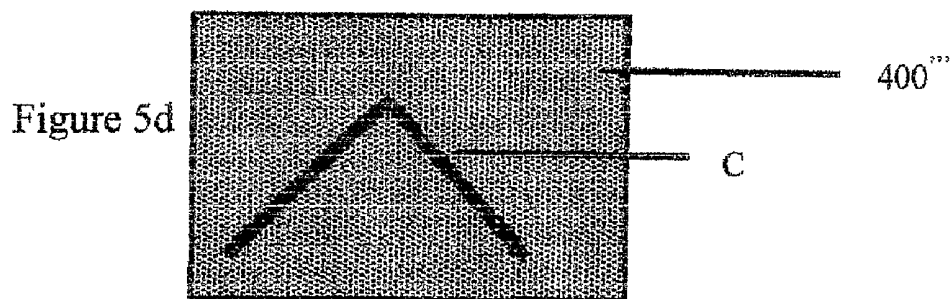
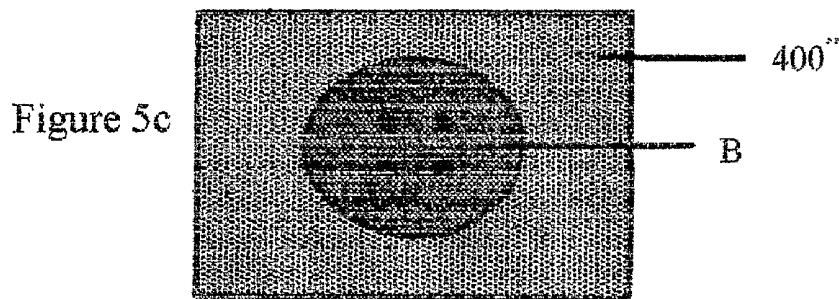
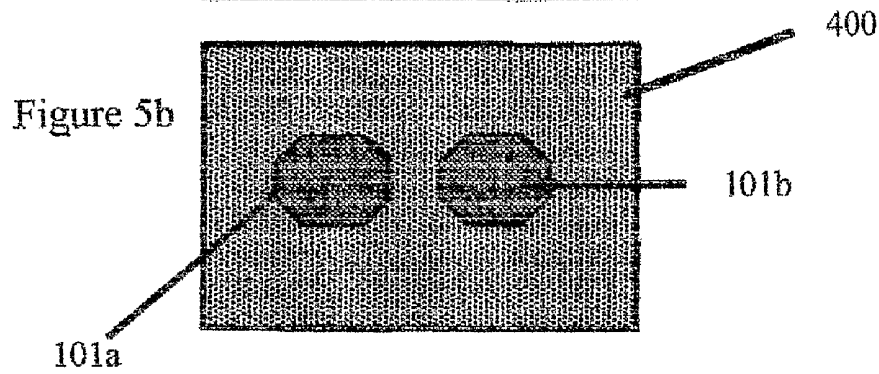
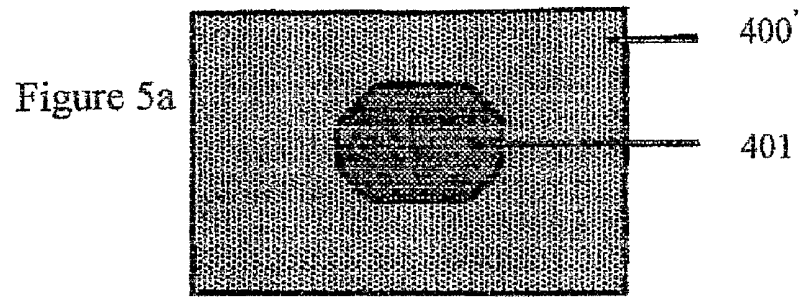


Figure 4





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