

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		17391158
	Filing Date		2021-08-02
	First Named Inventor	Jonathan M. Dewey	
	Art Unit	3773	
	Examiner Name	C. E. Hammond	
	Attorney Docket Number	A0004039US03CIP	

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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	7255700		2007-08-14	Kaiser et al.	
	2	7316532		2008-01-08	Matthys-Mark	
	3	7824428		2010-11-02	Mikkonen et al.	
	4	8608785		2013-12-17	Reed et al.	
	5	8668419		2014-03-11	Hardt et al.	
	6	8852252		2014-10-07	Venturini et al.	
	7	8882813		2014-11-11	Jones et al.	
	8	9161841		2015-10-20	Kana et al.	

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9	9517098		2016-12-13	Anderson	
10	9603643		2017-03-28	Reed et al.	
11	9763722		2017-09-19	Roybal	
12	9949775		2018-04-24	Reed et al.	
13	9962202		2018-05-08	Anderson	
14	10034771		2018-07-31	Capote et al.	
15	10058431		2018-08-28	Tyber et al.	
16	10314622		2019-06-11	Brumfield et al.	
17	10575889		2020-03-03	Roybal	
18	10582959		2020-03-10	Langer et al.	
19	10639163		2020-05-05	Tyber et al.	

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20	10653458		2020-05-19	Tanaka et al.	
21	10874447		2020-12-29	Tanaka et al.	
22	10925656		2021-02-23	Cole et al.	
23	10959855		2021-03-30	Miller et al.	
24	11058469		2021-07-13	Mahajan et al.	
25	11147680		2021-10-19	Tyber et al.	
26	11179234		2021-11-23	Dacosta et al.	
27	5971987		1999-10-26	Huxel et al.	
28	11154404		2021-10-26	Freedman et al.	
29	7188626		2007-03-13	Foley et al.	
30	11051949		2021-07-06	Walker et al.	

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31	11065127		2021-07-20	Lentner et al.	
32	11173044		2021-11-16	Jones et al.	
33	11096797		2021-08-24	Moskowitz et al.	
34	11026804		2021-06-08	Jimenez et al.	
35	10940014		2021-03-09	Greenhalgh	
36	11103366		2021-08-31	Glerum et al.	
37	10925752		2021-02-23	Weiman	
38	10945858		2021-03-16	Bechtel et al.	
39	10973649		2021-04-13	Weiman et al.	
40	11039935		2021-06-22	McAfee	
41	10980642		2021-04-20	Glerum et al.	

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42	11020238		2021-06-01	Nichols et al.	
43	10898344		2021-01-26	Alheidt et al.	
44	10874522		2020-12-29	Weiman	
45	11051951		2021-07-06	Robinson et al.	
46	11007067		2021-05-18	Masson et al.	
47	11160669		2021-11-02	Rogers et al.	
48	11090167		2021-08-17	Emerick et al.	
49	10925750		2021-02-23	Zappacosta et al.	
50	11096795		2021-08-24	Padovani et al.	
51	11160666		2021-11-02	Burkhardt et al.	
52	11065129		2021-07-20	Sandul	

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53	11045327		2021-06-29	Nichols et al.	
54	RE48719		2021-09-07	Suddaby et al.	
55	11033402		2021-06-15	Melkent et al.	
56	11123200		2021-09-21	Faulhaber	
57	10959856		2021-03-30	Seifert et al.	
58	11045326		2021-06-29	Seifert et al.	
59	11109980		2021-09-07	Seifert et al.	
60	11013617		2021-05-25	Weiman et al.	
61	11033404		2021-06-15	Faulhaber	
62	10952866		2021-03-23	Warren et al.	
63	11076966		2021-08-03	Faulhaber	

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64	11129731		2021-09-28	Miller et al.	
65	10932920		2021-03-02	Dewey et al.	
66	11135071		2021-10-05	Dewey et al.	
67	10888431		2021-01-12	Robinson	
68	11083595		2021-08-10	Robinson	
69	11065130		2021-07-20	Branch et al.	
70	11033401		2021-06-15	Shoshtaev	
71	10973650		2021-04-13	Stein	
72	11020239		2021-06-01	Miller et al.	
73	10993814		2021-05-04	Wolters	
74	10881524		2021-01-05	Eisen et al.	

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75	11083584	2021-08-10	Lauf et al.
76	10980644	2021-04-20	Purcell et al.
77	11116644	2021-09-14	Marrocco et al.
78	11123198	2021-09-21	Black et al.
79	10881531	2021-01-05	Berry
80	10898346	2021-01-26	Suddaby
81	11166826	2021-11-09	Huang
82	11026812	2021-06-08	Daffinson et al.

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	1	20210030561	A1	2021-02-04	GLEASON	

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2	20070218750	A1	2007-09-20	Corrao et al.	
3	20070270859	A1	2007-11-22	Companiononi et al.	
4	20080132959	A1	2008-06-05	Mikkonen et al.	
5	20120095515	A1	2012-04-19	Hamilton	
6	20120150237	A1	2012-06-14	Combrowski	
7	20130304136	A1	2013-11-14	Gourlaouen-Preissler et al.	
8	20140303674	A1	2014-10-09	Sasing	
9	20150238236	A1	2015-08-27	Sasing	
10	20160278830	A1	2016-09-29	ARRINGTON	
11	20170231675	A1	2017-08-17	Combrowski	
12	20190247098	A1	2019-08-15	Brumfield et al.	

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13	20200093526	A1	2020-03-26	Daly et al.	
14	20200179120	A1	2020-06-11	BIELENSTEIN et al.	
15	20210137701	A1	2021-05-13	Miller et al.	
16	20210154811	A1	2021-05-27	SPREITER et al.	
17	20210307920	A1	2021-10-07	Walker et al.	
18	20200405497	A1	2020-12-31	Olmos et al.	
19	20210007860	A1	2021-01-14	Glerum et al.	
20	20210052395	A1	2021-02-25	Hott et al.	
21	20210085479	A1	2021-03-25	Weiman et al.	
22	20210121300	A1	2021-04-29	Weiman et al.	
23	20210137697	A1	2021-05-13	Weiman	

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24	20210205094	A1	2021-07-08	Weiman et al.	
25	20210205092	A1	2021-07-08	Glerum et al.	
26	20210282938	A1	2021-09-16	NICHOLS et al.	
27	20210106434	A1	2021-04-15	Alheidt et al.	
28	20210113349	A1	2021-04-22	Weiman et al.	
29	20210259849	A1	2021-08-26	Robinson et al.	
30	20210030555	A1	2021-02-04	Weiman et al.	
31	20210298916	A1	2021-09-30	Melkent et al.	
32	20210275321	A1	2021-09-09	Seifert et al.	
33	20210298915	A1	2021-09-30	Faulhaber	
34	20210322182	A1	2021-10-21	Faulhaber	

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35	20210161678	A1	2021-06-03	Dewey et al.	
36	20210068982	A1	2021-03-11	Carnes et al.	
37	20210259850	A1	2021-08-26	Eisen et al.	
38	20210177618	A1	2021-06-17	Branch et al.	
39	20210330472	A1	2021-10-28	Shoshtaev	
40	20210015626	A1	2021-01-21	Suddaby	
41	20210267767	A1	2021-09-02	Stein	
42	20210068974	A1	2021-03-11	Cowan et al.	
43	20210322179	A1	2021-10-21	Miller et al.	
44	20210196470	A1	2021-07-01	Shoshtaev	
45	20210077272	A1	2021-03-18	Eisen et al.	

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46	20210251770	A1	2021-08-19	Purcell et al.	
47	20210220147	A1	2021-07-22	Berry	
48	20210045891	A1	2021-02-18	Rogers et al.	
49	20210045892	A1	2021-02-18	Rogers et al.	
50	20210068959	A1	2021-03-11	McLuen et al.	
51	20210093462	A1	2021-04-01	Lucasiewicz et al.	
52	20210121299	A1	2021-04-29	Hyder	
53	20210137699	A1	2021-05-13	JANG et al.	
54	20210186706	A1	2021-06-24	SPITLER et al.	
55	20210186709	A1	2021-06-24	Weiman et al.	
56	20210236298	A1	2021-08-05	Weiman et al.	

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57	20210259848	A1	2021-08-26	KANG et al.	
58	20210275317	A1	2021-09-09	Spetzger	
59	20210275318	A1	2021-09-09	Reimels	
60	20210275319	A1	2021-09-09	Reimels	
61	20210315705	A1	2021-10-14	Altarac et al.	
62	20210322181	A1	2021-10-21	Predick	
63	20210346174	A1	2021-11-11	Flint et al.	
64	20210220145	A1	2021-07-22	Stein	
65	20210251776	A1	2021-08-19	Daffinson et al.	
66	20220015924	A1	2022-01-20	Freedman et al.	
67	20180104066	A1	2018-04-19	Bae et al.	

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68	20110153020	A1	2011-06-23	Abdelgany et al.
69	20100286777	A1	2010-11-11	Errico et al.

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FOREIGN PATENT DOCUMENTS

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	1	2781998	FR	A1	2000-02-11	Razian Hassan		
	2	3213720	EP	A1	2017-09-06	K2M, Inc.		×
	3	2016057940	WO	A1	2016-04-14	K2M, Inc		☒
	4	2021055323	WO	A1	2021-03-25	Mayo Found Medical Education & Research		☒

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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

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.

SIGNATURE

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	/ Paul Marshall Ticer /	Date (YYYY-MM-DD)	2022-03-04
Name/Print	Paul Marshall Ticer	Registration Number	74,653

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