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(12) **United States Design Patent** (10) **Patent No.:** **US D979,768 S**
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(54) **RELEASE PAPER FOR WOUND TREATMENT DEVICES**

FOREIGN PATENT DOCUMENTS

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AU 2005-215776 A 9/2005
CA 2262408 A 8/2000

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(Continued)

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OTHER PUBLICATIONS

(**) Term: **15 Years**

Ethicon. Product Catalog. 2018. https://jjmdanimalhealth.com/sites/default/files/2020-12/Ethicon-Product-Catalog-035213-181107_11.pdf (Year: 2018).*

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(Continued)

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Related U.S. Application Data

(57) **CLAIM**

(60) Division of application No. 29/683,074, filed on Mar. 11, 2019, now Pat. No. Des. 907,217, which is a division of application No. 29/613,662, filed on Aug. 11, 2017, now Pat. No. Des. 848,624, which is a
(Continued)

I claim the ornamental design for a release paper for wound treatment devices, as shown and described.

(51) **LOC (14) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/189**

(58) **Field of Classification Search**
USPC D24/189, 191, 192, 195, 198, 208, 188, D24/206
CPC .. A61F 15/008; A61F 15/004; A61F 13/0203; A61F 13/023; A61F 2013/00646; A61F 13/0243; A61F 13/00085; A61F 13/024; A61F 13/0253; A61F 13/0259; A61F 2013/00238; A61M 2025/0246;
(Continued)

DESCRIPTION

FIG. 1 is a perspective view of an ornamental release paper for wound treatment devices in accordance with a third embodiment of the present invention showing my new design;

FIG. 2 is an underside plan view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a front elevation thereof;

FIG. 5 is a rear elevation thereof;

FIG. 6 is a left side elevation thereof; and,

FIG. 7 is a right side elevation thereof.

In the drawings, the evenly-spaced broken lines show portions of a release paper for wound treatment devices that form no part of the claim; the dash-dot-dash lines represent boundaries of the claimed design and form no part thereof. The release paper is for wound treatment devices with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

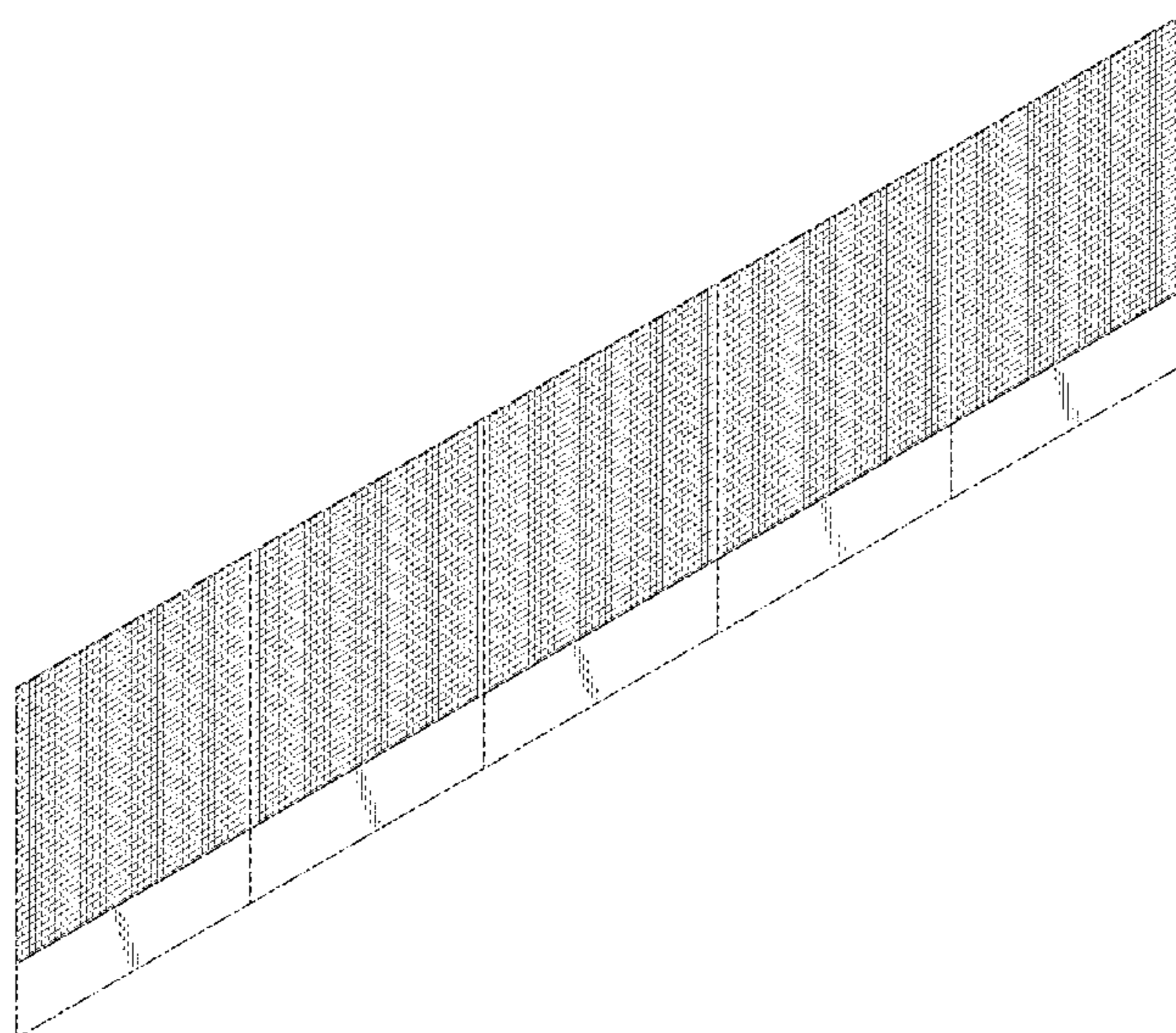
(56) **References Cited**

U.S. PATENT DOCUMENTS

167,162 A 8/1875 French
1,656,199 A 1/1928 Ensley
2,399,545 A 4/1946 Davis

(Continued)

1 Claim, 3 Drawing Sheets



Related U.S. Application Data						
		5,429,589	A *	7/1995	Cartmell	A61B 50/30 602/42
	continuation-in-part of application No. 15/280,303, filed on Sep. 29, 2016, now Pat. No. 10,470,934.	5,429,592	A	7/1995	Jensen	
		5,445,597	A	8/1995	Clark et al.	
		5,449,340	A	9/1995	Tollini	
(58)	Field of Classification Search	D363,126	S	10/1995	Dusek	
	CPC A61M 1/0088; A61M 27/00; A61L 15/22; A61L 15/58	5,456,660	A	10/1995	Reich et al.	
	See application file for complete search history.	5,476,440	A	12/1995	Edenbaum	
		5,486,547	A	1/1996	Matsuda et al.	
		D370,258	S	5/1996	Newman	
		D373,750	S	9/1996	Gunderson	
(56)	References Cited	5,571,079	A	11/1996	Bello et al.	
		5,575,997	A	11/1996	Leung et al.	
		5,582,834	A	12/1996	Leung et al.	
		5,599,858	A	2/1997	Buchanan et al.	
		5,620,702	A	4/1997	Podell et al.	
		5,623,011	A	4/1997	Bernard	
		5,624,669	A	4/1997	Leung et al.	
		D382,343	S	8/1997	Wandell et al.	
		5,653,769	A	8/1997	Barley, Jr. et al.	
		D383,211	S	9/1997	Dunshee et al.	
		5,662,599	A	9/1997	Reich et al.	
		D387,169	S	12/1997	Dunshee et al.	
		D389,244	S	1/1998	Dunshee et al.	
		5,705,551	A	1/1998	Sasaki et al.	
		D391,639	S	3/1998	Dunshee et al.	
		5,749,895	A	5/1998	Sawyer et al.	
		5,762,955	A	6/1998	Smith	
		5,780,048	A	7/1998	Lee	
		5,782,788	A	7/1998	Widemire	
		5,823,983	A	10/1998	Rosofsky et al.	
		5,823,986	A	10/1998	Peterson	
		D402,371	S	12/1998	Haynes et al.	
		D403,425	S	12/1998	Hinds et al.	
		D404,139	S	1/1999	Young	
		5,861,348	A	1/1999	Kase	
		5,876,745	A	3/1999	Muraoka et al.	
		5,902,443	A	5/1999	Kanakubo et al.	
		5,928,611	A	7/1999	Leung	
		D413,389	S *	8/1999	Owen, Jr.	D24/206
		5,931,800	A	8/1999	Rasmussen et al.	
		5,947,917	A	9/1999	Carté et al.	
		5,951,505	A	9/1999	Gilman et al.	
		5,998,694	A	12/1999	Jensen et al.	
		D424,699	S	5/2000	Allen	
		6,093,465	A	7/2000	Gilchrist et al.	
		6,125,265	A	9/2000	Yamamoto et al.	
		6,140,548	A	10/2000	Hansen et al.	
		6,143,352	A	11/2000	Clark et al.	
		6,155,265	A	12/2000	Hammerslag	
		6,183,593	B1	2/2001	Narang et al.	
		D439,973	S	4/2001	Choksi	
		6,217,603	B1	4/2001	Clark et al.	
		6,238,692	B1	5/2001	Smith	
		6,245,960	B1	6/2001	Eaton	
		6,284,941	B1	9/2001	Cox et al.	
		6,310,166	B1	10/2001	Hickey et al.	
		6,329,564	B1	12/2001	Lebner	
		6,352,704	B1	3/2002	Nicholson et al.	
		D458,687	S	6/2002	Dale et al.	
		6,410,818	B1	6/2002	Oyaski	
		6,439,789	B1	8/2002	Balance et al.	
		D463,564	S	9/2002	Siegwart et al.	
		6,455,064	B1	9/2002	Narang et al.	
		6,479,725	B1	11/2002	Brothers	
		6,482,431	B2	11/2002	Smith	
		6,512,023	B1	1/2003	Malofsky et al.	
		D471,984	S	3/2003	Dunshee et al.	
		D472,319	S	3/2003	Oltmann	
		D475,140	S *	5/2003	Anderson	D24/191
		6,559,350	B1	5/2003	Tetreault et al.	
		6,579,469	B1	6/2003	Nicholson et al.	
		6,582,713	B2	6/2003	Newell et al.	
		D477,076	S	7/2003	Wall	
		6,589,269	B2	7/2003	Zhu et al.	
		6,595,940	B1	7/2003	D'Alessio et al.	
		6,596,917	B2	7/2003	Oyaski	
		6,599,318	B1	7/2003	Gabbay	
		6,620,846	B1	9/2003	Jonn et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D480,879 S	10/2003	Boehm et al.	9,000,251 B2	4/2015	Murphy et al.
6,632,450 B1	10/2003	Gregory	RE45,510 E	5/2015	Hisamitsu
6,635,272 B2	10/2003	Leaderman	D728,803 S	5/2015	Sinda et al.
6,652,559 B1	11/2003	Tetreault et al.	D745,688 S	12/2015	Chan et al.
D484,603 S *	12/2003	Kocik D24/189	D745,689 S	12/2015	Chan et al.
6,667,051 B1	12/2003	Gregory	D746,479 S	12/2015	Arefieg
6,712,839 B1	3/2004	Lönne	RE45,864 E	1/2016	Peron
6,787,682 B2	9/2004	Gilman	D746,996 S	1/2016	Karlsson et al.
6,837,027 B2	1/2005	Hickey	D750,789 S	3/2016	Mackay et al.
6,841,716 B1	1/2005	Tsutsumi	D757,950 S	5/2016	Karlsson et al.
6,942,683 B2	9/2005	Dunshee	9,339,417 B2	5/2016	Ogawa
D515,701 S	2/2006	Horhota et al.	9,381,284 B2	7/2016	Cornet et al.
D516,728 S	3/2006	Wall	9,440,010 B2	9/2016	Locke
D520,639 S	5/2006	Dodd et al.	9,492,171 B2	11/2016	Patenaude
7,041,124 B2	5/2006	Purcell	9,623,142 B2	4/2017	Jonn et al.
7,044,982 B2	5/2006	Milbocker	D786,350 S	5/2017	Nakai et al.
7,066,934 B2	6/2006	Kirsch	D786,351 S	5/2017	Nakai et al.
D528,658 S *	9/2006	Mueller D24/189	D786,352 S	5/2017	Nakai et al.
7,122,712 B2	10/2006	Lutri et al.	D786,353 S	5/2017	Nakai et al.
7,144,390 B1	12/2006	Hannigan et al.	D786,972 S	5/2017	Nakai et al.
7,164,054 B2	1/2007	Mori et al.	9,655,622 B2	5/2017	Jonn et al.
D548,348 S	8/2007	Nash	D790,071 S	6/2017	Ahsani
7,252,837 B2	8/2007	Guo et al.	D824,525 S	7/2018	Lacy et al.
D562,461 S	2/2008	Nash et al.	D833,526 S	11/2018	Nakai et al.
7,371,400 B2	5/2008	Borenstein et al.	D848,624 S *	5/2019	Quintero D24/189
D574,962 S	8/2008	Atkins et al.	D857,212 S *	8/2019	Sugaya D24/189
D580,553 S	11/2008	Nash	10,434,211 B2	10/2019	Jonn et al.
D581,467 S	11/2008	Winningham et al.	10,470,934 B2 *	11/2019	Quintero A61F 13/0253
7,457,667 B2	11/2008	Skiba	10,470,935 B2	11/2019	Quintero
D582,561 S	12/2008	Sachi	D907,217 S *	1/2021	Quintero D24/189
D584,415 S	1/2009	Sachi	D936,845 S *	11/2021	Hahn D24/189
7,576,257 B2	8/2009	LaGreca, Sr.	D940,885 S *	1/2022	Bowman A61F 13/00059
D605,299 S *	12/2009	Iwahashi D24/189			D24/189
D611,156 S	3/2010	Dunshee	D959,681 S *	8/2022	Karpman D24/189
7,713,463 B1	5/2010	Reah et al.	D960,376 S *	8/2022	Karpman D24/189
D618,810 S	6/2010	Tanigawa et al.	D960,377 S *	8/2022	Karpman D24/189
D621,052 S	8/2010	Kase	D964,572 S *	9/2022	Kase D24/189
D621,053 S	8/2010	Kase	2001/0002432 A1	5/2001	Bugge
D624,190 S	9/2010	Neri	2001/0028943 A1	10/2001	Mashiko et al.
D632,398 S	2/2011	Bray et al.	2001/0037077 A1	11/2001	Wiemken
D636,881 S	4/2011	Clemens et al.	2002/0018689 A1	2/2002	Badejo et al.
7,943,811 B2	5/2011	Da Silva Macedo, Jr.	2002/0019652 A1	2/2002	DaSilva et al.
7,981,136 B2	7/2011	Weiser	2002/0037310 A1	3/2002	Jonn et al.
7,982,087 B2	7/2011	Greener et al.	2002/0039867 A1 *	4/2002	Curro B32B 38/0012
D646,789 S	10/2011	Barth			442/373
8,343,606 B2	1/2013	Marchitto et al.	2002/0049503 A1	4/2002	Milbocker
8,353,966 B2	1/2013	Day et al.	2002/0185396 A1	12/2002	Mainwaring et al.
D676,490 S	2/2013	Bratter et al.	2002/0192107 A1	12/2002	Hickey
8,372,051 B2	2/2013	Scholz et al.	2002/0193721 A1	12/2002	Vandruff
D679,098 S	4/2013	Ogawa	2003/0031499 A1	2/2003	Heard et al.
D679,402 S	4/2013	Conrad-Vlasak et al.	2003/0050590 A1	3/2003	Kirsch
D679,403 S	4/2013	Heinecke et al.	2003/0093024 A1	5/2003	Falleiros et al.
D679,405 S	4/2013	Arbesman	2003/0100955 A1	5/2003	Greenawalt et al.
D679,819 S	4/2013	Peron	2003/0109819 A1	6/2003	Tsuruda et al.
D679,820 S	4/2013	Peron	2003/0125654 A1	7/2003	Malik
D685,484 S	7/2013	Brambilla	2003/0175824 A1	9/2003	Pishko et al.
8,528,730 B2	9/2013	Grossman	2003/0220596 A1	11/2003	Dunshee
D691,730 S	10/2013	Smith et al.	2003/0225355 A1	12/2003	Butler
D692,566 S	10/2013	Adoni	2004/0001879 A1	1/2004	Guo et al.
D693,010 S	11/2013	Mosa et al.	2004/0060867 A1	4/2004	Kriksunov et al.
D694,892 S	12/2013	Chan et al.	2004/0106888 A1	6/2004	Lutri et al.
8,603,053 B2	12/2013	Riesinger	2004/0120849 A1	6/2004	Stewart et al.
D697,216 S	1/2014	Chan et al.	2004/0142041 A1	7/2004	MacDonald et al.
8,642,831 B2	2/2014	Larsen et al.	2004/0162512 A1	8/2004	Liedtke et al.
8,663,171 B2	3/2014	Tambourgi et al.	2004/0220505 A1	11/2004	Worthley
D705,429 S	5/2014	Cheney et al.	2005/0015036 A1	1/2005	Lutri et al.
D707,829 S	6/2014	Chan et al.	2005/0043820 A1	2/2005	Browning
D708,751 S	7/2014	Chan et al.	2005/0085757 A1	4/2005	Santanello
8,777,986 B2	7/2014	Straehnz et al.	2005/0147457 A1	7/2005	Badejo et al.
D712,045 S	8/2014	Thornton	2005/0153090 A1	7/2005	Marchitto et al.
D713,534 S	9/2014	Manley, Jr.	2005/0154340 A1	7/2005	Schlussel
D713,967 S	9/2014	Adoni	2005/0182443 A1	8/2005	Jonn et al.
D714,575 S	10/2014	Mah	2005/0208100 A1	9/2005	Weber et al.
8,884,094 B2	11/2014	Lockwood et al.	2005/0288706 A1	12/2005	Widomski et al.
D718,812 S	12/2014	Sukhbaatar	2006/0009099 A1	1/2006	Jonn et al.
			2006/0058721 A1	3/2006	Lebner et al.
			2006/0141012 A1	6/2006	Gingras
			2006/0173394 A1	8/2006	Stroock et al.
			2006/0265005 A1	11/2006	Beese

(56)

References Cited

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS

2007/0106195 A1 5/2007 Marcoux et al.
 2007/0218101 A1 9/2007 Johnson et al.
 2007/0272211 A1 11/2007 Kassner
 2007/0282238 A1 12/2007 Madsen et al.
 2007/0299542 A1 12/2007 Mathisen et al.
 2008/0051687 A1 2/2008 Rogers
 2008/0154168 A1 2/2008 Lutri
 2008/0086113 A1 4/2008 Tenney et al.
 2008/0109034 A1 5/2008 Mather et al.
 2008/0110961 A1 5/2008 Voegele et al.
 2008/0167633 A1 7/2008 Vannucci
 2008/0228219 A1 9/2008 Weiser
 2008/0228220 A1 9/2008 Weiser
 2008/0280037 A1 11/2008 Sheridan et al.
 2008/0302487 A1 12/2008 Goodman et al.
 2009/0074842 A1 3/2009 Hsu
 2010/0106120 A1 4/2010 Holm
 2010/0198161 A1* 8/2010 Propp A61M 25/02
 604/180
 2010/0262091 A1 10/2010 Larsson
 2010/0298791 A1 11/2010 Jones et al.
 2011/0047766 A1 3/2011 McAulay et al.
 2011/0071415 A1 3/2011 Karwoski et al.
 2011/0092874 A1 4/2011 Baschnagel
 2011/0130699 A1 6/2011 Madsen et al.
 2011/0208102 A1 8/2011 Chawki
 2011/0253303 A1 10/2011 Miyachi et al.
 2012/0052230 A1 3/2012 Olsson et al.
 2012/0220912 A1 8/2012 Shang
 2012/0238933 A1 9/2012 Murphy et al.
 2012/0277645 A1 11/2012 Kikuta et al.
 2013/0012988 A1 1/2013 Blume et al.
 2013/0041337 A1 2/2013 Aali et al.
 2013/0066365 A1 3/2013 Belson et al.
 2013/0084323 A1 4/2013 Riebman et al.
 2013/0138068 A1 5/2013 Hu et al.
 2013/0143326 A1 6/2013 Tai et al.
 2013/0144399 A1 6/2013 Tai et al.
 2013/0204077 A1 8/2013 Nagale et al.
 2013/0218125 A1 8/2013 Stopek et al.
 2013/0245784 A1 9/2013 Tan et al.
 2013/0274717 A1 10/2013 Dunn
 2013/0282049 A1 10/2013 Peterson et al.
 2013/0317405 A1 11/2013 Ha et al.
 2014/0024989 A1 1/2014 Ueda
 2014/0107561 A1 4/2014 Dorian et al.
 2014/0121649 A1 5/2014 Calco
 2014/0155916 A1 6/2014 Hodgkinson et al.
 2014/0171888 A1 6/2014 Croizat et al.
 2014/0257348 A1 9/2014 Priewe et al.
 2014/0257517 A1 9/2014 Deichmann et al.
 2015/0057491 A1 2/2015 Goddard et al.
 2015/0209186 A1 7/2015 Abbott et al.
 2015/0257938 A1 9/2015 Pensier
 2015/0297413 A1 10/2015 Blanco
 2015/0314114 A1 11/2015 La Rosa
 2015/0351767 A1 12/2015 Zoll et al.
 2016/0030248 A1 2/2016 Potters
 2016/0089145 A1 3/2016 Quintero et al.
 2016/0296673 A1 10/2016 Sambusseti
 2017/0035422 A1 2/2017 Belson et al.
 2017/0056568 A1 3/2017 Shelton, IV et al.
 2017/0056569 A1 3/2017 Vendely et al.
 2017/0189159 A1 7/2017 Bartee et al.
 2017/0273837 A1 9/2017 Brueckner
 2017/0367806 A1 12/2017 Gingras et al.
 2018/0085103 A1 3/2018 Quintero et al.
 2018/0085259 A1 3/2018 Quintero
 2018/0085260 A1 3/2018 Quintero
 2019/0381207 A1 12/2019 Jonn et al.
 2021/0284840 A1* 9/2021 Zhu C09J 175/06

CN 1697639 A 11/2005
 CN 201441532 U 4/2010
 CN 101965169 A 2/2011
 CN 102755216 A 10/2012
 CN 102781433 A 11/2012
 CN 203234898 A 10/2013
 CN 204766892 U 11/2015
 EP 0532275 A 3/1993
 EP 0730874 A 9/1996
 EP 0746293 A1 12/1996
 EP 1161212 A 8/2000
 EP 2359782 A 8/2011
 EP 2377498 A 10/2011
 EP 2731563 A 5/2014
 EP 2531155 A 10/2014
 EP 2805698 A 11/2014
 EP 3574875 A1 12/2019
 GB 2078763 A 1/1982
 JP 59-500046 A 1/1984
 JP 61-203020 A 12/1986
 JP 62-87624 A 6/1987
 JP 01-265967 A 10/1988
 JP 2-140948 A 11/1990
 JP 3-56429 U 5/1991
 JP 06-509966 A 11/1994
 JP 7-016258 A 1/1995
 JP 2001-265967 A 9/2001
 JP 1130927 S 11/2001
 JP 2002-512980 A 5/2002
 JP 2002-521139 A 7/2002
 JP 2002-537068 A 11/2002
 JP 2003-052741 A 2/2003
 JP 2003-153949 A 5/2003
 JP 58-124123 U 1/2004
 JP 2004-24905 A 1/2004
 JP 2006-061263 A 3/2006
 JP 2006-509966 A 3/2006
 JP 2007-522882 A 8/2007
 JP 3147394 U 12/2008
 JP 2009-022730 A 2/2009
 JP 1359502 S 5/2009
 JP 2011-004850 A 1/2011
 JP 1571238 S 3/2017
 JP 1629290 4/2019
 MX 241113 A 10/2006
 WO WO 1983/002586 A 8/1983
 WO WO 1993/004650 A 3/1993
 WO WO 1995/004511 A 2/1995
 WO WO 1996/040797 A 12/1996
 WO WO 1998/026719 A 6/1998
 WO WO 2000/006213 A 2/2000
 WO WO 2000/049983 A 8/2000
 WO WO 2003/008002 A 1/2003
 WO WO 2004/049987 A 6/2004
 WO WO 2005/007020 A 1/2005
 WO WO 2005/051259 A 6/2005
 WO WO 2005/079674 A 9/2005
 WO WO 2006/017109 A 2/2006
 WO WO 2008/082444 A 7/2008
 WO WO 2009/067062 A 5/2009
 WO WO 2010/134873 A 11/2010
 WO 2011152368 A1 12/2011
 WO WO 2013/009725 A 1/2013
 WO WO 2014/083570 A 6/2014
 WO WO 2014/195710 A 12/2014
 WO WO 2015/135351 A 9/2015

OTHER PUBLICATIONS

N/A, "Scar nose & Rinoplasty Surgery—New Gel+Demo:Nose Silicone Gel Sheet (beige)www.newgelplus.com", www.youtube.com, 2012, pp. 1-3, Page Number.
 N/A, "Silagen Silicone Sheeting Strips Review|the skin spot", www.youtube.com, 2017, pp. 1-3, Page Number.
 U.S. Appl. No. 12/207,984, filed Sep. 10, 2008, US-2009-0076542-A1, U.S. Pat. No. 9,655,622, May 23, 2017, Grant, Jonn, et al.

(56)

References Cited

OTHER PUBLICATIONS

- U.S. Appl. No. 15/490,176, filed Apr. 18, 2017, US-2017-0216482, U.S. Pat. No. 10,434,211, Oct. 8, 2019, Grant, Jonn, et al.
- U.S. Appl. No. 15/964,538, filed Apr. 27, 2018, US-2018-0243467, U.S. Pat. No. 10,398,802, Sep. 3, 2019, Grant, Jonn, et al.
- U.S. Appl. No. 16/556,443, filed Aug. 30, 2019, US-2019-0381207, Publication, Jonn, et al.
- U.S. Appl. No. 10/779,721, filed Feb. 18, 2004, US-2005-0182443-A1, Abandoned.
- U.S. Appl. No. 16/556,471, filed Aug. 30, 2019, US-2019-0381206, Publication, Jonn, et al.
- U.S. Appl. No. 12/163,021, filed Jul. 27, 2008, US-2008-0255610-A1, U.S. Pat. No. 9,623,142, Apr. 18, 2017, Grant, Jonn, et al.
- U.S. Appl. No. 15/452,126, filed Mar. 7, 2017, US-2017-0173208, U.S. Pat. No. 10,398,800, Sep. 3, 2019, Grant, Jonn, et al.
- U.S. Appl. No. 10/887,884, filed Jul. 12, 2004, US-2006-0009099-AI, Abandoned.
- U.S. Appl. No. 14/864,033, filed Sep. 24, 2015, US2016-0089145, Publication, Quintero, et al.
- U.S. Appl. No. 16/387,634, filed Apr. 18, 2019, US-2019-0240074, Publication, Quintero, et al.
- U.S. Appl. No. 29/635,782, filed Feb. 2, 2018, Filing, Quintero, et al.
- U.S. Appl. No. 29/503,320, filed Sep. 25, 2014, U.S. Pat. No. D. 824,525, Jul. 31, 2018, Grant, Quintero, et al.
- U.S. Appl. No. 29/648,487, filed May 22, 2018, U.S. Pat. No. D. 854,171, Jul. 16, 2019, Grant, Quintero, et al.
- U.S. Appl. No. 29/690,950, filed May 13, 2019, Filing, Quintero, et al.
- U.S. Appl. No. 15/675,159, filed Aug. 11, 2017, US-2018-0085260, U.S. Pat. No. 10,687,986, Jun. 23, 2020, Grant, Quintero, et al.
- U.S. Appl. No. 16/907,930, filed Jun. 22, 2020, US-2020-0315858, Publication, Quintero, et al.
- U.S. Appl. No. 29/613,662, filed Aug. 11, 2017, U.S. Pat. No. D. 848,624, May 14, 2019, Grant, Quintero, et al.
- U.S. Appl. No. 29/683,074, filed Mar. 11, 2019, U.S. Pat. No. D. 907,217, Jan. 5, 2021, Grant, Quintero, et al.
- U.S. Appl. No. 29/761,282, filed Dec. 8, 2020, Filing, Quintero, et al.
- U.S. Appl. No. 15/280,303, filed Sep. 29, 2016, US-2018-0085259, U.S. Pat. No. 10,470,934, Nov. 12, 2019, Grant, Quintero, et al.
- U.S. Appl. No. 16/598,249, filed Oct. 10, 2019, US-2020-0038253, Publication, Quintero, et al.
- U.S. Appl. No. 15/467,537, filed Mar. 23, 2017, US-2018-0271712, U.S. Pat. No. 10,470,935, Nov. 12, 2019, Grant, Quintero, et al.
- U.S. Appl. No. 17/143,883, filed Jan. 7, 2021, Filing, Quintero, et al.
- U.S. Appl. No. 15/496,389, filed Apr. 25, 2017, US-2018-0303967, Publication, Quintero, et al.
- U.S. Appl. No. 16/050,205, filed Jul. 31, 2018, US-2020-0038006, Publication, Quintero, et al.
- JP 7040744, 1995, English claims.
- JP 3059327, 1991, English claims.
- Japanese Office Action dated Feb. 19, 2019 for Design Appln. No. 2018-017274.
- Japanese Office Action dated Feb. 26, 2019 for Patent Appln. No. 515463.
- 3M™ Steri-Strip Adhesive Closures Product Catalog Brochure, (2011) 4 pages.
- 3M™ Steri-Strip Adhesive Closures Product Catalog Brochure, (2011) 8 pages.
- 3M™ Steri-Strip Adhesive Closures Product Catalog Brochure, (2012) 12 pages.
- Allen, L.V. Jr et al Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, 8th edition 2005 Lippincott Williams & Wilkins, Chapter 4, Dosage Form Design: Pharmaceutical and Formulation Considerations p. 131.
- Ashley et al.: Further studies involving wound closure with a rapidly polymerizing adhesive; *Plastic and Reconstructive Surgery*; Apr. 1963; vol. 31; pp. 333-343.
- Ashley et al.: Nonsutured closure of skin lacerations and nonsutured grafting of skin with a rapidly polymerizing adhesive; *Qtrly Bull. Northwestern University (Evanston, Ill.) Medical School*; 1962; vol. 36; pp. 189-194.
- Brombeg et al.: Nonsuture fixation of split-thickness skin grafts; *Surgery*, Jun. 1964; vol. 55; pp. 846-853.
- Cramer: Rapid Skin Grafting in Small Animals; *Plastic and Reconstructive Surgery and the Transplantation Bull*; Oct. 1962, vol. 30; pp. 149-150.
- Cramer et al.: Autograft rejection induced by homografting. A phenomenon intermediate between homograft rejection and autoimmunity; *Plastic and Reconstructive Surgery*; Jun. 1965; vol. 35; pp. 572-587.
- DeMaria, E. 'New skin closure system facilitates wound healing after cardiovascular implantable electronic device surgery' *World Journal of Clinical Cases* (2015) 3(8) pp. 675-677.
- Dermabond Prineo Skin Closure Systems (22 cm) Brochure (2014), 7 pages.
- Dermabond Prineo Skin Closure Systems (22 cm) Brochure (2015), 2 pages.
- Healthcare Packaging. Advanced Wound Care Products and packaging Needs. Jun. 5, 2017 (earliest online date), [site visited May 8, 2018]. Available from the Internet, URL: <https://www.healthcarepackaging.com/article/applications/healthcare/advanced-wound-care-products-and-packaging-needs> (Year: 2017).
- Inou: Studies on the Surgical Use of Plastic Adhesive; *Am. Journal of Proctology*; 1962; vol. 13; pp. 219-226.
- Jesse et al.: Fixation of split-thickness skin grafts with adhesive; *Plastic and Reconstructive Surgery*; Mar. 1964; vol. 33; pp. 272-277.
- Kaplan: A technique of nonsuture wound closure with a plastic tissue adhesive; *Plastic and Reconstructive Surgery*; Feb. 1966; vol. 37(2); pp. 139-142.
- Keddie et al.: Intrafollicular tinea versicolor demonstrated on monomer plastic strips; *Journal of Investigative Dermatology*; Sep. 1963; vol. 41; pp. 103-106.
- Lazar, H.L. et al 'Novel Adhesive Skin Closures Improve Wound Healing Following Saphenous Vein Harvesting' *J. Card Surg* (2008) 23 pp. 152-155.
- Leukosan SkinLink Application Guide (2006) 1 page.
- Leukosan Skinlink. BSN Medical (2017) 1 page <http://www.bsnmedical.com/products/wound%E2%80%90care%E2%80%90vascular/category%E2%80%90product%E2%80%90search/acute%E2%80%90wound%E2%80%90care/wound%E2%80%90closure/leukosan%E2%80%90skinlink.html>.
- Pam Marketing Nut. Yikes! The Social Media Quick Fix Band-Aids are Falling Off! Jul. 2012 [earliest online date], [site visited May 8, 2018]. Available from Internet, URL: <http://www.pammarketingnut.com/2012/07/yikes-the-social-media-quick-fix-band-aids-are-falling-off/> (Year: 2012).
- Parrish et al.: Synthetic resin adhesive for placement of skin grafts; *American Surgeon*; Nov. 1964; vol. 30; pp. 753-755.
- Raekallio et al.: Acute reaction to arterial adhesive in healing skin wounds; *Journal of Surgical Research*; Mar. 1964; vol. 4; pp. 124-127.
- Stone: Nonsuture closure of cutaneous lacerations, skin grafting and bowel anastomosis; *American Surgeon*; Mar. 1964; vol. 30; pp. 177-181.
- TissuGlu Surgical Adhesive Patient Information Brochure. Cohera Medical, Inc. (2014) 6 pages.
- TissuGlu FDA Summary of Safety and Effectiveness Data. Feb. 3, 2014 40 pages.
- Topaz, M. et al 'The TopClosure 3S System, for skin stretching and a secure wound closure' *Eur J Plast Surg* (2012) 35 pp. 533-543.
- TopClosure 3S System—Skin Stretching and Secure Wound Closure System Product Information Sheet (2010) 15 pages.
- Wang et al 'Biodegradable microfluidic scaffolds for tissue engineering from amino alcohol-based poly(ester amide) elastomers' *Organogenesis* (2010) 6:4, pp. 212-216.
- Wolfe et al.: The application of hydrostatic pressure to the burn injury, an experimental study; *Journal of Trauma: Injury Infections & critical Care*; May 1962; vol. 2; pp. 262-272.

(56)

References Cited

OTHER PUBLICATIONS

ZipLine medical Zip Surgical Skin Closure Brochure (2013) 4 pages.

Corrected International Search Report International Application No. PCT/US2005/004948 dated Jun. 22, 2005.

Extended European Search Report re: 14166813.7 dated Jul. 7, 2014.

International Preliminary Report on Patentability for International Application No. PCT/US2005/024042 dated Jan. 16, 2007.

International Search Report for International Application No. PCT/US2005/024042 dated May 12, 2006.

International Search Report for International Application No. PCT/US2005/004948 dated Jun. 9, 2009.

International Search Report re: PCT/US2015/051919 dated Apr. 14, 2016.

International Search Report re: PCT/US2017/052394 dated Nov. 21, 2017.

International Search Report re: PCT/US2017/052383 dated Dec. 6, 2017.

International Search Report re PCT/US2018/022842 dated Jun. 20, 2018.

International Search Report re PCT/US2018/022834 dated Jun. 22, 2018.

International Search Report re PCT/US2018/027790 dated Jun. 26, 2018.

Supplementary European Search Report for Application No. EP05769387 dated Jul. 9, 2009.

Supplementary European Search Report for Application No. EP05723162 dated Nov. 5, 2009.

Supplementary European Search Report for Application No. EP14166813 dated Jun. 30, 2014.

Written Opinion re: PCT/US2015/051919 dated Apr. 14, 2016.

Written Opinion re: PCT/US2017/052394 dated Nov. 21, 2017.

Written Opinion re: PCT/US2017/052383 dated Dec. 6, 2017.

Written Opinion re: PCT/US2018/022842 dated Jun. 20, 2018.

Written Opinion re: PCT/US2018/027790 dated Jun. 26, 2018.

Written Opinion re PCT/US2018/022834 dated Jun. 22, 2018.

Communication received from the USPTO for co-pending U.S. Appl. No. 10/887,884 dated Aug. 11, 2006.

Communication received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated Mar. 28, 2007.

Communication received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated Apr. 16, 2007.

Communication received from the USPTO for co-pending U.S. Appl. No. 10/887,884 dated Mar. 6, 2008.

Communication received from the USPTO for co-pending U.S. Appl. No. 10/887,884 dated Dec. 12, 2008.

Communication received from the USPTO for co-pending U.S. Appl. No. 12/207,984 dated May 11, 2011.

Communication received from the USPTO for co-pending U.S. Appl. No. 12/163,021 dated May 13, 2011.

Communication received from the USPTO for co-pending U.S. Appl. No. 12/163,021 dated Feb. 2, 2012.

Communication received from the USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jun. 22, 2012.

Communication received from the USPTO for co-pending U.S. Appl. No. 12/207,984 dated Jun. 28, 2012.

Communication received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jun. 22, 2012.

In re U.S. Appl. No. 12/163,021 the Non-Final rejection dated Aug. 14, 2013.

In re U.S. Appl. No. 12/163,021 the Final rejection dated Jan. 3, 2014.

In re U.S. Appl. No. 12/207,984 the Non-Final rejection dated Aug. 22, 2013.

In re U.S. Appl. No. 12/207,984 the Final rejection dated Dec. 4, 2013.

Office action received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Apr. 25, 2006.

Office action received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated Aug. 21, 2006.

Office action received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Oct. 12, 2006.

Office action received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated Jan. 9, 2007.

Office Communication received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Jan. 22, 2007.

Office Action received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Feb. 1, 2007.

Office Action received from the USPTO for co-pending U.S. Appl. No. 12/163,021.

Office action received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated Jul. 27, 2007.

Office Action received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Oct. 16, 2007.

Office Action received from USPTO for co-pending U.S. Appl. No. 10/887,884 dated Mar. 6, 2008.

Office action received from USPTO for co-pending U.S. Appl. No. 10/779,721 dated May 19, 2008.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jan. 9, 2010.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Sep. 1, 2010.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Sep. 1, 2010.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Dec. 9, 2010.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Dec. 9, 2010.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated May 13, 2011.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jul. 18, 2011.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Aug. 1, 2011.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jan. 10, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Jan. 17, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Apr. 26, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated May 1, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Sep. 17, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Sep. 25, 2012.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Aug. 14, 2013.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Aug. 22, 2013.

Office action received from USPTO for co-pending U.S. Appl. No. 12/207,984 dated Dec. 4, 2013.

Office action received from USPTO for co-pending U.S. Appl. No. 12/163,021 dated Jan. 3, 2014.

Office action received from USPTO for U.S. Appl. No. 15/964,538 dated Oct. 25, 2018.

Office action received from USPTO for U.S. Appl. No. 15/964,538 dated Dec. 27, 2018.

Office action received from USPTO for U.S. Appl. No. 15/490,176 dated Feb. 4, 2019.

Office action received from USPTO for U.S. Appl. No. 15/452,126 dated Nov. 16, 2018.

Office action received from USPTO for U.S. Appl. No. 14/864,033 dated Nov. 26, 2018.

Office action received from USPTO for U.S. Appl. No. 15/467,239 dated Feb. 28, 2019.

Office action received from USPTO for U.S. Appl. No. 15/278,376 dated Sep. 11, 2018.

Office action received from USPTO for U.S. Appl. No. 15/278,376 dated Feb. 21, 2019.

(56)

References Cited

OTHER PUBLICATIONS

Office action received from USPTO for U.S. Appl. No. 15/675,159 dated May 14, 2019.

U.S. Appl. No. 09/430,177, filed Oct. 29, 1999.

U.S. Appl. No. 09/430,289, filed Oct. 29, 1999.

U.S. Appl. No. 09/430,180, filed Oct. 29, 1999.

U.S. Appl. No. 09/385,030, filed Aug. 30, 1999.

U.S. Appl. No. 09/176,889, filed Oct. 22, 1998.

U.S. Appl. No. 09/919,877, filed Aug. 2, 2001.

U.S. Appl. No. 10/779,721, filed Feb. 18, 2004.

* cited by examiner

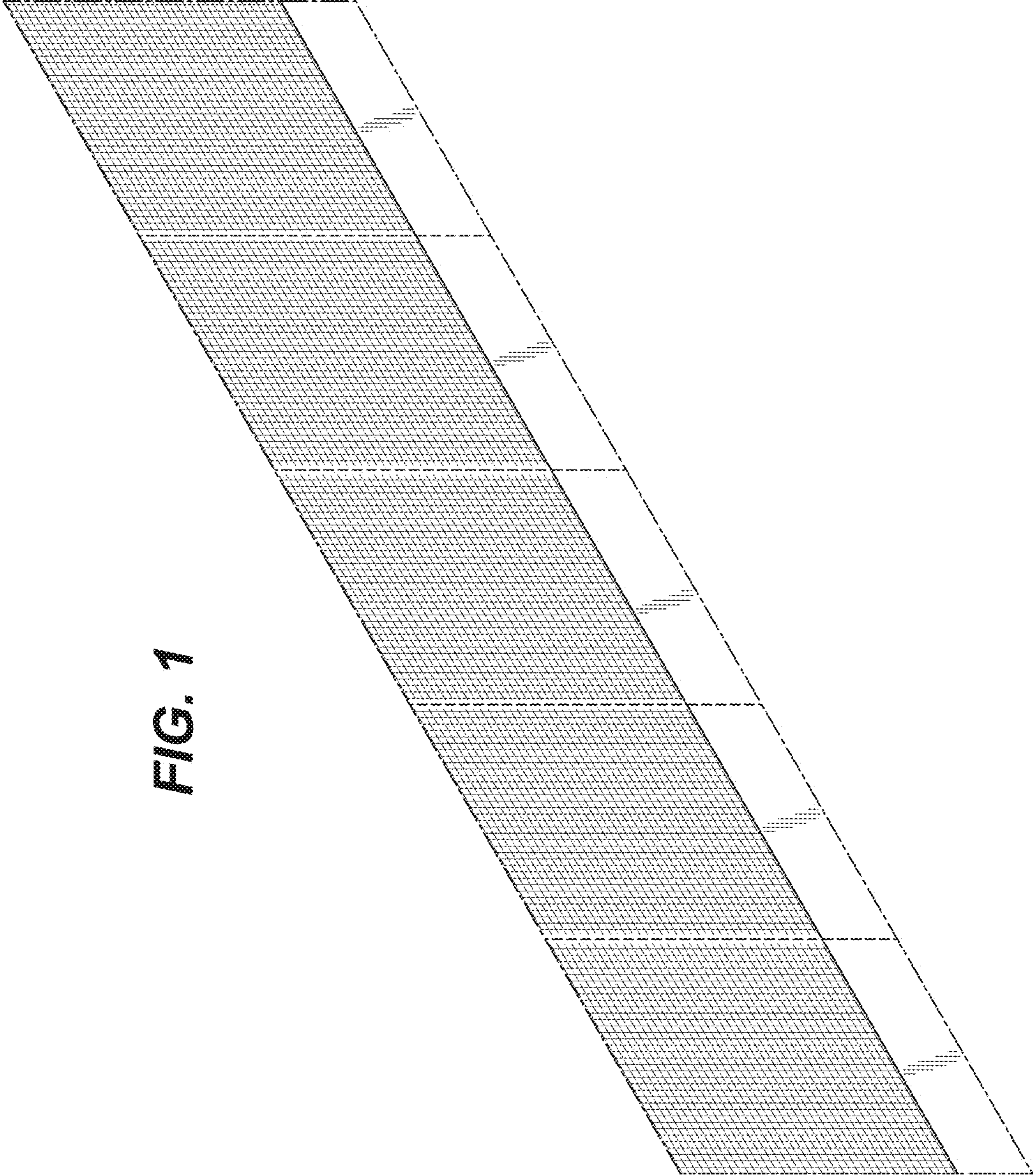


FIG. 1

FIG. 2

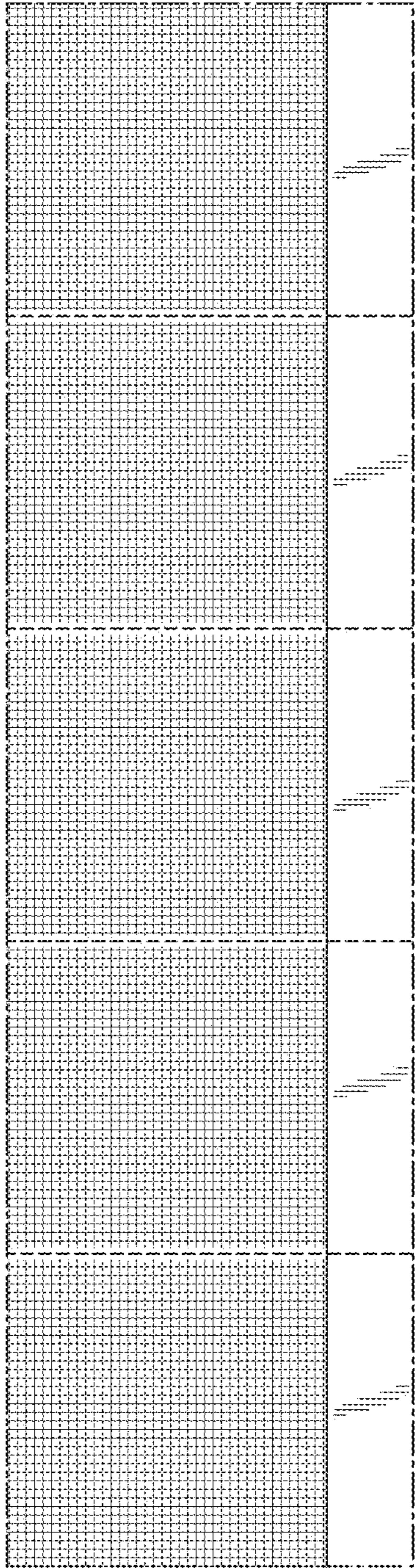


FIG. 3

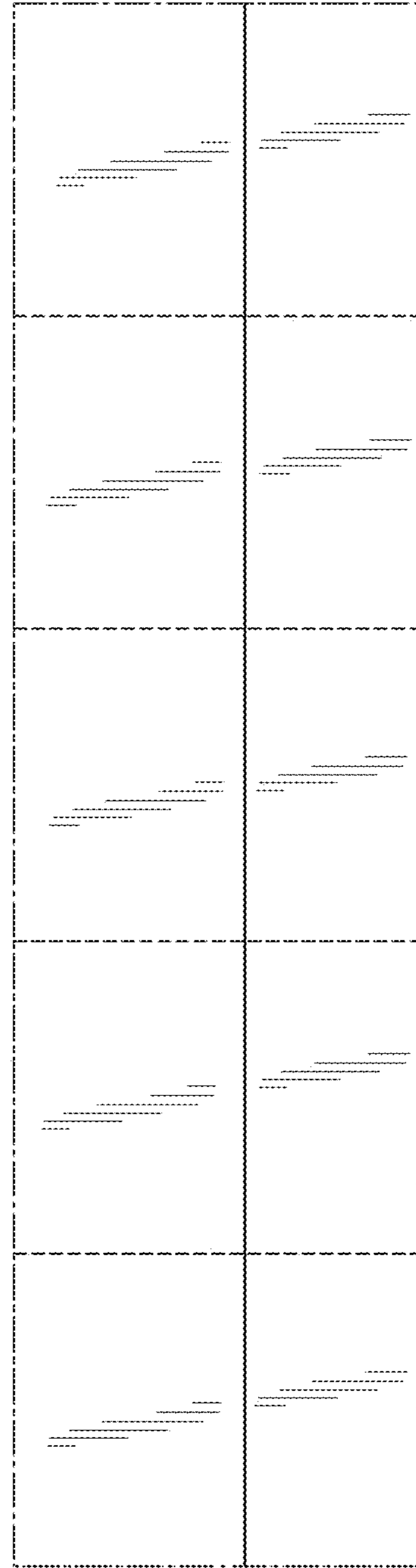


FIG. 4

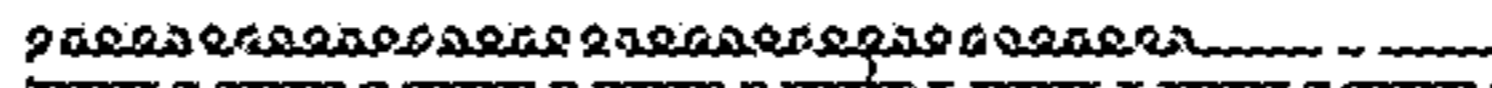
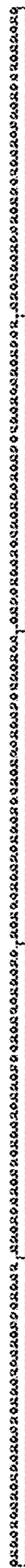


FIG. 6

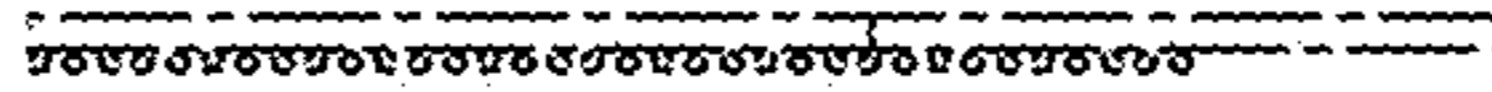


FIG. 7

FIG. 5

