

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	WERSLAND; Jason
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	5015.039000J

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	235	US-7927294-B2	04-19-2011	KAMIMURA; Tetsuya et al.	
	236	US-7963717-B2	06-21-2011	SEGER; Anthony C.	
	237	US-7996996-B2	08-16-2011	HIRABAYASHI; Shinji	
	238	US-8313450-B2	11-20-2012	BEN-NUN; Asher	
	239	US-8342187-B2	01-01-2013	KALMAN; Jeffrey Michael et al.	
	240	US-8435194-B2	05-07-2013	DVERIN; Alexander et al.	
	241	US-8479616-B2	07-09-2013	TSAL; Ching-Hui	
	242	US-8622943-B2	01-07-2014	BEN-NUN; Asher	
	243	US-8646348-B2	02-11-2014	HUNG; Chih-Li	
	244	US-8695461-B2	04-15-2014	MOSS; Darren et al.	
	245	US-8770882-B2	07-08-2014	ERSOY; Metin	
	246	US-8777881-B2	07-15-2014	TSAL; Ming-Wei	
	247	US-8864143-B2	10-21-2014	LIN; Ying-Mo	
	248	US-8945104-B2	02-03-2015	BOONE, III; N. Brendon et al.	
	249	US-8951216-B2	02-10-2015	YOO; Chang Gyu et al.	
	250	US-9017273-B2	04-28-2015	BURBANK; Fred et al.	
	251	US-9107486-B2	08-18-2015	BREWER; Gerald Keith et al.	
	252	US-9132058-B2	09-15-2015	IMBODEN; Ethan F. et al.	
	253	US-9138257-B2	09-22-2015	REVIVO; Jacob	
	254	US-9272837-B2	03-01-2016	LINZELL; Geoffrey Robert	
	255	US-9364385-B2	06-14-2016	YANG; Tsung-Hsun	
	256	US-9416805-B2	08-16-2016	CASCOLAN; Anthony et al.	
	257	US-9597256-B1	03-21-2017	PAUL; Delores Ann	
	258	US-9744600-B2	08-29-2017	YANG; Ming-Lu et al.	
	259	US-9872813-B2	01-23-2018	GIRAUD; Camille et al.	
	260	US-9889066-B2	02-13-2018	DANBY; Philip C. et al.	

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		Number-Kind Code ² (if known)			
	261	US-9981366-B2	05-29-2018	TODD; Greg Thomas et al.	
	262	US-10034813-B1	07-31-2018	SILVER; Alan H.	
	263	US-10201470-B2	02-12-2019	GRINER; Thomas Edward	
	264	US-10252051-B2	04-09-2019	NICHOLS; Thomas	
	265	US-10276844-B2	04-30-2019	WACKWITZ; Jeffrey M. et al.	
	266	US-10314762-B1	06-11-2019	MARTON; Robert et al.	
	267	US-10335345-B2	07-02-2019	CHOE; Jae Yeong	
	268	US-10357425-B2	07-23-2019	WERSLAND; Jason et al.	
	269	US-10557490-B2	02-11-2020	WERSLAND; Jason et al.	
	270	US-10702448-B2	07-07-2020	WERSLAND; Jason et al.	
	271	US-10758027-B2	09-01-2020	SKIDMORE; Joseph Eric et al.	
	272	US-10857064-B2	12-08-2020	WERSLAND; Jason et al.	
	273	US-10918565-B2	02-16-2021	WERSLAND; Jason et al.	
	274	US-10945915-B2	03-16-2021	WERSLAND; Jason et al.	
	275	US-10959908-B2	03-30-2021	LEE; Steven et al.	
	276	US-10959911-B2	03-30-2021	WERSLAND; Jason et al.	
	277	US-10993874-B1	05-04-2021	MARTON; Robert et al.	
	278	US-11160723-B2	11-02-2021	WERSLAND; Jason et al.	
	279	US-11478400-B1	10-25-2022	MARTON; Robert et al.	
	280	US-11478606-B1	10-25-2022	ENGLISH; Trent K. et al.	
	281	US-D143678-S	01-29-1946	L.; H. Snyder et al	
	282	US-20010016697-A1	08-23-2001	GORSEN; Michael	
	283	US-20010027280-A1	10-04-2001	HUANG; Charles	
	284	US-20020082532-A1	06-27-2002	TUCEK; Kevin et al.	
	285	US-20020115947-A1	08-22-2002	YOUNG; James V.	
	286	US-20020177795-A1	11-28-2002	FRYE; Bruce	

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		Number-Kind Code ² (if known)			
	287	US-20020183668-A1	12-05-2002	HUANG; Chien-Ming	
	288	US-20020188233-A1	12-12-2002	DENYES; Judson	
	289	US-20030009116-A1	01-09-2003	LUETTGEN; Harold et al.	
	290	US-20030014079-A1	01-16-2003	TUCEK; Kevin	
	291	US-20030028134-A1	02-06-2003	LEV; Mordechai et al.	
	292	US-20030094356-A1	05-22-2003	WALDRON; Michael	
	293	US-20030144615-A1	07-31-2003	LIN; Chun-Kuang	
	294	US-20030195443-A1	10-16-2003	MILLER; Edward	
	295	US-20040176710-A1	09-09-2004	KENNEDY; Melvin et al.	
	296	US-20050075591-A1	04-07-2005	HAFEMANN; Klaus	
	297	US-20050109137-A1	05-26-2005	HARTMANN; Markus	
	298	US-20050113870-A1	05-26-2005	MILLER; Edward	
	299	US-20050126018-A1	06-16-2005	HAAS; Guenter	
	300	US-20050131461-A1	06-16-2005	TUCEK; Kevin et al.	
	301	US-20050203445-A1	09-15-2005	TSAI; Chin-Yi	
	302	US-20050235988-A1	10-27-2005	HANSEN; Craig et al.	
	303	US-20050252011-A1	11-17-2005	NEUMEIER; Michael	
	304	US-20060025710-A1	02-02-2006	SCHULZ; Manfred et al.	
	305	US-20060047315-A1	03-02-2006	COLLOCA; Christopher et al.	
	306	US-20060074455-A1	04-06-2006	STRANDBERG; Hans	
	307	US-20060116614-A1	06-01-2006	JONES; Rick et al.	
	308	US-20060118841-A1	06-08-2006	ELIASON; Jarrod et al.	
	309	US-20060123941-A1	06-15-2006	WADGE; Brian	
	310	US-20060192527-A1	08-31-2006	KAGELER; Sven et al.	
	311	US-20060211961-A1	09-21-2006	MEYER; Elizabeth et al.	
	312	US-20060272664-A1	12-07-2006	O'DWYER; Barry	

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		Number-Kind Code ² (if known)			
	313	US-20070129220-A1	06-07-2007	BARDHA; Ilir	
	314	US-20070144310-A1	06-28-2007	POZGAY; David et al.	
	315	US-20070150004-A1	06-28-2007	COLLOCA; Christopher et al.	
	316	US-20070173886-A1	07-26-2007	ROUSSO; Benny et al.	
	317	US-20070179414-A1	08-02-2007	IMBODEN; Ethan et al.	
	318	US-20070270727-A1	11-22-2007	KHORASSANI ZADEH; David	
	319	US-20070282228-A1	12-06-2007	EINAV; Omer et al.	
	320	US-20080077061-A1	03-27-2008	DEHLI; Hans	
	321	US-20080097260-A1	04-24-2008	TSUKADA; Daisuke et al.	
	322	US-20080103419-A1	05-01-2008	ADAMSON; Christopher	
	323	US-20080146980-A1	06-19-2008	ROUSSO; Benny et al.	
	324	US-20080167588-A1	07-10-2008	CHEN; Samuel	
	325	US-20080169715-A1	07-17-2008	MILLS; Stephen B. et al.	
	326	US-20080177207-A1	07-24-2008	LIAO; Li-Chiao	
	327	US-20080185888-A1	08-07-2008	BEALL; P. Shawn et al.	
	328	US-20080200849-A1	08-21-2008	HOLLINGTON; Geoffrey et al.	
	329	US-20080243041-A1	10-02-2008	BRENNER; Patricia et al.	
	330	US-20080306417-A1	12-11-2008	IMBODEN; Ethan F. et al.	
	331	US-20080312568-A1	12-18-2008	CHEN; Ko-Po	
	332	US-20080314610-A1	12-25-2008	MEIXNER; Gerhard	
	333	US-20090112134-A1	04-30-2009	AVNI; Yuval	
	334	US-20090188119-A1	07-30-2009	OBERHEIM; Stephen C.	
	335	US-20090270777-A1	10-29-2009	WU; Chichun et al.	
	336	US-20090309313-A1	12-17-2009	KNORR; Jens et al.	
	337	US-20090326540-A1	12-31-2009	ESTES; Larry D.	
	338	US-20100100119-A1	04-22-2010	HERNDON; Terry O.	

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		Number-Kind Code ² (if known)			
	339	US-20100137907-A1	06-03-2010	TSAI; Stephen	
	340	US-20100145242-A1	06-10-2010	TSAI; Ming-Wei	
	341	US-20100160841-A1	06-24-2010	WU; Dong-Her	
	342	US-20100162579-A1	07-01-2010	NAUGHTON; Michael et al.	
	343	US-20100176919-A1	07-15-2010	MYERS; Peter Christian et al.	
	344	US-20100210194-A1	08-19-2010	THOMASCHEWSKI; Walter et al.	
	345	US-20100274162-A1	10-28-2010	EVANS; Dale Marlyn Marie	
	346	US-20100286569-A1	11-11-2010	NAGANO; Masaki	
	347	US-20100298863-A1	11-25-2010	HINDINGER; John R. et al.	
	348	US-20110037431-A1	02-17-2011	MACKLE; Blair Michael	
	349	US-20110055720-A1	03-03-2011	POTTER; David et al.	
	350	US-20110118637-A1	05-19-2011	LEV; Mordechai et al.	
	351	US-20110201979-A1	08-18-2011	VOSS; Greg et al.	
	352	US-20110224580-A1	09-15-2011	LEATHERS; Kevin P. et al.	
	353	US-20110314677-A1	12-29-2011	MEIER; Hanspeter et al.	
	354	US-20120059294-A1	03-08-2012	SCHUBERT; Shai Y. et al.	
	355	US-20120065556-A1	03-15-2012	SMITH; Walton F. et al.	
	356	US-20120078071-A1	03-29-2012	BOHM; Sebastian et al.	
	357	US-20120124758-A1	05-24-2012	SABISCH; Markus et al.	
	358	US-20120161706-A1	06-28-2012	ZHOU; Cong-Bing	
	359	US-20120197357-A1	08-02-2012	DEWEY; David A. et al.	
	360	US-20120232445-A1	09-13-2012	LEV; Mordechai et al.	
	361	US-20120238922-A1	09-20-2012	STEMPLE; Guenter et al.	
	362	US-20120253245-A1	10-04-2012	STANBRIDGE; Stanley R.	
	363	US-20130014968-A1	01-17-2013	KEHOE; Sean T. et al.	
	364	US-20130030506-A1	01-31-2013	BARTOLONE; John Brian et al.	

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	365	US-20130046212-A1	02-21-2013	NICHOLS; Thomas	
	366	US-20130052871-A1	02-28-2013	EKLIND; Andrew	
	367	US-20130085421-A1	04-04-2013	GILLESPIE; Ronald J. et al.	
	368	US-20130116503-A1	05-09-2013	MERTENS; Jane U. et al.	
	369	US-20130133210-A1	05-30-2013	WEIR; J. Alan et al.	
	370	US-20130138023-A1	05-30-2013	LERRO; Alfredo	
	371	US-20130218058-A1	08-22-2013	CEOLDO; Fabrizio et al.	
	372	US-20130237751-A1	09-12-2013	ALEXANDER; Taylor Lawrence	
	373	US-20130241470-A1	09-19-2013	KIM; Jong-Hae	
	374	US-20130261516-A1	10-03-2013	CILEA; Joseph J. et al.	
	375	US-20130261517-A1	10-03-2013	RODGERS; Jeffrey Read	
	376	US-20130271067-A1	10-17-2013	YU; Long et al.	
	377	US-20130281897-A1	10-24-2013	HOFFMANN; Andrew Kenneth et al.	
	378	US-20130304642-A1	11-14-2013	CAMPOS; Tomas Ariel	
	379	US-20140024982-A1	01-23-2014	DOYLE; Max	
	380	US-20140031866-A1	01-30-2014	FUHR; Arlan W. et al.	
	381	US-20140097793-A1	04-10-2014	WURTZ; David et al.	
	382	US-20140101872-A1	04-17-2014	UTSCH; Joern et al.	
	383	US-20140129174-A1	05-08-2014	WHITE; Richard et al.	
	384	US-20140163443-A1	06-12-2014	YOUNG; D. Gary et al.	
	385	US-20140180331-A1	06-26-2014	TURNER; Thomas W.	
	386	US-20140190023-A1	07-10-2014	VITANTONIO; Marc et al.	
	387	US-20140194790-A1	07-10-2014	CRUNICK; John et al.	
	388	US-20140194900-A1	07-10-2014	SEDIC; Filip	
	389	US-20140200495-A1	07-17-2014	JONES; Daniel W.	
	390	US-20140202493-A1	07-24-2014	ZELICKSON; Brian David et al.	

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	391	US-20140207032-A1	07-24-2014	DEMATIO; FNU et al.	
	392	US-20140209594-A1	07-31-2014	BESNER; Robert	
	393	US-20140221887-A1	08-07-2014	WU; Dong-Her	
	394	US-20140288473-A1	09-25-2014	MATSUSHITA; Tsuyoshi	
	395	US-20140305747-A1	10-16-2014	KUMAR; Saravana et al.	
	396	US-20140310900-A1	10-23-2014	CURRY; Alexander D. et al.	
	397	US-20140316313-A1	10-23-2014	MAYER; Matthew J. et al.	
	398	US-20150005682-A1	01-01-2015	DANBY; Philip C. et al.	
	399	US-20150042254-A1	02-12-2015	KATO; Itsuku	
	400	US-20150082562-A1	03-26-2015	KAMADA; Katsuzo	
	401	US-20150098184-A1	04-09-2015	TSAI; Denny et al.	
	402	US-20150119771-A1	04-30-2015	ROBERTS; Michelle G.	
	403	US-20150133833-A1	05-14-2015	BRADLEY; Christopher Michael et al.	
	404	US-20150145297-A1	05-28-2015	LEE; Nam-Jin	
	405	US-20150148592-A1	05-28-2015	KANBAR; Maurice S. et al.	
	406	US-20150157528-A1	06-11-2015	LE; Kevin et al.	
	407	US-20150176674-A1	06-25-2015	KHAN; Kamran et al.	
	408	US-20150216719-A1	08-06-2015	DeBENEDICTIS; Leonard C. et al.	
	409	US-20150257964-A1	09-17-2015	AJIKI; Kaori	
	410	US-20150305969-A1	10-29-2015	GIRAUD; Camille et al.	
	411	US-20150328081-A1	11-19-2015	GOLDENBERG; Alex et al.	
	412	US-20150375315-A1	12-31-2015	UKAI; Tomohiro et al.	
	413	US-20160000642-A1	01-07-2016	ZIPPER; Ralph	
	414	US-20160017905-A1	01-21-2016	CASCOLAN; Anthony et al.	
	415	US-20160030279-A1	02-04-2016	DRISCOLL; Jonathan Daniel et al.	

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	416	US-20160045661-A1	02-18-2016	GRAY; George W. et al.	
	417	US-20160112841-A1	04-21-2016	HOLLAND; Bryan	
	418	US-20160113840-A1	04-28-2016	CRUNICK; John et al.	
	419	US-20160113841-A1	04-28-2016	GODFREY; Brian P. et al.	
	420	US-20160127129-A1	05-05-2016	CHEE; Evan et al.	
	421	US-20160129186-A1	05-12-2016	DOUGLAS; Ryan et al.	
	422	US-20160136037-A1	05-19-2016	CAI; Danzhi	
	423	US-20160136040-A1	05-19-2016	LI; Muchun	
	424	US-20160166464-A1	06-16-2016	DOUGLAS; Ryan et al.	
	425	US-20160170996-A1	06-16-2016	FRANK; Ari M. et al.	
	426	US-20160192814-A1	07-07-2016	KANG; Dae Yong et al.	
	427	US-20160206502-A1	07-21-2016	KØLTZOW; Peder Ragnvald	
	428	US-20160243359-A1	08-25-2016	SHARMA; Krishnamohan	
	429	US-20160263732-A1	09-15-2016	LOURENCO; Marco et al.	
	430	US-20160269486-A1	09-15-2016	GUPTA; Piyush et al.	
	431	US-20160310353-A1	10-27-2016	BARASCH; Maxine L.	
	432	US-20160311091-A1	10-27-2016	WANG; Tzu-Chien	
	433	US-20160324717-A1	11-10-2016	BURTON; Brett W.	
	434	US-20160338901-A1	11-24-2016	COHEN; Marcos Isaac	
	435	US-20160346163-A1	12-01-2016	KONIK; Jakub et al.	
	436	US-20160367425-A1	12-22-2016	WERSLAND; Jason	
	437	US-20170027798-A1	02-02-2017	WERSLAND; Jason	
	438	US-20170042754-A1	02-16-2017	FOWERS; Pamela et al.	
	439	US-20170049278-A1	02-23-2017	THOMASSEN; Henricus Johannes Maria	
	440	US-20170069191-A1	03-09-2017	ERKKILA; Mika	
	441	US-20170119623-A1	05-04-2017	ATTARIAN; Robert G.	

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		Number-Kind Code ² (if known)			
	442	US-20170128320-A1	05-11-2017	CHEN; Chi-Hsuan	
	443	US-20170156974-A1	06-08-2017	GRINER; Thomas Edward	
	444	US-20170156975-A1	06-08-2017	MILLS; Stephen B.	
	445	US-20170189227-A1	07-06-2017	BRUNSON; Kaye et al.	
	446	US-20170216136-A1	08-03-2017	GORDON; Christopher-Marc	
	447	US-20170233063-A1	08-17-2017	ZHAO; Xifeng et al.	
	448	US-20170246074-A1	08-31-2017	WU; Dong-Her	
	449	US-20170304144-A1	10-26-2017	TUCKER; James William	
	450	US-20170304145-A1	10-26-2017	PEPE; Tom	
	451	US-20170308046-A1	10-26-2017	LI; Junjie et al.	
	452	US-20170312161-A1	11-02-2017	JOHNSON; Eric et al.	
	453	US-20170360641-A1	12-21-2017	NAKATA; Yuichi et al.	
	454	US-20180008512-A1	01-11-2018	GOLDSTEIN; Shellie	
	455	US-20180050440-A1	02-22-2018	CHEN; Po-Shen	
	456	US-20180078449-A1	03-22-2018	CALLOW; Stephen	
	457	US-20180133101-A1	05-17-2018	INADA; Nichimu	
	458	US-20180140100-A1	05-24-2018	CRIBBS; Brittany	
	459	US-20180140502-A1	05-24-2018	SHAHIOIAN; Erik J. et al.	
	460	US-20180141188-A1	05-24-2018	LAI; Yongfei	
	461	US-20180154141-A1	06-07-2018	AHN; Gun Young	
	462	US-20180185234-A1	07-05-2018	ISHIGURO; Fumitaka et al.	
	463	US-20180200141-A1	07-19-2018	WERSLAND; Jason et al.	
	464	US-20180236572-A1	08-23-2018	UKAI; Tomohiro	
	465	US-20180243158-A1	08-30-2018	LOGHMANI; Mary T. et al.	
	466	US-20180263845-A1	09-20-2018	WERSLAND; Jason et al.	
	467	US-20180279843-A1	10-04-2018	PAUL; JoHannes D. et al.	

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		Number-Kind Code ² (if known)			
	468	US-20180288160-A1	10-04-2018	PAUL; JoHannes D. et al.	
	469	US-20180296433-A1	10-18-2018	DANBY; Philip C. et al.	
	470	US-20180315499-A1	11-01-2018	APPELBAUM; Kevin et al.	
	471	US-20180315504-A1	11-01-2018	INADA; Nichimu et al.	
	472	US-20190000709-A1	01-03-2019	SONE; Yasushi et al.	
	473	US-20190038229-A1	02-07-2019	PERRAUT; John M. et al.	
	474	US-20190066833-A1	02-28-2019	WICKI; Benjamin	
	475	US-20190110945-A1	04-18-2019	KAWAGOE; Nobukazu et al.	
	476	US-20190175434-A1	06-13-2019	ZHANG; Changjuan	
	477	US-20190209424-A1	07-11-2019	WERSLAND; Jason et al.	
	478	US-20190216677-A1	07-18-2019	PAUL; Lori Ann	
	479	US-20190232478-A1	08-01-2019	ZAWISZA; Matthew S. et al.	
	480	US-20190254921-A1	08-22-2019	MARTON; Robert et al.	
	481	US-20190254922-A1	08-22-2019	MARTON; Robert et al.	
	482	US-20190314239-A1	10-17-2019	CI; Zhonghua	
	483	US-20190337140-A1	11-07-2019	SHANKLIN; Christian	
	484	US-20190350793-A1	11-21-2019	WERSLAND; Jason et al.	
	485	US-20190381271-A1	12-19-2019	JO; Soonhaeng	
	486	US-20200000237-A1	01-02-2020	WU; Dong-Her	
	487	US-20200009010-A1	01-09-2020	PARK; Woo Ram et al.	
	488	US-20200016027-A1	01-16-2020	KIM; Sang Won et al.	
	489	US-20200035237-A1	01-30-2020	KIM; Sang Won et al.	
	490	US-20200069510-A1	03-05-2020	WERSLAND; Jason et al.	
	491	US-20200085675-A1	03-19-2020	LEE; Steven et al.	
	492	US-20200090175-A1	03-19-2020	DAVIS; Anthony M. et al.	
	493	US-20200179210-A1	06-11-2020	BARRAGAN GOMEZ; Johann	

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		Number-Kind Code ² (if known)			
	494	US-20200179215-A1	06-11-2020	LERNER; Zachary F.	
	495	US-20200230012-A1	07-23-2020	FUHR; Arlan W.	
	496	US-20200241683-A1	07-30-2020	LE; Kevin et al.	
	497	US-20200261306-A1	08-20-2020	PEPE; Thomas F.	
	498	US-20200261307-A1	08-20-2020	WERSLAND; Jason et al.	
	499	US-20200268594-A1	08-27-2020	PEPE; Thomas F.	
	500	US-20200294423-A1	09-17-2020	BLAIN; Andre et al.	
	501	US-20200352821-A1	11-12-2020	WERSLAND; Jason et al.	
	502	US-20200390644-A1	12-17-2020	YANG; Victor	
	503	US-20200397651-A1	12-24-2020	PARK; Kyung Hwan et al.	
	504	US-20200405570-A1	12-31-2020	KODAMA; Shogo	
	505	US-20210000683-A1	01-07-2021	CHENG; Guomei	
	506	US-20210022951-A1	01-28-2021	HU; Dashuai	
	507	US-20210022955-A1	01-28-2021	WERSLAND; Jason et al.	
	508	US-20210059898-A1	03-04-2021	WERSLAND; Jason et al.	
	509	US-20210085555-A1	03-25-2021	DAVIS; Douglas Bruce et al.	
	510	US-20210128402-A1	05-06-2021	DAI; Quanqin et al.	
	511	US-20210330539-A1	10-28-2021	FAUSSETT; Spring S.	
	512	US-20220000781-A9	01-06-2022	LENEWEIT; Gero et al.	
	513	US-20220007810-A1	01-13-2022	PASPATIS; Georgios et al.	
	514	US-20220054350-A1	02-24-2022	MERINO; Eduardo et al.	
	515	US-20220087433-A1	03-24-2022	MAO; Rujia et al.	
	516	US-20220241135-A1	08-04-2022	WANG; Jianglin	
	517	US-20230001131-A1	01-05-2023	ENGLISH; Trent K. et al.	
	518	US-20230248609-A1	08-10-2023	WERSLAND; Jason et al.	

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		Country Code ² Number ³ Kind Code ⁵ (if known)				
	001	AT-510048-A1	01-15-2012	HOEPPERGER MARGARETHA [AT]		☒
	002	AU-2019204770-B1	10-24-2019	HYPER ICE INC [US]		☐
	003	CN-101888050-A	11-17-2010	HIGH TECH COMP CORP.		☒
	004	CN-103648320-A	03-19-2014	INTERPLEX NASCAL INC.		☒
	005	CN-104352341-A	02-18-2015	CAI JIAXIN., et al.		☒
	006	CN-104352341-B	07-13-2016	CAI JIAXIN XIAMEN BECOZY ELECTRONIC CO LTD.		☒
	007	CN-106074129-A	11-09-2016	JINAN LUZHI ELECTRONIC SCIENCE & TECH CO LTD.		☒
	008	CN-106236528-A	12-21-2016	ZHENG CHUNJIAN.		☒
	009	CN-106618998-B	08-28-2020	ZHANGZHOU COMFORT IND CO LTD XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO LTD.		☒
	010	CN-106859949-A	06-20-2017	NI JIE.		☒
	011	CN-108543126-A	09-18-2018	HUANG GUANGWEN.		☒
	012	CN-109009978-A	12-18-2018	ZHENGZHOU FEILONG MEDICAL EQUIPMENT CO LTD.		☒

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		Country Code ² Number ³ Kind Code ⁵ (if known)				
	013	CN-109259995-A	01-25-2019	XIAMEN COMFORT ELECTRONICS CO LTD., et al.		☒
	014	CN-109528473-A	03-29-2019	SUZHOU KAIYUN SPORTS TECH CO LTD.		☒
	015	CN-109907965-A	06-21-2019	HUIZHOU YINGYI MOTOR CO LTD.		☒
	016	CN-110812178-A	02-21-2020	ZIKKO CHINA CO LTD.		☒
	017	CN-110868983-A	03-06-2020	THERAGUN LLC.		☒
	018	CN-110996874-A	04-10-2020	THERAGUN LLC.		☒
	019	CN-111067786-A	04-28-2020	SHENZHEN FITTOP HEALTH TECH CO LTD.		☒
	020	CN-111616938-A	09-04-2020	NINGBO GUANGXING HEALTH TECH CO LTD.		☒
	021	CN-111973419-A	11-24-2020	SHANGHAI RONGTAI HEALTH TECH CORP LTD.		☒
	022	CN-113143721-A	07-23-2021	XIAMEN OGAWA INTELLIGENT HEALTH EQUIPMENT CO LTD.		☒
	023	CN-113509366-A	10-19-2021	XIAMEN OGAWA INTELLIGENT HEALTH EQUIPMENT CO LTD.		☒
	024	CN-1432452-A	07-30-2003	ILLINOIS TOOL WORKS [US]		☒

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	025	CN-201239336-Y	05-20-2009	ZHUHAI WENYUANTANG MEDICAL TEC [CN]		☒
	026	CN-201333160-Y	10-28-2009	DONGHE WU [CN]		☒
	027	CN-201524220-U	07-14-2010	SHANDONG KANGTAI INDUSTRY CO LTD.		☒
	028	CN-201743890-U	02-16-2011	SHENZHEN BREO TECHNOLOGY CO.		☒
	029	CN-201847899-U	06-01-2011	SHUOYONG CO LTD.		☒
	030	CN-202161539-U	03-14-2012	WEIQING HUANG.		☒
	031	CN-202637439-U	01-02-2013	LIU XING.		☒
	032	CN-203598194-U	05-21-2014	LUO WEIHAO.		☒
	033	CN-205163583-U	04-20-2016	HEFEI HEZHENG MEDICAL SCIENCE & TECH CO LTD.		☒
	034	CN-205286890-U	06-08-2016	SHANGPIN YIJIA WUHAN CO LTD.		☒
	035	CN-205459750-U	08-17-2016	WU ZHENGFU.		☒
	036	CN-205494357-U	08-24-2016	YANG KAIBO.		☒

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	037	CN-205598186-U	09-28-2016	LI AN.		☒
	038	CN-206081000-U	04-12-2017	LIN LILIANG.		☒
	039	CN-206434556-U	08-25-2017	ANHUI RYZUR MEDICAL EQUIPMENT MFT CO LTD.		☒
	040	CN-207286298-U	05-01-2018	SHENZHEN BREO TECHNOLOGY CO.		☒
	041	CN-207855923-U	09-14-2018	SUZHOU WIN TECH TOOLS MFG CO LTD.		☒
	042	CN-208405314-U	01-22-2019	GUANGZHOU LONGEST SCIENCE & TECH CO LTD.		☒
	043	CN-208448086-U	02-01-2019	XIAMEN COMFORT ELECTRONICS CO LTD., et al.		☒
	044	CN-209154392-U	07-26-2019	ANJI XINXIN TECH CO LTD.		☒
	045	CN-2788807-Y	06-21-2006	YU KAILI [CN]		☒
	046	CN-301664182-S	09-07-2011	XU JINGZHUANG.		☒
	047	CN-303250924-S	06-17-2015	JINGMEI TECHNOLOGY CO., LTD.		☒
	048	CN-303250929-S	06-17-2015	JINGMEI TECHNOLOGY CO., LTD.		☒

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First Named Inventor	WERSLAND; Jason
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	5015.039000J

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ³ Kind Code ⁵ (if known)				
	049	CN-304561844-S	03-30-2018	SHENZHEN HUAZENG TECHNOLOGY CO., LTD.		☒
	050	CN-86101310-A	09-03-1986	MAX J. RUDERIAN.		☒
	051	DE-102015102112-A1	08-20-2015	LIEBSCHER-BRACHT ROLAND [DE]		☒
	052	DE-19905199-A1	07-06-2000	MAXSTAR IND CO [KR]		☒
	053	DE-202015005257-U1	10-28-2016	STORZ MEDICAL AG [CH]		☒
	054	DE-3633888-A1	04-07-1988	LICENTIA GMBH [DE]		☒
	055	EP-0436719-B1	05-18-1994	NIHON KENKOZOSHIN KENKYUKAI KK [JP]		☐
	056	EP-1728494-A1	12-06-2006	OREAL [FR]		☒
	057	EP-1728494-B1	01-23-2013	OREAL [FR]		☒
	058	EP-1964537-A1	09-03-2008	TSUIN BADO KOGYO KK [JP]		☐
	059	EP-2080500-A1	07-22-2009	TSUIN BADO KOGYO KK [JP]		☐
	060	EP-2328255-A1	06-01-2011	GIERSEIPEN GIRA GMBH [DE]		☒

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		Country Code ² Number ³ Kind Code ⁵ (if known)				
	061	GB-2066081-A	07-08-1981	MABUCHI MOTOR CO.		☐
	062	GB-2262236-A	06-16-1993	HAAS FRANZ [AT]		☐
	063	JP-2000189525-A	07-11-2000	MARUTAKA CO LTD.		☒
	064	JP-2002282322-A	10-02-2002	DAITO ELECTRIC MACHINE IND.		☒
	065	JP-2003077837-A	03-14-2003	TOSHIBA CORP.		☒
	066	JP-2003275265-A	09-30-2003	FAMILY KK.		☒
	067	JP-2005204777-A	08-04-2005	OMRON HEALTHCARE CO LTD.		☒
	068	JP-2006034941-A	02-09-2006	TSUIN BADO KOGYO KK.		☒
	069	JP-2006212228-A	08-17-2006	FAMILY CO LTD., et al.		☒
	070	JP-2008289616-A	12-04-2008	TSUIN BADO KOGYO KK.		☒
	071	JP-2008510588-A	04-10-2008	COLLOCA CHRISTOPHER J.		☒
	072	JP-2010534110-A	11-04-2010	ACTIVATOR METHODS INTERNATIONAL.		☒

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	073	JP-2011502369-A	01-20-2011	JOHNSON DAVID C.		☒
	074	JP-2013119018-A	06-17-2013	AKOOZU KK.		☒
	075	JP-2014511240-A	05-15-2014	BRIDGET RAY SOUTHWELL, ,, et al.		☒
	076	JP-2015035844-A	02-19-2015	MAKITA CORP.		☒
	077	JP-2015104422-A	06-08-2015	MTG KK.		☒
	078	JP-2018518347-A	07-12-2018	THERAGAN, LIMITED DRYABILITY COMPANY.		☒
	079	JP-3077837-U	06-08-2001	TOSHIYUKI FURUNUMA.		☒
	080	JP-5129032-B2	01-23-2013	WATANABE HIDEAKI.		☒
	081	JP-H0219157-A	01-23-1990	SANDEN ENG KK.		☒
	082	JP-H03218763-A	09-26-1991	SHIN ATSU SHIN CLINIC INC.		☒
	083	JP-H0447440-A	02-17-1992	MITSUBISHI ELECTRIC CORP.		☒
	084	JP-H0447440-U	04-22-1992	MATOKA ELECTRIC MANUFACTURE CO, LTD.		☒

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	085	JP-H048128-B2	02-14-1992	TAKAHASHI IZUO, et al.		☒
	086	JP-H0751393-A	02-28-1995	HITACHI METALS LTD., et al.		☒
	087	JP-S5230553-A	03-08-1977	MABUCHI MOTOR CO.		☒
	088	JP-S5428491-A	03-03-1979	NISHIDA YOSHINORI.		☒
	089	JP-S60135123-A	07-18-1985	MITSUBISHI ELECTRIC CORP.		☒
	090	KR-100752432-B1	08-24-2007	CHOI DONG HWAN [KR]		☒
	091	KR-101123926-B1	04-13-2012	AT SYSTEM CO LTD [KR]		☒
	092	KR-101162978-B1	07-09-2012	AT SYSTEM CO LTD [KR]		☒
	093	KR-101406275-B1	06-12-2014	LEE JUNG DONG., et al.		☒
	094	KR-200313149-Y1	05-16-2003	GETTINGWELL CO.,LTD.		☒
	095	KR-200345192-Y1	03-16-2004	KIM; Gu-Bong		☒
	096	KR-200435552-Y1	01-30-2007	CHUNG, IL GU.		☒

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		Country Code ² Number ³ Kind Code ⁵ (if known)				
	097	KR-20090119424-A	11-19-2009	JEON SEONG HEE [KR]		☒
	098	KR-20170108550-A	09-27-2017	LEE YONG SIK [KR]		☒
	099	KR-20180031683-A	03-28-2018	THERAGUN LLC [US]		☒
	100	KR-20200051098-A	05-13-2020	SYNERGY MIMOS CO LTD [KR]		☒
	101	RU-2170567-C1	07-20-2001	PEDDER VALERIJ VIKTOROVICH.		☒
	102	TW-201440753-A	11-01-2014	GAO FU-MAO [TW]		☒
	103	TW-I359657-B	03-11-2012	CAI, CHE.		☒
	104	WO-0119316-A2	03-22-2001	NIAGARA MFG LTD [GB], et al.		☐
	105	WO-2008113139-A1	09-25-2008	CYPRO SSAGE PTY LTD [AU], et al.		☐
	106	WO-2009014727-A1	01-29-2009	ACTIVATOR METHODS INTERNATIONA [US], et al.		☐
	107	WO-2009102279-A1	08-20-2009	TERNARY TECHNOLOGIES PTE LTD [SG], et al.		☐
	108	WO-2011159317-A1	12-22-2011	SHACHAR YEHOOSHUA [US], et al.		☐

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		Country Code ² Number ³ Kind Code ⁵ (if known)				
	109	WO-2013114084-A1	08-08-2013	BARHAM ANDREW GARETH [GB]		☐
	110	WO-2013145346-A1	10-03-2013	DAITO ELECTRIC MACHINE IND [JP], et al.		☒
	111	WO-2014118596-A1	08-07-2014	TELEFIELD LTD [CN]		☐
	112	WO-2015038005-A2	03-19-2015	NEVROFLEX AS [NO]		☐
	113	WO-2018012105-A1	01-18-2018	OREAL [FR], et al.		☐
	114	WO-2018119106-A1	06-28-2018	ENSO CO [US]		☐
	115	WO-2019186225-A1	10-03-2019	GOLDEN GM HOLDINGS SDN BHD [MY]		☐
	116	WO-2021050861-A1	03-18-2021	THERAGUN INC [US]		☐
	117	WO-2021222571-A1	11-04-2021	THERAGUN INC [US]		☐
	118	WO-2022011251-A9	05-12-2022	HYPER ICE INC [US]		☐
	119	WO-2023172676-A2	09-14-2023	NEW HEIGHTS ENERGY LLC [US]		☐

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	001	AMAZON: "OIVO Xbox One Controller Charger Dual Charging Station Updated Strap, Remote Charger Dock-2 Rechargeable Battery Packs Included," OIVO, 06 September 2018, Especially annotated figures, Retrieved from Entire Document, 11 Pages.	☐
	002	AMAZON: "PowerA Joy Con & Pro Controller Charging Dock Nintendo Switch," PowerA, 31 October 2017, Especially annotated figures, Retrieved from Entire Document, 10 Pages.	☐
	003	AMAZON: "Theragun G3PRO Percussive Therapy Device, White, Handheld Deep Muscle, Treatment Massager & Muscle Stimulator for Pain Relief, Recovery, Enhance Performance & Energize The Body," 13 February 2019, Shown on pp. 1, 2 Pages, Retrieved from URL: https://www.amazon.com/dp/B07MJ2MCT3/ref=nav_timeline_asin?_encoding=UTF8&psc=1 .	☐
	004	Anthony Katz, "The RAPTOR: Helps Patients and Saves Your Most Valuable Tool ... Your Hands," DC Aligned:MeyerDC, December 9, 2015, available at: http://news.meyerdcc.com/community/vendor-spotlight/the-raptor-helps-patients-saves-your-most-valuable-tool-your-hands/ (last visited Feb. 15, 2023); 5 pages.	☐
	005	AUSTIN, Regan, "HYPERICE Introduces HYPERVOLT, a State-of-the Art Vibration, Massage Device for Muscle Relief," GlobeNewswire, retrieved from: https://www.globenewswire.com/en/news-release/2018/02/26/1387424/0/en/HYPERICE-Introduces-HYPERVOLT-a-State-of-the-Art-Vibration-Massage-Device-for-Muscle-Relief.html#:~:text=LOS%20ANGELES%2C%20Feb.,of%20its%20newest%20product%2C%20HYPERVOLT; February 26, 2018; 4 pages.	☐
	006	BARDWELL D., "Wahl's Massage Products - Meant for Life's Big Pains," DougBardwell.com, 06 April 2016, 7 Pages, [Retrieved On 2021-06-03] Retrieved from URL: https://dougbardwell.com/db/2016/04/06/wahls-massage-products-meant-for-lifes-big-pains/ .	☐
	007	COLLINS D., "External Rotor Motor Basics: Design and Applications," 06 June 2018, 03 Pages.	☐
	008	COLLINS D., "FAQ: What are Hall Effect Sensors and What Is Theirs Role In Dc Motors?," 11 January 2017, 03 Pages.	☐
	009	Defendant's Initial Invalidity Contentions, Therabody, Inc. v. Tzumi Electronics LLC et al., Case No. SDNY-1-21-cv-07803 (PGG)(RWL), dated August 17, 2022; 16 pages.	☐

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	010	Description of Therabody GI Device, available at: https://www.therabody.com/us/en-us/faq/thearagun-devices/faq-devices-1.html?fdid=faq&csortb1=sortOrder&csortd1=1 (last visited Feb. 15, 2023).	☐
	011	DIGI-KEY'S NORTH AMERICAN EDITORS: "How to Power and Control Brushless DC Motors," 07 December 2016, 09 Pages.	☐
	012	eBay.com, "Hyperice Hypervolt Plus Percussion Massage Gun Black," retrieved on July 1, 2024, from: https://www.ebay.com/itm/235291399188?epid=17041170488&itmmeta=01HZMXKFMBFRQ17WC1Z4PBKRYW&hash=item36c875d414:g:HuYAAOSw4VpmRBpu&itmprp=en%3AAQAJAAAA4PnnRQRN0tCFRmEKiVFeO9WAq5vc8s2wpw6PqVvLkiD16U00gyJ41f1ML0fqkmOuALhCh1PGg2wJZ5tZroWtEw7sJjhgVfmA%2Bocf6f9rzLlrf%2BhYv7hH8OOKRtsLeafsmf1%2B9%2BkiC14KW%2FbAMikAx7b07HQoWQb%2FyxBykluypPQ%2FHa8V5mVpdq%2B60u5jw1bOIW7FkUfiTzFEU79GlwitsGkZQa5n8mkhaBZH2trbs8t9atCL12aZFdhZFqN%2FyJ%2B9cdYMoUdmO10vzl2mxVnModndbqexR7ILLQWHeeWpqs%2B%7Ctkp%3ABFBMqPrNnflj ; 6 pages.	☐
	013	Examination Report For Australian Patent Application No. 2016284030, dated 07 May 2018, 3 Pages.	☐
	014	Extended European Search Report for European Application No. 16815104.1, mailed 23 January 2019, 08 Pages.	☐
	015	Extended European Search Report for European Application No. 18832213.5, mailed 21 July 2021, 11 Pages.	☐
	016	Extended European Search Report for European Application No. 18832923.9, mailed 23 April 2021, 7 Pages.	☐
	017	Extended European Search Report for European Application No. 20720323.3, mailed 09 September 2021, 10 Pages.	☐
	018	Extended European Search Report for European Application No. 20802710.2, mailed 10 May 2022, 9 Pages.	☐

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	019	Extended European Search Report for European Application No. 20802804.3, mailed 28 April 2022, 8 Pages.	☐
	020	Extended European Search Report for European Application No. 21178300.6, mailed 19 October 2021, 9 Pages.	☐
	021	Extended European Search Report for European Application No. 21178311.3, mailed 23 September 2021, 5 Pages.	☐
	022	Holly Riddle, "Theragun vs. Hyperice vs. Hydragun: Massage Gun Showdown [Buyer's Guide]," ChatterSource: Health & Wellness, March 9, 2021, available at: https://www.chattersource.com/article/massage-gun/ (last visited Feb. 17, 2023); 14 pages.	☐
	023	International Preliminary Report on Patentability for International Application No. PCT/US2016/038326, mailed 04 January 2018, 8 Pages.	☐
	024	International Preliminary Report on Patentability for International Application No. PCT/US2018/022426, mailed 26 September 2019, 9 Pages.	☐
	025	International Preliminary Report on Patentability for International Application No. PCT/US2018/039599, mailed 23 January 2020, 8 Pages.	☐
	026	International Preliminary Report on Patentability for International Application No. PCT/US2018/040795, mailed 23 January 2020, 7 Pages.	☐
	027	International Preliminary Report on Patentability for International Application No. PCT/US2019/067624, mailed 08 July 2021, 11 Pages.	☐
	028	International Preliminary Report on Patentability for International Application No. PCT/US2020/017645, mailed 26 August 2021, 11 Pages.	☐
	029	International Preliminary Report on Patentability for International Application No. PCT/US2020/031339, mailed 18 November 2021, 11 Pages.	☐

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	030	International Preliminary Report on Patentability for International Application No. PCT/US2020/031936, mailed 18 November 2021, 14 Pages.	☐
	031	International Preliminary Report on Patentability for International Application No. PCT/US2020/050385, mailed 24 March 2022, 12 Pages.	☐
	032	International Preliminary Report on Patentability for International Application No. PCT/US2020/050399, mailed 13 January 2022, 6 Pages.	☐
	033	International Preliminary Report on Patentability for International Application No. PCT/US2020/054773, mailed 21 April 2022, 8 Pages.	☐
	034	International Preliminary Report on Patentability for International Application No. PCT/US2020/054842, mailed 21 April 2022, 7 Pages.	☐
	035	International Preliminary Report on Patentability for International Application No. PCT/US2020/063426, mailed 16 June 2022, 06 Pages.	☐
	036	International Preliminary Report on Patentability for International Application No. PCT/US2021/022500, mailed 06 October 2022, 6 Pages.	☐
	037	International Preliminary Report on Patentability for International Application No. PCT/US2021/029900, mailed 10 November 2022, 9 Pages.	☐
	038	International Preliminary Report on Patentability for International Application No. PCT/US2021/029903, mailed 10 November 2022, 7 Pages.	☐
	039	International Search Report and Written Opinion for International Application No. PCT/US2016/038326, mailed 01 September 2016, 9 Pages.	☐
	040	International Search Report and Written Opinion for International Application No. PCT/US2018/022426, mailed 31 May 2018, 10 Pages.	☐
	041	International Search Report and Written Opinion for International Application No. PCT/US2018/039599, mailed 24 September 2018, 9 Pages.	☐

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	WERSLAND; Jason
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	5015.039000J

Sheet 35 of 38

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author(in CAPITAL LETTERS), title of the article(when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	042	International Search Report and Written Opinion for International Application No. PCT/US2018/040795, mailed 24 September 2018, 8 Pages.	☐
	043	International Search Report and Written Opinion for International Application No. PCT/US2019/067624, mailed 03 February 2020, 13 Pages.	☐
	044	International Search Report and Written Opinion for International Application No. PCT/US2020/017645, mailed 20 May 2020, 13 Pages.	☐
	045	International Search Report and Written Opinion for International Application No. PCT/US2020/031339, mailed 10 June 2020, 12 Pages.	☐
	046	International Search Report and Written Opinion for International Application No. PCT/US2020/031347, mailed 03 August 2020, 9 Pages.	☐
	047	International Search Report and Written Opinion for International Application No. PCT/US2020/031936, mailed 11 September 2020, 17 Pages.	☐
	048	International Search Report and Written Opinion for International Application No. PCT/US2020/050385, mailed 03 December 2020, 13 Pages.	☐
	049	International Search Report and Written Opinion for International Application No. PCT/US2020/050399, mailed 04 February 2021, 11 Pages.	☐
	050	International Search Report and Written Opinion for International Application No. PCT/US2020/054773, mailed 12 January 2021, 9 Pages.	☐
	051	International Search Report and Written Opinion for International Application No. PCT/US2020/054842, mailed 11 January 2021, 8 Pages.	☐
	052	International Search Report and Written Opinion for International Application No. PCT/US2020/063426, mailed 26 February 2021, 09 Pages.	☐
	053	International Search Report and Written Opinion for International Application No. PCT/US2021/022500, mailed 20 April 2021, 7 Pages.	☐

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	054	International Search Report and Written Opinion for International Application No. PCT/US2021/029900, mailed 06 October 2021, 12 Pages.	☐
	055	International Search Report and Written Opinion for International Application No. PCT/US2021/029903, mailed 28 July 2021, 8 Pages.	☐
	056	International Search Report and Written Opinion for International Application No. PCT/US2022/028309, mailed 08 September 2022, 10 Pages.	☐
	057	International Search Report and Written Opinion for International Application No. PCT/US2022/076238, mailed 23 January 2023, 12 Pages.	☐
	058	Machine translation from Espacenet of written description and claims for CN106074129A, 9 pages (2016).	☐
	059	Machine translation from Espacenet of written description and claims for CN111616938A, 5 pages (2020).	☐
	060	Machine translation from Espacenet of written description and claims for CN111973419A, 7 pages (2020).	☐
	061	Machine Translation of Written Description and Claims for WO2013145346A1 (Year: 2013).	☐
	062	MESSAGE EXPERT: "Nursal Deep Percussion Massager Review - 6 Interchangeable Nodes," 04 January 2021, 6 Pages, [Retrieved on 2021-06-03] Retrieved from URL: https://www.massagexpert.net/nursal-deep-percussion-massager-review/ .	☐
	063	MCFARLAND M., "Segway Was Supposed to Change the World, Two Decades Later, It Just Might," CNN Wire Service, 30 October 2018, 7 Pages.	☐
	064	Partial Supplementary European Search Report for European Application No. 18832213.5, mailed 20 April 2021, 12 Pages.	☐

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	065	RACHEL [no family name indicated], "Jigsaw Massager," Instructables, 18 April 2010, 6 Pages, Retrieved from URL: https://web.archive.org/web/20100418041422/http://www.instructables.com/id/Jigsaw-Massager/ .	☐
	066	ROCKWELL: "Trans4mer Operating Manual for Multi-purpose saw," Model RK2516/RK2516K, 2011, 32 Pages.	☒
	067	Supplementary European Search Report for European Application No. 19904459.5, mailed 15 April 2021, 04 Pages.	☐
	068	TESTBERICHTE.DE: "Naipo Handheld Percussion Massager with Heating (MGPC 5000)," amazon.de, 7 Pages, [Retrieved on 2021-06-03] Retrieved from URL: https://www.testberichte.de/p/naipo-tests/handheld-percussion-massager-with-heating-mgpc-5000-testbericht.html , See also a YouTube Review of this Device dated 21 May 2018 at https://www.youtube.com/watch?v=bi_QCJA3D9k .	☒
	069	Visual Description of Hyper Ice, Inc. Raptor Device, "Osteopatia Haidy Ortale - Raptor Massage," available at: https://www.youtube.com/watch?v=plyW8FBowVs (last visited Feb. 15, 2023); 1 page.	☐
	070	Visual Description of Hyper Ice, Inc. Raptor Device, "RAPTOR Solutions 1.3 Prone," available at: https://www.youtube.com/watch?v=6i1tRqdwPU8&t=156s (last visited Feb. 15, 2023); 1 page.	☐
	071	WORX Trans4mer "Safety and Operating Manual Original Instructions" for 12V Li-Ion Multipurpose saw, WX540, NX540.3, WX540.9, 16 pages (2013).	☐
	072	YOUTUBE: "Unboxing: Joy-Con & Pro Controller Charging Dock for Nintendo Switch," Crusherbad64, Especially demonstration 8:30 - 8:55, (This reference is Being Used to Show Greater Details of Product not Clearly Disclosed in 'PowerA'), 26 February 2018, Retrieved from entire document, 1 Page.	☐
	073	YouTube.com, "Introducing the Hyperbolt by Hyperice," posted February 25, 2018, retrieved from: https://www.youtube.com/watch?v=e13QbjhGNK0 ; 4 pages.	☐

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Attorney Docket Number	5015.039000J

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).

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- ☐ See attached certification statement.

- ☒ A certification statement is not submitted herewith.

FEE

- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

COPIES

- ☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Joseph K. Venier/	Date (YYYY-MM-DD)	2024-08-19
Name/Print	Joseph K. Venier	Registration Number	76,838

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