



US00D736382S

(12) **United States Design Patent**  
**Mujwid**

(10) **Patent No.:** **US D736,382 S**

(45) **Date of Patent:** **\*\* Aug. 11, 2015**

(54) **SURGICAL INDICATOR WITH BACKERS**

5,203,864 A	4/1993	Phillips
5,209,756 A	5/1993	Seedhom et al.
5,256,133 A	10/1993	Spitz
5,268,001 A	12/1993	Nicholson et al.
5,269,783 A	12/1993	Sander
5,328,077 A	7/1994	Lou
5,337,736 A	8/1994	Reddy

(75) Inventor: **James R. Mujwid**, Minnetonka, MN  
(US)

(73) Assignee: **AMS Research Corporation**,  
Minnetonka, MN (US)

(Continued)

(\*\*) Term: **14 Years**

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/401,193**

AU	2002241673	11/2005
CA	2404459	8/2005

(22) Filed: **Sep. 8, 2011**

(Continued)

(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**

USPC ..... **D24/155**

(58) **Field of Classification Search**

USPC ..... D24/155, 156, 133, 152, 154, 135, 141,  
D24/144-146, 151; 606/194, 198;  
623/23.54, 23.7, 1.16, 903, 1.29;  
604/1.02, 103.02; 128/204.18

See application file for complete search history.

OTHER PUBLICATIONS

“Access Instrument System with AlloSling Fascia” (5 pages with two pages of Instructions for Use).

(Continued)

*Primary Examiner* — Ian Simmons

*Assistant Examiner* — Charles Hanson

(74) *Attorney, Agent, or Firm* — Kagan Binder, PLLC

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,384,073 A	5/1968	Van Winkle, Jr.
3,613,679 A	10/1971	Bijou
3,789,828 A	2/1974	Schulte
4,548,202 A	10/1985	Duncan
4,632,100 A	12/1986	Somers et al.
4,873,976 A	10/1989	Schreiber
4,938,760 A	7/1990	Burton et al.
4,969,892 A	11/1990	Burton et al.
4,979,956 A	12/1990	Silvestrini
5,013,292 A	5/1991	Lemay
5,013,316 A	5/1991	Goble et al.
5,019,032 A	5/1991	Robertson
5,053,043 A	10/1991	Gottesman et al.
5,085,661 A	2/1992	Moss
5,112,344 A	5/1992	Petros
5,141,520 A	8/1992	Goble et al.
5,149,329 A	9/1992	Richardson
5,188,636 A	2/1993	Fedotov

(57) **CLAIM**

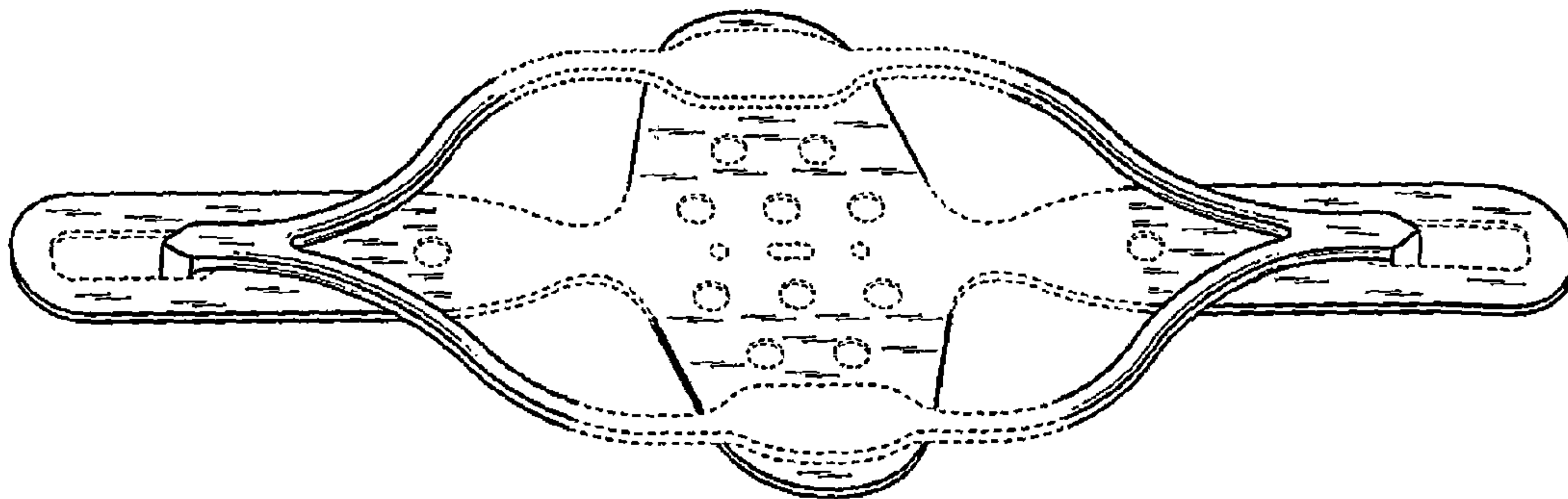
The ornamental design for a surgical indicator with backers, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first surgical indicator with backers of my new design;  
FIG. 2 is a top view thereof;  
FIG. 3 is a bottom view thereof;  
FIG. 4 is a front view thereof, the back view being identical; and,  
FIG. 5 is a left side view thereof, the right side view being identical.

The broken line portions of the drawings are for illustrative purposes only and form no part of the claimed designs.

**1 Claim, 2 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

5,354,292	A	10/1994	Braeuer et al.	6,382,214	B1	5/2002	Raz et al.
5,362,294	A	11/1994	Seitzinger	6,387,041	B1	5/2002	Harari et al.
5,370,662	A	12/1994	Stone et al.	6,406,423	B1	6/2002	Scetbon
5,376,097	A	12/1994	Phillips	6,406,480	B1	6/2002	Beyar et al.
5,383,904	A	1/1995	Totakura et al.	6,423,072	B1	7/2002	Zappala
5,520,700	A	5/1996	Beyar et al.	6,423,080	B1	7/2002	Gellman et al.
5,527,342	A	6/1996	Pietrzak et al.	6,432,074	B1	8/2002	Ager et al.
5,544,664	A	8/1996	Benderev et al.	6,440,154	B2	8/2002	Gellman et al.
5,562,689	A	10/1996	Green et al.	6,451,024	B1	9/2002	Thompson et al.
5,571,139	A	11/1996	Jenkins, Jr.	6,454,778	B2	9/2002	Kortenbach
5,582,188	A	12/1996	Benderev et al.	6,475,139	B1	11/2002	Miller
5,584,860	A	12/1996	Goble et al.	6,478,727	B2	11/2002	Scetbon
5,591,163	A	1/1997	Thompson	6,491,703	B1	12/2002	Ulmsten
5,591,206	A	1/1997	Moufarrege	6,506,190	B1	1/2003	Walshe
5,628,756	A	5/1997	Barker, Jr. et al.	6,544,273	B1	4/2003	Harari et al.
5,643,320	A	7/1997	Lower et al.	6,575,897	B1	6/2003	Ory
5,647,836	A	7/1997	Blake et al.	6,582,443	B2	6/2003	Cabak et al.
5,669,935	A	9/1997	Rosenman et al.	6,592,610	B2	7/2003	Beyar
5,674,247	A	10/1997	Sohn	6,599,235	B2	7/2003	Kovac
5,690,655	A	11/1997	Hart et al.	6,612,977	B2	9/2003	Staskin
5,697,931	A	12/1997	Thompson	6,635,058	B2	10/2003	Beyar et al.
5,709,708	A	1/1998	Thal	6,641,524	B2	11/2003	Kovac
5,725,529	A	3/1998	Nicholson et al.	6,641,525	B2	11/2003	Rocheleau
5,725,541	A	3/1998	Anspach, III et al.	6,648,921	B2	11/2003	Anderson
5,732,475	A	3/1998	Sacks et al.	6,652,450	B2	11/2003	Neisz et al.
5,741,282	A	4/1998	Anspach, III et al.	6,673,010	B2	1/2004	Skiba et al.
5,782,862	A	7/1998	Bonuttie	6,682,475	B2	1/2004	Cox et al.
5,807,403	A	9/1998	Beyar et al.	6,685,629	B2	2/2004	Therin
5,836,314	A	11/1998	Benderev et al.	6,702,827	B1	3/2004	Lund
5,842,478	A	12/1998	Benderev et al.	6,730,110	B1	5/2004	Harari et al.
5,873,891	A	2/1999	Sohn	6,746,455	B2	6/2004	Beyar et al.
5,899,909	A	5/1999	Claren et al.	6,755,781	B2	6/2004	Gellman
5,904,692	A	5/1999	Steckel et al.	6,881,184	B2	4/2005	Zappala
5,922,026	A	7/1999	Chin	6,908,425	B2	6/2005	Luscombe
5,925,047	A	7/1999	Errico et al.	6,908,473	B2	6/2005	Skiba et al.
5,934,283	A	8/1999	Willem et al.	6,911,002	B2	6/2005	Fierro
5,954,057	A	9/1999	Li	6,953,428	B2	10/2005	Gellman et al.
5,972,000	A	10/1999	Beyar et al.	6,960,160	B2	11/2005	Browning
5,980,558	A	11/1999	Wiley	6,974,462	B2	12/2005	Sater
5,984,927	A	11/1999	Wenstrom, Jr.	6,981,944	B2	1/2006	Jamiolkowski
5,988,171	A	11/1999	Sohn et al.	6,981,983	B1	1/2006	Rosenblatt et al.
5,997,554	A	12/1999	Thompson	6,991,597	B2	1/2006	Gellman et al.
6,007,539	A	12/1999	Kirsch et al.	7,025,063	B2	4/2006	Snitkin
6,010,447	A	1/2000	Kardjian	7,025,772	B2	4/2006	Gellman et al.
6,019,768	A	2/2000	Wenstrom et al.	7,048,682	B2	5/2006	Neisz et al.
6,027,523	A	2/2000	Schmieding	7,056,333	B2	6/2006	Walshe
6,036,701	A	3/2000	Rosenman	7,070,558	B2	7/2006	Gellman et al.
6,039,686	A	3/2000	Kovac	7,083,568	B2	8/2006	Neisz et al.
6,042,534	A	3/2000	Gellman et al.	7,087,065	B2	8/2006	Ulmsten et al.
6,042,536	A	3/2000	Tihon et al.	7,112,171	B2	9/2006	Rocheleau et al.
6,048,351	A	4/2000	Gordon et al.	7,112,210	B2	9/2006	Ulmsten et al.
6,053,935	A	4/2000	Brenneman et al.	7,121,997	B2	10/2006	Kammerer et al.
6,056,688	A	5/2000	Benderev et al.	7,198,597	B2	4/2007	Siegel et al.
6,068,591	A	5/2000	Bruckner et al.	7,226,408	B2	6/2007	Harai et al.
6,077,216	A	6/2000	Benderev et al.	7,229,404	B2	6/2007	Bouffier
6,099,551	A	8/2000	Gabby	7,229,453	B2	6/2007	Anderson
6,099,552	A	8/2000	Adams	7,235,043	B2	6/2007	Gellman et al.
6,106,545	A	8/2000	Egan	7,261,723	B2	8/2007	Smith et al.
6,110,101	A	8/2000	Tihon et al.	7,267,645	B2	9/2007	Anderson et al.
6,117,067	A	9/2000	Gil-Vernet	7,285,103	B2	10/2007	Nathanson
6,127,597	A	10/2000	Beyar et al.	7,291,104	B2	11/2007	Neisz et al.
6,142,968	A	11/2000	Pigg et al.	7,297,102	B2	11/2007	Smith et al.
6,168,611	B1	1/2001	Risvi	7,303,525	B2	12/2007	Watschke et al.
6,174,279	B1	1/2001	Girard	7,326,213	B2	2/2008	Benderev et al.
6,200,330	B1	3/2001	Benderev et al.	7,347,812	B2	3/2008	Mellier
6,221,005	B1	4/2001	Bruckner et al.	7,351,196	B2	4/2008	Goldmann et al.
6,241,736	B1	6/2001	Sater et al.	7,351,197	B2	4/2008	Montpetit et al.
6,245,082	B1	6/2001	Gellman et al.	7,364,541	B2	4/2008	Chu et al.
6,264,676	B1	7/2001	Gellman et al.	7,387,634	B2	6/2008	Benderev
6,273,852	B1	8/2001	Lehe et al.	7,402,133	B2	7/2008	Chu et al.
6,306,079	B1	10/2001	Trabucco	7,407,480	B2	8/2008	Staskin
6,319,272	B1	11/2001	Brenneman	7,410,460	B2	8/2008	Benderev
6,322,492	B1	11/2001	Kovac	7,413,540	B2	8/2008	Gellman et al.
6,328,686	B1	12/2001	Kovac	7,422,557	B2	9/2008	Arnal
6,334,446	B1	1/2002	Beyar	7,431,690	B2	10/2008	Merade et al.
				7,494,495	B2	2/2009	Delorme et al.
				7,513,865	B2	4/2009	Bourne et al.
				7,527,588	B2	5/2009	Zaddem et al.
				7,547,316	B2	6/2009	Priewe et al.



(56)

References Cited

U.S. PATENT DOCUMENTS

7,588,598 B2 9/2009 Delorme et al.  
 7,601,118 B2 10/2009 Smith et al.  
 7,621,865 B2 11/2009 Gellman et al.  
 7,637,860 B2 12/2009 MacLean  
 7,686,759 B2 3/2010 Sater  
 7,691,050 B2 4/2010 Gellman et al.  
 7,691,052 B2 4/2010 Gellman et al.  
 7,722,528 B2 5/2010 Arnal et al.  
 7,740,576 B2 6/2010 Hodroff  
 7,753,839 B2 7/2010 Siegel et al.  
 7,762,942 B2 7/2010 Neisz et al.  
 7,762,969 B2 7/2010 Gellman et al.  
 7,766,926 B2 8/2010 Bosley et al.  
 7,789,821 B2 9/2010 Browning  
 7,794,385 B2 9/2010 Rosenblatt  
 7,828,715 B2 11/2010 Haverfield  
 D637,942 S \* 5/2011 Lee et al. .... D11/218  
 8,506,508 B2 \* 8/2013 Avitable et al. .... 601/152  
 2001/0000533 A1 4/2001 Kovac  
 2001/0023356 A1 9/2001 Raz  
 2001/0027321 A1 10/2001 Gellman et al.  
 2001/0041895 A1 11/2001 Beyar et al.  
 2002/0007222 A1 1/2002 Desai  
 2002/0022841 A1 2/2002 Kovac  
 2002/0028980 A1 3/2002 Thierfelder et al.  
 2002/0035369 A1 3/2002 Beyar et al.  
 2002/0050277 A1 5/2002 Beyar  
 2002/0055748 A1 5/2002 Gellman et al.  
 2002/0058959 A1 5/2002 Gellman et al.  
 2002/0082619 A1 6/2002 Cabak et al.  
 2002/0091373 A1 7/2002 Berger  
 2002/0095064 A1 7/2002 Beyar  
 2002/0095163 A1 7/2002 Beyar  
 2002/0095181 A1 7/2002 Beyar  
 2002/0099260 A1 7/2002 Suslian et al.  
 2002/0128681 A1 9/2002 Broome et al.  
 2002/0138025 A1 9/2002 Gellman et al.  
 2002/0147382 A1 10/2002 Neisz et al.  
 2002/0151909 A1 10/2002 Gellman et al.  
 2002/0156487 A1 10/2002 Gellman et al.  
 2002/0156488 A1 10/2002 Gellman et al.  
 2002/0161382 A1 10/2002 Neisz  
 2002/0188169 A1 12/2002 Kammerer et al.  
 2003/0004395 A1 1/2003 Therin  
 2003/0009181 A1 1/2003 Gellman et al.  
 2003/0023136 A1 1/2003 Raz  
 2003/0023137 A1 1/2003 Gellman et al.  
 2003/0023138 A1 1/2003 Luscombe  
 2003/0036676 A1 2/2003 Scetbon  
 2003/0045774 A1 3/2003 Staskin et al.  
 2003/0050530 A1 3/2003 Neisz et al.  
 2003/0065402 A1 4/2003 Anderson et al.  
 2003/0176875 A1 9/2003 Anderson  
 2004/0015057 A1 1/2004 Rocheleau et al.  
 2004/0039453 A1 2/2004 Anderson et al.  
 2004/0073235 A1 4/2004 Lund  
 2004/0193215 A1 9/2004 Harari et al.  
 2004/0225181 A1 11/2004 Chu et al.  
 2004/0267088 A1 12/2004 Kammerer  
 2005/0004576 A1 1/2005 Benderev  
 2005/0038451 A1 2/2005 Rao et al.  
 2005/0131391 A1 6/2005 Chu et al.  
 2005/0131393 A1 6/2005 Chu et al.  
 2005/0199249 A1 9/2005 Karram  
 2005/0245787 A1 11/2005 Cox et al.  
 2005/0256530 A1 11/2005 Petros  
 2005/0277806 A1 12/2005 Cristalli  
 2005/0278037 A1 12/2005 Delorme et al.  
 2005/0283189 A1 12/2005 Rosenblatt et al.  
 2006/0053903 A1 3/2006 Berenyi et al.  
 2006/0058578 A1 3/2006 Browning  
 2006/0089524 A1 4/2006 Chu  
 2006/0089525 A1 4/2006 Mamo et al.  
 2006/0122457 A1 6/2006 Kovac  
 2006/0173237 A1 8/2006 Jacquetin

2006/0195007 A1 8/2006 Anderson  
 2006/0195011 A1 8/2006 Arnal  
 2006/0229493 A1 10/2006 Weiser et al.  
 2006/0229596 A1 10/2006 Weiser et al.  
 2006/0252980 A1 11/2006 Arnal et al.  
 2006/0260618 A1 11/2006 Hodroff et al.  
 2006/0287571 A1 12/2006 Gozzi  
 2007/0015953 A1 1/2007 MacLean  
 2007/0078295 A1 4/2007 Landgrebe  
 2007/0173864 A1 7/2007 Chu  
 2008/0039678 A1 2/2008 Montpetit et al.  
 2008/0072404 A1 3/2008 Wetter  
 2008/0251002 A1 10/2008 Burleigh  
 2009/0005634 A1 1/2009 Rane  
 2009/0012353 A1 1/2009 Beyer  
 2009/0221867 A1 9/2009 Ogdahl et al.  
 2009/0221868 A1 9/2009 Evans  
 2009/0240102 A1 9/2009 Rane et al.  
 2009/0259092 A1 10/2009 Ogdahl et al.  
 2010/0010631 A1 1/2010 Otte et al.  
 2010/0016771 A1 \* 1/2010 Arbesman et al. .... 602/5  
 2010/0094079 A1 4/2010 Inman  
 2010/0152528 A1 6/2010 Chapmenan et al.  
 2010/0168595 A1 7/2010 Lee et al.  
 2010/0174134 A1 7/2010 Anderson et al.  
 2010/0261950 A1 10/2010 Lund et al.  
 2010/0261952 A1 10/2010 Montpetit et al.  
 2012/0221044 A1 \* 8/2012 Archibald et al. .... 606/214  
 2013/0060078 A1 \* 3/2013 Intoccia et al. .... 600/30

FOREIGN PATENT DOCUMENTS

DE 19544162 4/1997  
 DE 20016866 3/2007  
 EP 02048544 A1 12/1987  
 EP 0470308 A1 2/1992  
 EP 0650703 A1 6/1994  
 EP 0643945 A2 7/1994  
 EP 0632999 A1 1/1995  
 EP 1342450 B1 9/2003  
 FR 2787990 A1 7/2000  
 FR 2852817 10/2004  
 IT 1299162 4/1998  
 WO WO9310715 A1 6/1993  
 WO WO9319678 A2 10/1993  
 WO WO9511631 A1 5/1995  
 WO WO9525469 A1 9/1995  
 WO WO9716121 A1 5/1997  
 WO WO9730638 A1 8/1997  
 WO WO9747244 A1 12/1997  
 WO WO9819606 A1 5/1998  
 WO WO9835606 A1 8/1998  
 WO WO9835616 A1 8/1998  
 WO WO9835632 A1 8/1998  
 WO WO9842261 A1 10/1998  
 WO WO9853746 A1 12/1998  
 WO WO9916381 A1 4/1999  
 WO WO9937216 A1 7/1999  
 WO WO9937217 A1 7/1999  
 WO WO9952450 A1 10/1999  
 WO WO9953844 A1 10/1999  
 WO WO9958074 A2 11/1999  
 WO WO9959477 A1 11/1999  
 WO WO0064370 A1 2/2000  
 WO WO0013601 A1 3/2000  
 WO WO0018319 A1 4/2000  
 WO WO0027304 A1 5/2000  
 WO WO0030556 A1 6/2000  
 WO WO0040158 A2 7/2000  
 WO WO0057796 A1 10/2000  
 WO WO0057812 A1 10/2000  
 WO WO0066030 A1 11/2000  
 WO WO0074594 A1 12/2000  
 WO WO0074613 A1 12/2000  
 WO WO0074633 A2 12/2000  
 WO WO0139670 A1 6/2001  
 WO WO0145588 A1 6/2001  
 WO WO0145589 A1 6/2001  
 WO WO0228312 A1 4/2002



(56)

## References Cited

## FOREIGN PATENT DOCUMENTS

WO	WO0228315	A2	4/2002
WO	WO0230293	A1	4/2002
WO	WO0238079	A2	5/2002
WO	WO0239890	A2	5/2002
WO	WO02058673	A1	8/2002
WO	WO02062237	A1	8/2002
WO	WO02069781		9/2002
WO	WO02071953	A2	9/2002
WO	WO02078552	A1	10/2002
WO	WO03013392	A2	2/2003
WO	WO03003778	A1	4/2003
WO	WO03034939	A1	5/2003
WO	WO03068107	A1	8/2003
WO	WO03073960	A1	9/2003
WO	WO03075792	A1	9/2003
WO	WO03086205	A2	10/2003
WO	WO03092546	A2	11/2003
WO	WO03096928	A1	11/2003
WO	WO03096929	A1	11/2003
WO	WO2004012626	A1	2/2004
WO	WO2004016196	A2	2/2004
WO	WO2004017862	A2	3/2004
WO	WO2004045457	A1	6/2004
WO	WO2005004727	A1	1/2005
WO	WO2005037132	A2	4/2005
WO	WO2005046511	A2	5/2005
WO	WO2005048850	A2	6/2005
WO	WO2005079702	A1	9/2005
WO	WO2005094741	A1	10/2005
WO	WO2005112842	A1	12/2005
WO	WO2005122954	A1	12/2005
WO	WO2006007190	A1	1/2006
WO	WO2006015031	A2	2/2006
WO	WO2006031879	A1	3/2006
WO	WO2006069078		6/2006
WO	WO2006108145	A1	10/2006
WO	WO2007002012	A1	1/2007
WO	WO2007002071	A1	1/2007
WO	WO2007011341	A1	1/2007
WO	WO2007014241	A1	2/2007
WO	WO2007016083	A1	2/2007
WO	WO2007016698	A1	2/2007
WO	WO2007027592	A2	3/2007
WO	WO2007059199	A2	5/2007
WO	WO2007081955	A1	7/2007
WO	WO2007097994		8/2007
WO	WO2007137226	A2	11/2007
WO	WO2007146784	A2	12/2007
WO	WO2007149348	A2	12/2007
WO	WO2007149555	A2	12/2007
WO	WO2008057261	A2	5/2008
WO	WO2008124056	A1	10/2008
WO	WO2009005714	A2	1/2009
WO	WO2009017680	A2	2/2009

## OTHER PUBLICATIONS

“Introducing: AlloSling Fascia The Natural Choice Suburethral Sling Procedures”. Advertisement from UroMed Corporation (1 page).

Advantage A/T™, Surgical Mesh Sling Kit, Boston Scientific, 6 pages (2002).

Albert H. Aldridge, B.S., M.D., F.A.C.S., Transplantation of Fascia for Relief of Urinary Stress Incontinence, *American Journal of Obstetrics and Gynecology*, V. 44, pp. 398-411, (1948).

AlloSource product literature (11pages).

Amundsen, Cindy L. et al., Anatomical Correction of Vaginal Vault Prolapse by Uterosacral Ligament Fixation in Women Who Also Require a Pubovaginal Sling, *The Journal of Urology*, vol. 169, pp. 1770-1774, (May 2003).

Benderev, Theodore V., MD, A Modified Percutaneous Outpatient Bladder Neck Suspension System, *Journal of Urology*, vol. 152, pp. 2316-2230 (Dec. 1994).

Benderev, Theodore V., MD, Anchor Fixation and Other Modifications of Endoscopic Bladder Neck Suspension, *Urology*, vol. 40, No. 5, pp. 409-418 (Nov. 1992).

Blaivas, Jerry et al., Pubovaginal Fascial Sling for the Treatment of Complicated Stress Urinary Incontinence, *The Journal of Urology*, vol. 145, pp. 1214-1218 (Jun. 1991).

Blaivas, Jerry et al., Type III Stress Urinary Incontinence: Importance of Proper Diagnosis and Treatment, *Surgical Forum*, pp. 473-475, (1984).

Blavis, Jerry, Commentary: Pubovaginal Sling Procedure, Experience with Pubovaginal Slings, pp. 93-101 (1990).

Bryans, Fred E., Marlex Gauze Hammock Sling Operation With Cooper's Ligament Attachment in the Management of Recurrent Urinary Stress Incontinence, *American Journal of Obstetrics and Gynecology*, vol. 133, pp. 292-294 (Feb. 1979).

Capio™ CL—Transvaginal Suture Capturing Device—Transvaginal Suture Fixation to Cooper's Ligament for Sling Procedures, Boston Scientific, Microvasive®, 8 pages, (2002).

Choe, Jong M. et al., Gore-Tex Patch Sling: 7 Years Later, *Urology*, vol. 54, pp. 641-646 (1999).

Dargent, D. et al., Insertion of a Suburethral Sling Through the Obturator Membrane in the Treatment of Female Urinary Incontinence, *Gynecol Obstet Fertil*, vol. 30, pp. 576-582 (2002).

Decter, Ross M., Use of the Fascial Sling for Neurogenic Incontinence: Lessons Learned, *The Journal of Urology*, vol. 150, pp. 683-686 (Aug. 1993).

Delorme, Emmanuel, Trans-Obturator Sling: A Minimal Invasive Procedure to Treat Female Stress Urinary Incontinence, *Progres on Urologie*, vol. 11, pp. 1306-1313 (2001) English Abstract attached.

Falconer, C. et al., Influence of Different Sling Materials of Connective Tissue Metabolism in Stress Urinary Incontinent Women, *International Urogynecology Journal*, Supp. 2, pp. S19-S23 (2001).

Gynecare TVT Tension-Free Support for Incontinence. The tension-free solution to female Incontinence, *Gynecare Worldwide*, 6 pages, (2002).

Handa, Victoria L. et al, Banked Human Fascia Lata for the Suburethral Sling Procedure: A Preliminary Report, *Obstetrics & Gynecology*, vol. 88 No. 6, 5 pages (Dec. 1996).

Horbach, Nicollette S., et al., Instruments and Methods, A Suburethral Sling Procedure with Polytetrafluoroethylene for the Treatment of Genuine Stress Incontinence in Patients with Low Urethral Closure Pressure, *Obstetrics & Gynecology*, vol. 71, No. 4, p. Intramesh L.I.F.T. Siliconized polyester, Cousin Biotech, 1 page (no date).

Intramesh® L.I.F.T.® Polypropylene Less Invasive Free Tape, Cousin Biotech, 2 pages (no date).

Kersey, J., The Gauze Hammock Sling Operation in the Treatment of Stress Incontinence, *British Journal of Obstetrics and Gynaecology*, vol. 90, pp. 945-949 (Oct. 1983).

Klutke, John M.D. et al, The promise of tension-free vaginal tape for female SUI, *Contemporary Urology*, 7 pages (Oct. 2000).

Korda, A. et al., Experience With Silastic Slings for Female Urinary Incontinence, *Aust NZ J. Obstet Gynaecol*, vol. 29, pp. 150-154 (May 1989).

Kovac, S. Robert, et al, Pubic Bone Suburethral Stabilization Sling: A Long Term Cure for SUI?, *Contemporary OB/GYN*, 10 pages (Feb. 1998).

Mitek Brochure, Therapy of Urinary Stress Incontinence in Women Using Mitek GIII Anchors, by Valenzio C. Mascio, MD.

Morgan, J. E., A Sling Operation, Using Marlex Polypropylene Mesh, for the Treatment of Recurrent Stress Incontinence, *Am. J. Obst. & Gynecol*, pp. 369-377 (Feb. 1970).

Nichols, David H., The Mersilene Mesh Gauze-Hammock for Severe Urinary Stress Incontinence, *Obstetrics and Gynecology*, vol. 41, pp. 88-93 (Jan. 1973).

Niknejad, Kathleen et al., Autologous and Synthetic Urethral Slings for Female Incontinence *Urol Clin N Am*, vol. 29, pp. 597-611 (2002).

Norris, Jeffrey P. et al., Use of Synthetic Material in Sling Surgery: A Minimally Invasive Approach, *Journal of Endourology*, vol. 10, pp. 227-230 (Jun. 1996).

O'Donnell, Pat, Combined Raz Urethral Suspension and McGuire Pubovaginal Sling for Treatment of Complicated Stress Urinary Incontinence, *Journal Arkansas Medical Society*, vol. 88, pp. 389-392 (Jan. 1992).



(56)

**References Cited**

## OTHER PUBLICATIONS

Ostergard, Donald R. et al., *Urogynecology and Urodynamics Theory and Practice*, pp. 569-579 (1996).

Pelosi, Marco Antonio III et al., *Pubic Bone Suburethral Stabilization Sling: Laparoscopic Assessment of a Transvaginal Operation for the Treatment of Stress Urinary Incontinence*, *Journal of Laparoendoscopic & Advanced Surgical Techniques*, vol. 9, No. 1 pp. 45-50 (1999).

Readjustable REMEEX® system, Neomedic International, 8 pages (no date).

Ridley, John H., *Appraisal of the Goebell-Frangenheim-Stoekel Sling Procedure*, *American Journal Obst & Gynec.*, vol. 95, No. 5, pp. 741-721 (Jul. 1, 1986).

SABRE™ Bioabsorbable Sling, Generation Now, Mentor, 4 pages (May 2002).

Sabre™ Surgical Procedure, Mentor, 6 pages (Aug. 2002).

Sloan W. R. et al., *Stress Incontinence of Urine: A Retrospective Study of the Complications and Late Results of Simple Suprapubic Suburethral Fascial Slings*, *The Journal of Urology*, vol. 110, pp. 533-536 (Nov. 1973).

Spencer, Julia R. et al., *A Comparison of Endoscopic Suspension of the Vesical Neck With Suprapubic Vesicourethropexy for Treatment of Stress Urinary Incontinence*, *The Journal of Urology*, vol. 137, pp. 411-415 (Mar. 1987).

Stamey, Thomas A., M.D., *Endoscopic Suspension of the Vesical Neck for Urinary Incontinence in Females*, *Ann. Surgery*, vol. 192 No. 4, pp. 465-471 (Oct. 1980).

Stanton, Stuart L., *Suprapubic Approaches for Stress Incontinence in Women*, *Journal of American Geriatrics Society*, vol. 38, No. 3, pp. 348-351 (Mar. 1990).

Stanton, Stuart, *Springer-Veglag, Surgery of Female Incontinence*, pp. 105-113 (1986).

Studdiford, William E., *Transplantation of Abdominal Fascia for the Relief of Urinary Stress Incontinence*, *American Journal of Obstetrics and Gynecology*, pp. 764-775 (1944).

Suport™, Sub-Urethral Perineal Retro-Pubic Tensionless Sling, Matrix Medical (Pty) Ltd, (no date) 1 pg.

T-Sling® (Totally Tension-free) Urinary Incontinence Procedure, Herniamesh, 2 pages (no date).

TVT Tension-free Vaginal Tape, Gynecare, Ethicon, Inc., 6 pages (1999).

Ulmsten, U. et al., *An Ambulatory Surgical Procedure Under Local Anesthesia for Treatment of Female Urinary Incontinence*, *International Urogynecology Journal*, vol. 7, pp. 81-86 (May 1996).

Ulmsten, Ulf et al., *A Three Year Follow Up of Tension Free Vaginal Tape for Surgical Treatment of Female Stress Urinary Incontinence*, *British Journal of Obstetrics and Gynaecology*, vol. 106, pp. 345-350 (1999).

Ulmsten, Ulf et al., *Intravaginal Slingplasty (IVS): An Ambulatory Surgical Procedure for Treatment of Female Urinary Incontinence*, *Scand J Urol Nephrol*, vol. 29, pp. 75-82 (1995).

Vesica® Percutaneous Bladder Neck Stabilization Kit, A New Approach to Bladder Neck Suspension, Microvasive® Boston Scientific Corporation, 4 pages (1995).

Vesica® Sling Kits, Simplifying Sling Procedures, Microvasive® Boston Scientific Corporation, 4 pages (1998).

Walters, Mark D., *Percutaneous Suburethral Slings: State of the Art*, Presented at the conference of the American Urogynecologic Society, Chicago, 29 pages (Oct. 2001).

Drutz, H.P. et al., *Clinical and Urodynamic Re-Evaluation of Combined Abdominovaginal Marlex Sling Operations for Recurrent Stress Urinary Incontinence*, *International Urogynecology Journal*, vol. 1, pp. 70-73 (1990).

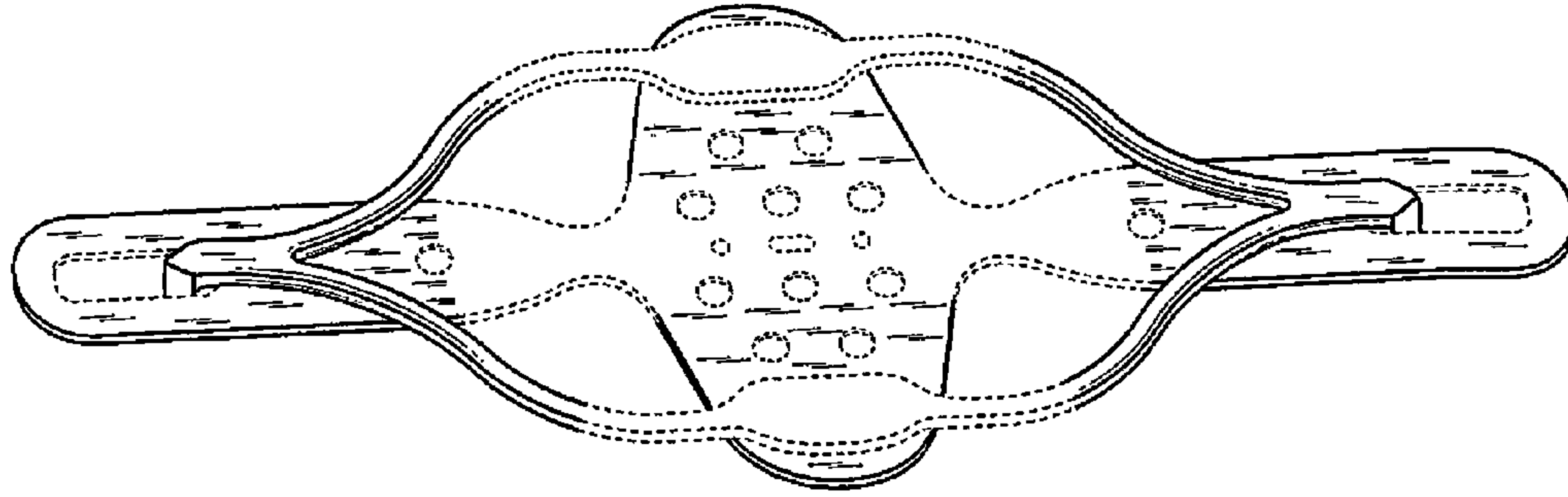
Horbach, Nicollette, *Suburethral Sling Procedures, Genuine Stress Incontinence*, Chapter 42, pp. 569-579.

Precision Twist, Low Profile design for Precise Anchor Placement, Boston Scientific Microvasive, 2001 2 pp.

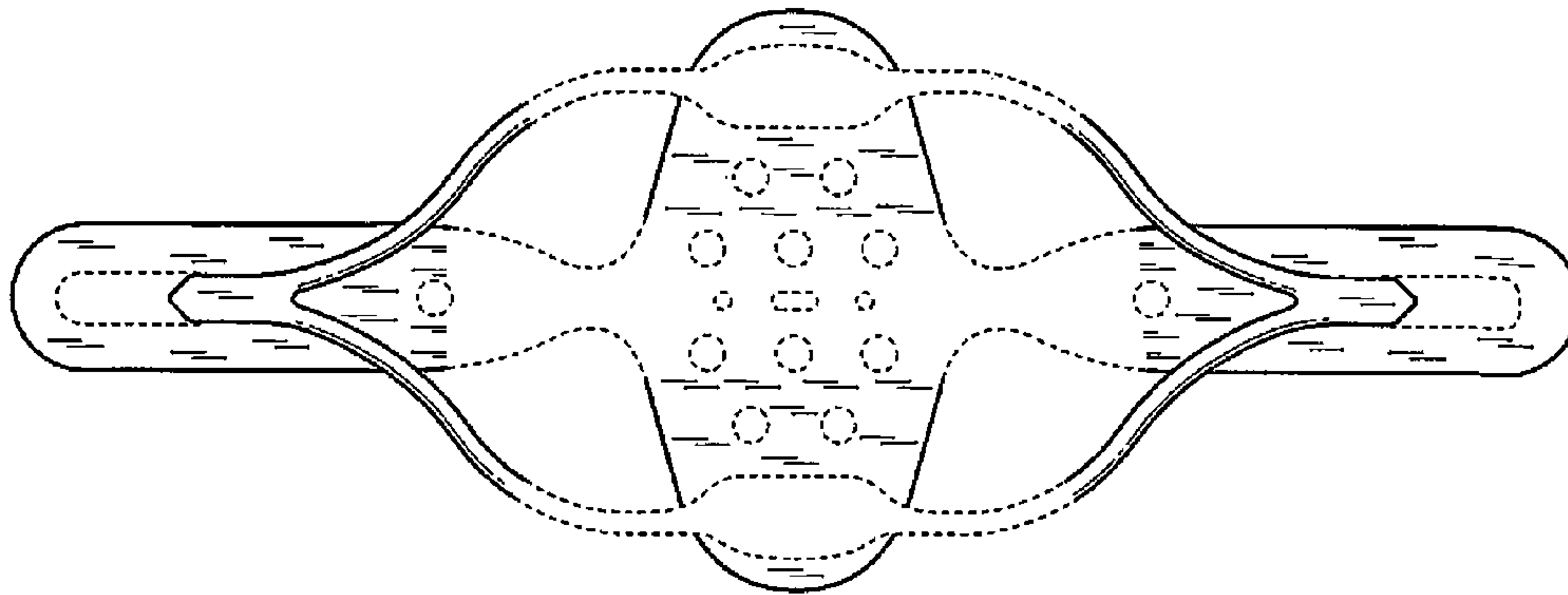
Vesica Sling Kit, Microvasive Boston Scientific, 1997, 6pp.

Precision Tack, The Precise Approach to Transvaginal Sling Procedures, Boston Scientific, 1998, 4pp.

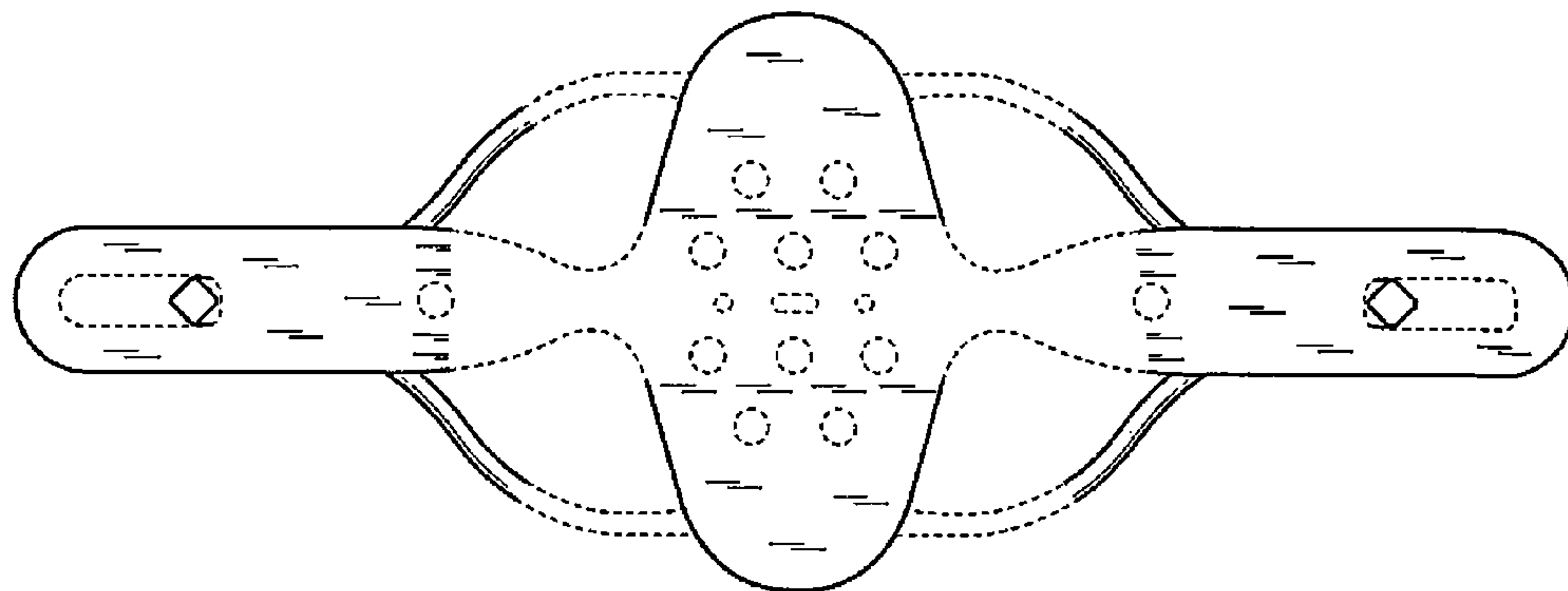
\* cited by examiner



**Fig. 1**



**Fig. 2**



**Fig. 3**

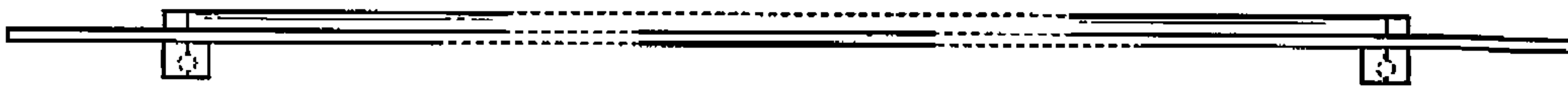


Fig. 4



Fig. 5