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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	17323923
Filing Date	2021-05-18
First Named Inventor	Jeff Tyber
Art Unit	2833
Examiner Name	TBD
Attorney Docket Number	024664

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5984681		1999-11-16	Huang Barney	
	2	9289970		1909-07-27	Mueller, Emanuel	
	3	5112333		1992-05-12	Fixel	
	4	6168595		2001-01-02	Durham, et al	
	5	7229448		2007-06-12	Goble, et al	
	6	5531748		1996-07-02	de la Carfiniere	
	7	6019761		2000-02-01	Gustillo	
	8	6106528		2000-08-22	Durham, et al	

Extremity Medical, LLC
EXHIBIT 2010
Fusion Orthopedics v. Extremity Medical
Case IPR2023-00894

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9	6221074		2001-04-24	Cole, et al	
10	6235031		2001-05-22	Hodgeman, et al	
11	6261290		2001-07-17	Friedl	
12	6270499		2001-08-07	Leu, et al	
13	6402753		2002-06-11	Cole, et al	
14	6569165		2003-05-27	Wahl, et al	
15	6629976		2003-10-07	Gnos, et al	
16	6648889		2003-11-18	Bramlet, et al	
17	6692496		2004-02-17	Wardlaw	
18	6709436		2004-03-23	Hover, et al	
19	6793659		2004-09-21	Putnam	

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20	6808527		2004-10-26	Lower, et al	
21	7018380		2006-03-28	Cole	
22	7041104		2006-05-09	Cole, et al	
23	7232442		2007-06-19	Sohnngen, et al	
24	7247156		2007-07-24	Ekholm, et al	
25	7267678		2007-09-11	Medoff	
26	7341588		2008-03-11	Swanson	
27	7527627		2009-05-05	Ferrante, et al	
28	7632272		2009-12-15	Munro, et al	
29	7655009		2010-02-02	Grusin	
30	6951561		2005-10-04	Warren, et al	

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31	7763022		2010-07-27	Speitling, et al	
32	7763023		2010-07-27	Gotfried	
33	4940467		1990-07-10	Tronzo	
34	7785326		2010-08-31	Green, et al	
35	7842036		2010-11-30	Phillips	
36	7867231		2011-01-11	Cole	
37	7892234		2011-02-22	Schlienger, et al	
38	7909825		2011-03-22	Saravia, et al	
39	7914532		2011-03-29	Shaver, et al	
40	7918853		2011-04-05	Watanabe, et al	
41	7947043		2011-05-24	Mutchler	

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42	8057476		2011-11-15	Ekholm, et al	
43	6527775		2003-03-04	Warburton	
44	7160302		2007-01-09	Warburton	
45	7713271		2010-05-11	Warburton	
46	8092453		2012-01-10	Warburton	
47	7588577		2009-09-15	Fendl, et al	
48	8034056		2011-10-11	Fendl, et al	
49	6280442		2001-08-28	Barker, et al	
50	6626916		2003-09-30	Yeung, et al	
51	7344538		2008-03-18	Myerson, et al	
52	7410488		2008-08-12	Janna, et al	

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53	5888203		1999-03-30	Goldberg	
54	5505731		1996-04-09	Tornier	
55	4622959		1986-11-01	Marcus	
56	6849093		2005-02-01	Michelson	
57	7326248		2008-02-05	Michelson	
58	7524326		2009-04-28	Dierks	
59	7938848		2011-05-10	Sweeney	
60	4152533		1979-05-01	Gazda	
61	4854797		1989-08-08	Gourd	
62	3924276		1975-12-09	Eaton	
63	7074221		2006-07-11	Michelson	

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64	4947502		1990-08-14	Engelhardt	
65	3018986		1962-02-06	Behrle	
66	5718705		1998-02-17	Sammarco	
67	6123709		2000-09-26	Jones	
68	5456267		1995-10-10	Stark	
69	6579293		2003-06-17	Chandran	
70	6669700		2003-12-30	Farris, et al	
71	7922748		2011-04-12	Hoffman	
72	7799061		2010-09-21	Kay, et al	
73	7892264		2011-02-22	Sanders, et al	
74	5702470		1997-12-30	Menon	

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75	3411398		1968-11-19	Blakeley et al	
76	7601153		2009-10-13	Shinjo, et al	
77	7670340		2010-03-02	Brivio, et al	
78	8100946		2012-01-24	Strausbaugh, et al	
79	6517541		2003-02-11	Sesic	
80	8034082		2011-10-11	Lee, et al	
81	2580821		1952-01-01	Nicola	
82	5779704		1998-07-14	Kim	
83	5454267		1995-10-03	Moreau, et al	
84	3474537		1969-10-28	Christensen	
85	4795294		1989-01-03	Takada et al	

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86	6168595		2001-01-02	Durham, et al	
87	4930963		1990-06-05	Rockenfeller et al	
88	4987714		1991-01-29	Lemke	
89	5501557		1996-03-26	Wakai	
90	5857816		1999-01-12	Assmundson	
91	5779705		1998-07-01	Matthews	
92	6379354		2002-04-01	Rogozinski	
93	8353910		2013-01-01	Dell-Oca	
94	6174119		2001-01-16	Off	
95	6247883		2001-06-19	Monseratt	
96	5865559		1999-02-02	Yang	

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97	2398220		1956-04-09	Gelpcke	
98	8206424		2012-06-26	Biedermann et al	
99	7794483		2010-09-14	Capanni	
100	7731738		2010-06-08	Jackson et al	
101	7717947		2010-05-18	Wilberg et al	
102	7666212		2010-02-23	Patnak	
103	7608097		2009-10-27	Kyle	
104	7582107		2009-09-01	Trail et al	
105	7331962		2008-02-19	Branemark	
106	8100910		2012-01-24	Warburton	
107	6379362		2002-04-30	Birk et al	

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108	4381770		1983-05-03	Neufield	
109	4465065		1984-08-14	Gotfried, et al	
110	5163940		1992-11-17	Bourque	
111	5350380		1994-09-27	Goble, et al	
112	5403321		1995-04-04	DiMarco	
113	5478341		1995-12-26	Cook, et al	
114	5540694		1996-07-30	DeCarlo, Jr., et al	
115	7927340		2011-04-19	Hart	
116	7815646		2010-10-19	Hart	
117	5613971		1997-03-25	Lower, et al	
118	5620449		1997-04-15	Faccioli, et al	

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119	7731721		2010-06-08	Rathbun, et al	
120	5766221		1998-06-16	Benderev, et al	
121	5891150		1999-04-06	Chan	
122	5968050		1999-10-19	Torrie	
123	D420132		2000-02-01	Bucholz, et al	
124	6120511		2000-09-19	Chan	
125	7175632		2007-02-13	Singhatat, et al	
126	6254605		2001-07-03	Howell	
127	6254606		2001-07-03	Carney, et al	
128	6287313		2001-09-11	Sasso	
129	6562046		2003-05-13	Sasso	

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130	6679888		2004-01-20	Green, et al	
131	6692503		2004-02-17	Foley, et al	
132	6712849		2004-03-30	Re, et al	
133	6951538		2005-10-04	Rittland	
134	7063724		2006-06-20	Re, et al	
135	4760843		1988-08-02	Fischer et al	
136	5084050		1992-01-28	Draenert	
137	5209753		1993-05-11	Biedermann	
138	5718706		1998-02-17	Roger	
139	5997541		1999-12-07	Schenk	
140	6030162		2000-02-29	Huebner	

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141	6048343		2000-04-11	Mathis, et al	
142	6123711		2000-09-26	Winters	
143	6168597		2001-01-02	Biedermann et al	
144	6214012		2001-04-10	Karpman et al	
145	6214007		2001-04-10	Anderson	
146	6402757		2002-06-11	Moore et al	
147	6423064		2002-07-23	Kuger	
148	6443954		2002-09-03	Bramlet, et al	
149	6589245		2003-07-08	Weiler et al	
150	6596008		2003-07-22	Kambin	
151	6778861		2004-08-17	Leibrecht et al	

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152	6875216	2005-04-05	Wolf
153	6981974	2006-01-03	Berger
154	7037309	2006-05-02	Weil et al

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	1	20050107791		2005-05-19	Manderson	
	2	20050277940		2005-12-15	Neff	
	3	20040181234		2004-09-15	McDevitt, et al	
	4	20100076499		2010-03-25	McNamara, et al	
	5	20040172031		2004-09-16	Rubecamp, et al	
	6	20060264954		2006-11-23	Sweeney II, et al	

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7	20070021839		2007-01-25	Lowe	
8	20060142770		2006-06-29	Capanni	
9	20060241608		2006-10-26	Myerson, et al	
10	20030060827		2003-03-27	Coughlin	
11	20060235396		2006-10-19	Sanders, et al	
12	20070233114		2007-10-04	Bouman	
13	20090088806		2009-04-02	Leyden, et al	
14	20090093849		2009-04-09	Grabowski	
15	20070270848		2007-11-22	Lin	
16	20090048600		2009-02-19	Matityahu, et al	
17	20080294164		2008-11-27	Frank et al	

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18	20090264885		2009-10-22	Grant, et al	
19	20100023011		2010-01-28	Nakamura	
20	20060095039		2006-05-04	Mutchler	
21	20060149244		2006-07-06	Amrein, et al	
22	20070112432		2007-05-17	Reiley	
23	20060149243		2006-07-01	Vaughan	
24	20060200160		2006-09-07	Border, et al	
25	20060122600		2006-06-08	Cole	
26	20050283159		2005-12-22	Amara	
27	20070270855		2007-11-22	Partin	
28	20050069397		2005-03-31	Shavit, et al	

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29	20080306537		2008-12-11	Culbert	
30	20080065224		2008-03-13	Reigstad, et al	
31	20070173835		2007-07-26	Medoff	
32	20080208261		2008-08-28	Medoff	
33	20090018542		2009-01-15	Saravia, et al	
34	20090157078		2009-06-18	Mikol	
35	20090209961		2009-08-20	Ferrante, et al	
36	20090248025		2009-10-01	Haidukewych, et al	
37	20090306666		2009-12-10	Czartoski, et al	
38	20060009846		2006-01-12	Trieu, et al	
39	20070073290		2007-03-29	Boehm, Jr.	

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40	20100179551		2010-07-15	Keller, et al	
41	20050251147		2005-11-10	Novak	
42	20110060337		2011-03-10	Ferrante, et al	
43	20090177203		2009-07-09	Reiley	
44	20110144645		2011-06-16	Saravia, et al	
45	20060200143		2006-09-07	Warburton	
46	20060200144		2006-09-07	Warburton	
47	20090157080		2009-06-16	Warburton	
48	20060015101		2006-01-19	Warburton, et al	
49	20080091203		2008-04-17	Warburton, et al	
50	20090157077		2009-06-18	Larsen, et al	

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51	20090157079		2009-06-18	Warburton, et al	
52	20090292292		2009-11-26	Fend, et al	
53	20050273101		2005-12-08	Schumacher	
54	20100030280		2010-02-04	Jackson	
55	20050171544		2005-08-04	Falkner, Jr.	
56	20040220570		2004-11-04	Frigg	
57	20080269908		2008-10-30	Warburton	
58	20070038306		2007-02-15	O'Gara	
59	20020052605		2005-05-02	Grooms, et al	
60	20050192580		2005-09-01	Dalton	
61	20060241777		2006-10-26	Partin, et al	

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62	20090326534		2009-12-31	Yamazaki, et al	
63	20100174284		2010-07-08	Schwammberger, et al	
64	20100234846		2010-09-16	Eglseder	
65	20110137313		2011-06-09	Jensen, et al	
66	20110160729		2011-06-30	Overes, et al	
67	20110004255		2011-01-06	Weiner, et al	
68	20060189991		2006-08-24	Bickley	
69	20110022066		2011-01-27	Sevrain	
70	20020169453		2002-11-14	Berger	
71	20100312279		2010-12-09	Gephart et al	
72	20020032445		2002-03-14	Fujiwara	

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73	20090149857		2009-06-11	Culbert	
74	20100121324		2010-05-13	Tyber	
75	20040193162		2004-09-30	Bramlet	
76	20050240190		2005-10-27	Gall	
77	20060200141		2006-09-07	Janna	
78	20070162028		2007-07-12	Jackson	
79	20080132960		2008-06-01	Weaver et al	
80	20100274296		2010-10-01	Appenzeller	
81	20080306487		2008-12-01	Hart	
82	20120016424		2012-01-19	Kave	
83	20120095516		2012-04-19	Dikeman	

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84	20120109213		2012-05-03	Appenzeller, et al	
85	20050125070		2005-06-09	Reiley	
86	20060015123		2006-01-19	Fendl et al	
87	20090118772		2009-05-07	Diederich	
88	20090099571		2009-04-01	Cresina, et al	
89	20090240252		2009-09-01	Chang	
90	20020143333		2002-10-03	von Hoffmann, et al	
91	20030065391		2003-04-03	Re, et al	
92	20010021852		2001-09-13	Chappius	
93	20100298889		2010-11-01	Wilberg	
94	20030158555		2003-08-20	Sanders	

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95	20030229346		2003-12-10	Oribe, et al	
96	20040006345		2004-01-08	Vlahos et al	
97	20040097945		2004-05-20	Wolf	
98	20050149030		2005-07-07	Serhan et al	
99	20050171546		2005-08-04	Wolf	
100	20060122612		2006-06-08	Justin et al	
101	20060173461		2006-08-03	Kay et al	
102	20090093851		2009-04-09	Osman	
103	20090198289		2009-08-06	Manderson	
104	20090281580		2009-11-12	Emmanuel	
105	20100023064		2010-01-28	Brunger et al	

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106	20100042167		2010-02-18	Nebosky et al	
107	20100042164		2010-02-18	Lee et al	
108	20100069970		2010-03-18	Lewis et al	
109	20100057141		2010-03-04	Abdelgany et al	
110	20110218580		2011-09-08	Schwager et al	
111	20110282398		2011-11-17	Overes et al	
112	20110301651		2011-12-08	Kirschman	
113	20120010669		2012-01-12	O'Neil et al	
114	20120004690		2012-01-05	Gonzalez-Hernandez	
115	20120022603		2012-01-26	Kirschman	
116	20020128712		2002-09-12	Michelson	

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First Named Inventor	Jeff Tyber	
Art Unit		2833
Examiner Name	TBD	
Attorney Docket Number		024664

117	20020197134		2002-12-26	Huber	
118	20030147716		2003-08-07	Nagawa	
119	20060052787		2006-03-09	Re et al	
120	20080221623		2008-09-11	Gooch	
121	20080279654		2008-11-13	Deschamps	
122	20030083667		2003-05-01	Ralph, et al	
123	20110046681		2011-02-24	Prandi, et al	
124	20050015092		2005-01-20	Rathbun, et al	
125	20060009774		2006-01-12	Goble, et al	
126	20070066977		2007-03-22	Assell, et al	
127	20070055286		2007-03-08	Ralph, et al	

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128	20070093841	2007-04-26	Hoogland
129	20080154271	2008-06-26	Berberich, et al
130	20090093813	2009-04-09	Elghazaly
131	20090088804	2009-04-02	Kyle, et al
132	20110106172	2011-05-01	Wallenstein
133	20100121325	2010-05-13	Tyber, et al
134	20100256639	2010-10-07	Tyber, et al
135	20030208270	2003-11-01	Michelson
136	20040049192	2004-03-01	Shimizu
137	20060149257	2006-07-01	Orbay
138	20100145397	2010-06-01	Overes

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	1	2738745	CN		2005-11-09	United Orthopedics Instr		
	2	21512134	EP		2010-02-10	Zhao Daguo		
	3	199722301	WO	A1	1997-06-01	Bramlet		
	4	2007131287	WO		2007-11-22	Slater		
	5	2006116164	WO		2006-11-02	Gall, et al		
	6	2009120852	WO		2009-10-01	Sevrain		
	7	2861576	FR	A1	2005-05-01	Cognet		
	8	200906783	WO	A1	2009-06-01	Klaue		
	9	2008024373	WO	A2	2008-02-01	Samy		

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NON-PATENT LITERATURE DOCUMENTS

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	1	Examination Report issued December 12, 2018 for Indian Patent Application 355/MUMNP/2012.	

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See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/David G. Lindenbaum/	Date (YYYY-MM-DD)	2021-05-20
Name/Print	David G. Lindenbaum	Registration Number	51951

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