		("20120256071") or ("8827234") or ("7206618") or ("20110043990") or ("20160294433") or ("5605311") or ("20090257207") or ("20170086535") or ("7875030")).PN.				
S426	418	S425 and tablet$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S427	237	S426 and magnet$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S428	38	S427 and (mount$3 near2 wall)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S429	21	S427 and (mount$3 near2 screw$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S430	44	S428 S429	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S431	2,429,498	S430 and junction box	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:17
S432	0	S430 and (junction near box)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:18
S433	0	S427 and (junction near box)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:18
S434	1	S426 and (junction near box)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:18
S435	1	S425 and (junction near box)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:18
S436	0	("2019/0376320").URPN.	USPAT	OR	OFF	2020/02/03 04:19

S437	44	S430 and tablet$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 04:21
S438	0	h05k7/20181,20145,2019	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:15
S439	15,609	G06F1/20,203,206.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:15
S440	3,386	h05k7/20181,20145,2019,20209,20136.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:17
S441	64	((("GUILLOT") near3 ("François")) OR (("BLINEAU") near3 ("Jean-Marc")) OR (("AVIGNON") near3 ("Philippe")) OR (("ROQUES") near3 ("Serge")) OR (("ALBERO") near3 ("Franck"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 10:22
S442	108	E05B65/0067.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:39
S443	1,675	E05B73/0082,0005.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:39
S444	24,640	G06F1/1616,1632,1656,1679.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:39
S445	9	((("YONEMURA") near3 ("Masayuki"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 10:39
S446	11,062	g06f1/1601,1603,1679,1681.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:56

S447	11,062	G06F1/1601,1603,1679,1681.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:56
S448	1,253	H04N1/00554,00519.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:56
S449	1,828	F16C11/10,103,12.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:56
S450	19,497	G06F1/1601,1603,1679,1681,1632.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 10:59
S451	8	((("ROHMAN") near3 ("Stephen"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 11:01
S452	1	"20180328402"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:04
S453	1,159	(("20180328402") or ("8631528") or ("8533884") or ("8166594") or ("8813290") or ("8517659") or ("20110268544") or ("8925131") or ("20130315697") or ("9783094") or ("20140248109") or ("9271883") or ("5673459") or ("8869333") or ("20140245548") or ("6877806") or ("8635729") or ("20040075308") or ("20050146170") or ("7267400") or ("8375496") or ("9820899") or ("8250693") or ("9050229") or ("6047444") or ("20190247248") or ("20170174412") or ("10259642") or ("20150371482") or ("7753753") or ("9959696") or ("20190283555") or ("9108742") or ("20130256453") or ("20080081536") or ("20080187425") or ("20160297344") or ("6179545") or ("20190168656") or ("20130136567") or ("9341212") or ("10239435") or ("20190168655") or ("6446906") or ("5259827") or ("20120279417") or ("20110027054") or ("8561549") or ("6802095") or ("8359691") or ("6290297") or ("20060193469") or ("8534979") or ("20070194580") or ("6210098") or ("8505141") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:04

		("20090145156") or ("9781963") or ("8943631") or ("6412849") or ("20050276412") or ("7900470") or ("8832893") or ("7604142") or ("7373692") or ("20030218094") or ("20040177457") or ("6688099") or ("20070131680") or ("20150074925") or ("7062813") or ("20060207040") or ("9102482") or ("8156595") or ("20060151909") or ("20110247990") or ("10442067") or ("20110135432") or ("7225493") or ("20180193992") or ("7908695") or ("20090255067") or ("3251488") or ("20040096304") or ("10293921") or ("20170101172") or ("4734939") or ("6260801") or ("20190023381") or ("5391041") or ("8132281") or ("10124884") or ("7427196") or ("8701898") or ("20120198980") or ("8936419") or ("6602041") or ("9624703") or ("5832555") or ("20010048870") or ("7255399") or ("4917526") or ("4835978") or ("3315483") or ("20120280080") or ("20060061183") or ("8876039") or ("8122553") or ("20170318958") or ("8181300") or ("20190233092") or ("7527467") or ("20080271266") or ("9963883") or ("20140253731") or ("8234737") or ("5042186") or ("7367597") or ("8839702") or ("6511129") or ("20120087716") or ("10499739") or ("20060103148") or ("20060016205") or ("4502638") or ("20070069527") or ("20120144712") or ("7013654") or ("6311928") or ("20180249834") or ("20110072598") or ("3524381") or ("8032963") or ("20040206858") or ("8375473") or ("8376375")).PN. or (("7029049") or ("20180207779") or ("7682368") or ("7152892") or ("7036785") or ("20050220294") or ("9504348") or ("20060016207") or ("20100299814") or ("6843635") or ("20100308552") or ("20170335618") or ("10004289") or ("20140245523") or ("20020197141") or ("20130174359") or ("20080271267") or ("6220658") or ("6409458") or ("6761331") or ("6010298") or ("20130182381") or ("9788835") or ("20100069934") or ("20120280547") or ("8475474") or ("20180170319") or ("8820212") or ("10514126") or ("6238168") or ("20060086135") or ("20140271072") or ("10391981") or ("8955913") or ("7032391") or ("7870630") or ("20110145981") or ("8753025") or ("20100080678") or ("20030178527") or ("20130028588") or ("20160058441") or ("20200029962") or ("20080271268") or ("10470761") or ("20190380706") or ("20110269371") or ("6203265") or ("20170321841") or ("20180000479") or ("20040023700") or				

		("4620680") or ("9463015") or ("20040045114") or ("20170049451") or ("8562279") or ("20050184549") or ("20160220245") or ("6079853") or ("9759369") or ("6905093") or ("20040144888") or ("20170334331") or ("6935712") or ("9764674") or ("20170122685") or ("3984082") or ("10279997") or ("8734201") or ("20090174748") or ("20070235978") or ("9650796") or ("9682490") or ("20110023246") or ("20030007853") or ("10160369") or ("20040136820") or ("20140331844") or ("4502639") or ("20190049199") or ("20150113884") or ("6898888") or ("20170361692") or ("8430440") or ("20140007367") or ("7988255") or ("20040200110") or ("2968935") or ("9980622") or ("20190195552") or ("6186733") or ("20180072240") or ("20030177605") or ("20150259139") or ("7533433") or ("6598253") or ("7533434") or ("20180298844") or ("7762570") or ("7681272") or ("20190049201") or ("20190368807") or ("3048986") or ("20090035112") or ("4771507") or ("10106070") or ("20110211015") or ("4269108") or ("7533432") or ("6658694") or ("20060290159") or ("6604355") or ("10495376") or ("20100032545") or ("20090143116") or ("10266126") or ("7384093") or ("20150225021") or ("20140165619") or ("5152109") or ("7904128") or ("20180066467") or ("20190183498") or ("20090035113") or ("10099629") or ("9074803") or ("20190092209") or ("20080273956") or ("9376048") or ("9713977") or ("7350850") or ("20060242971")).PN. or (("RE33610") or ("3789620") or ("7437885") or ("6575503") or ("20160167587") or ("20090035111") or ("7972188") or ("20150257585") or ("7371243") or ("20190185263") or ("10485725") or ("20160172797") or ("4715644") or ("9517731") or ("20060181110") or ("4900217") or ("4796944") or ("2607520") or ("20180141478") or ("6113160") or ("2984859") or ("8984665") or ("20190029915") or ("20040262946") or ("7216491") or ("20180056845") or ("20200008990") or ("10160133") or ("10065570") or ("20060091697") or ("10370120") or ("RE33631") or ("20120025555") or ("9568232") or ("20040262949") or ("20050137000") or ("3506102") or ("10525898") or ("8336940") or ("9452717") or ("20160167593") or ("20180326918") or ("9975465") or ("20110239354") or ("20040262947") or ("10295318") or ("20170067725") or ("6357841") or ("7434296") or ("8651545") or ("20170210273") or				

		("20080238119") or ("20150209973") or ("20050001449") or ("7552970") or ("3206940") or ("5556250") or ("20130081336") or ("9501108") or ("3563050") or ("10370121") or ("20060005353") or ("4866948") or ("5212955") or ("20140165598") or ("20070131883") or ("20190084469") or ("20050035254") or ("20060043778") or ("7744142") or ("4283607") or ("7198320") or ("20080201900") or ("20080012394") or ("20050110236") or ("6445573") or ("7503474") or ("6398479") or ("20050136715") or ("4498823") or ("20180215025") or ("9855998") or ("6983979") or ("6988760") or ("7234716") or ("7121612") or ("8061255") or ("20190150919") or ("20150362962") or ("20160368570") or ("7100987") or ("20100219660") or ("20190359146") or ("9114327") or ("8038193") or ("20170095626") or ("3299656") or ("7653968") or ("9151527") or ("20170197498") or ("20130153626") or ("5303635") or ("20180093743") or ("6955550") or ("10241548") or ("7121613") or ("3623336") or ("9173657") or ("2934916") or ("8739313") or ("10292703") or ("10144276") or ("20060261644") or ("9289211") or ("20010008606") or ("4142378") or ("20150233154") or ("4651896") or ("20010005478") or ("20190241238") or ("10533353") or ("9668729") or ("20030127482") or ("9113868") or ("20060213923") or ("7556177") or ("9566064") or ("9814463") or ("5309788") or ("20140263569") or ("4594838") or ("20140263566") or ("20130153624") or ("6161899") or ("5222277")).PN. or (("10294692") or ("9888921") or ("20140165620") or ("20060220417") or ("20160100836") or ("10422600") or ("20140263545") or ("20180252488") or ("20090190088") or ("20130153622") or ("20140265372") or ("6467847") or ("10471336") or ("9668728") or ("20190239876") or ("10538215") or ("20140263568") or ("20140182315") or ("2991083") or ("20190234104") or ("20140263567") or ("20160377361") or ("20010043853") or ("10196008") or ("20020096928") or ("20020185904") or ("20180065029") or ("9113866") or ("20180171686") or ("20120115393") or ("10182815") or ("3951342") or ("20030061658") or ("4993772") or ("20140263559") or ("20070182187") or ("6983980") or ("20070228694") or ("20160157863") or ("7905591") or ("9080800") or ("7311358") or ("5855408") or ("5697274") or ("20170282387") or				

		("20060091705") or ("9945629") or ("20130153642") or ("3074248") or ("6309170") or ("20190183496") or ("20140159410") or ("7543837") or ("20180272976") or ("9119615") or ("10139146") or ("20020180251") or ("9079542") or ("20150082816") or ("3488977") or ("5823001") or ("6669299") or ("6264060") or ("7422260") or ("20190269239") or ("9788834") or ("20190364685") or ("20150210220") or ("6394859") or ("20190389287") or ("20130051900") or ("20090146016") or ("2497219") or ("20060137114") or ("3258230") or ("7188888") or ("9380881") or ("20160332552") or ("2903864") or ("20070067956") or ("20150210377") or ("9580166") or ("6216471") or ("6533357") or ("20070235980") or ("20080209937") or ("20150246660") or ("5764481") or ("20070266516") or ("20180001496") or ("20140240235") or ("9423881") or ("20140165618") or ("9764487") or ("7475899") or ("20190183490") or ("20180079095") or ("20130256377") or ("20200016782") or ("20030234326") or ("20190061187") or ("7766282") or ("8695503") or ("7048241") or ("7216392") or ("20110157799") or ("10112313") or ("20030151339") or ("9113879") or ("10406707") or ("5842360") or ("20150233153") or ("20040177455") or ("20130153625") or ("9113867") or ("20130153623") or ("20180281966") or ("8395893") or ("8651815") or ("20100037634") or ("6648579") or ("7452175") or ("9074802") or ("20180250471") or ("7350369") or ("7520036") or ("7213859") or ("20190170420") or ("5774938") or ("7628031") or ("20110229309") or ("4329106")).PN. or (("6050097") or ("20050107824") or ("8448977") or ("20140123687") or ("4529150") or ("20120025492") or ("20100263514") or ("4085863") or ("3182611") or ("4194224") or ("8151678") or ("6232924") or ("20180345874") or ("20170043492") or ("20180164855") or ("6554362") or ("8186015") or ("5237709") or ("20090273264") or ("3306064") or ("3280578") or ("20150201776") or ("3327335") or ("20100043457") or ("6305897") or ("3362181") or ("20100043456") or ("20180186301") or ("20050155174") or ("20100037633") or ("7857186") or ("6293495") or ("7152900") or ("20040146385") or ("3074593") or ("20100043458") or ("8602736") or ("20120186288") or ("20180327002") or ("6859972") or ("20050136998") or ("20160102805") or ("10345024") or ("2253482") or				

		("20110000233") or ("3380342") or ("5479678") or ("10494082") or ("20020076313") or ("20170050579") or ("20060208520") or ("20170152017") or ("20100037632") or ("20060174646") or ("7047584") or ("20080051724") or ("4197049") or ("8520382") or ("20110229342") or ("4647117") or ("9913552") or ("7975638") or ("20070052256") or ("2680052") or ("9869423") or ("5785362") or ("20140183907") or ("20160166013") or ("9642767") or ("20050052063") or ("20050063807") or ("20190183499") or ("4578919") or ("20130092707") or ("20130048664") or ("5785327") or ("10391950") or ("7841191") or ("8381535") or ("2198168") or ("4538729") or ("6058953") or ("20060061173") or ("7553296") or ("6860701") or ("6026536") or ("20040013507") or ("9016773") or ("20130048667") or ("20100072252") or ("20100072253") or ("7243453") or ("7261379") or ("3276225") or ("6431923") or ("8096142") or ("20100043459") or ("8863984") or ("6964335") or ("5261248") or ("20100087857") or ("9109536") or ("7891207") or ("20050229462") or ("8991646") or ("10024088") or ("5476307") or ("20180166842") or ("20080040905") or ("20090067965") or ("20060065005") or ("10315828") or ("20060255637") or ("20160161045") or ("20140166654") or ("9775410") or ("20070079626") or ("20160115711") or ("6811067") or ("20080014844") or ("6156050") or ("7913514") or ("20170066387") or ("4763962") or ("8303604") or ("6477732") or ("20030000980") or ("10010461") or ("10337594") or ("5868351") or ("7552518") or ("6176169") or ("20100236121") or ("9447608")).PN. or (("7240881") or ("8967414") or ("5380231") or ("3005560") or ("20200011581") or ("5599197") or ("20070068189") or ("9010010") or ("20140270935") or ("20160201778") or ("20130305583") or ("7393056") or ("20110253766") or ("20170355507") or ("4655344") or ("5329786") or ("20150275821") or ("20120292970") or ("20020160639") or ("20040228713") or ("9790892") or ("9567060") or ("20160347478") or ("7946125") or ("5427049") or ("3517838") or ("8205781") or ("5529381") or ("9586532") or ("7810268") or ("5368493") or ("7832612") or ("2826379") or ("9650991") or ("8359993") or ("20150000305") or ("RE35938") or ("10082241") or ("20060118681") or ("20180356858") or ("6533303") or ("8882199") or ("10214947") or ("4176610") or ("20150129719") or ("20170233078") or ("2510400") or				

		("20180155035") or ("10364598") or ("20180266153") or ("7146820") or ("2960204") or ("7712323") or ("20160312504") or ("20070204437") or ("20100072251") or ("20110018413") or ("2864535") or ("8833783") or ("10293944") or ("5182984") or ("10301004") or ("20190241390") or ("7913510") or ("3970182") or ("20180134367") or ("20080092574") or ("20150297216") or ("7326024") or ("5885049") or ("20180252359") or ("20130126531") or ("9220332") or ("20050132739") or ("4473201") or ("20090072500") or ("9668733") or ("8172346") or ("20190000699") or ("20100244502") or ("20190308565") or ("20160242975") or ("3579698") or ("3007101") or ("20150233159") or ("20190308717") or ("5160094") or ("9422769") or ("6481799") or ("7954686") or ("5692208") or ("10296044") or ("8230539") or ("20080271269") or ("20180094769") or ("3411664") or ("7849707") or ("20020133997") or ("20190233120") or ("8348129") or ("7526991") or ("6254441") or ("20150333441") or ("20170015565") or ("20160023575") or ("7429091") or ("20160084434") or ("20090077852") or ("6729893") or ("5944473") or ("6952936") or ("2033174") or ("7913341") or ("10414503") or ("9758075") or ("20020000709") or ("3934360") or ("20110088208") or ("4165810") or ("20140215868") or ("7007318") or ("6007036") or ("3028733") or ("20150075390") or ("20110084115") or ("10125921") or ("7644890") or ("7717024") or ("6263776") or ("7735159") or ("20100077914") or ("5445488") or ("5310028") or ("10125028") or ("20170016665")).PN. or (("20160147267") or ("20030184051") or ("20160237726") or ("9353558") or ("7905381") or ("9356390") or ("20070012830") or ("6637814") or ("20010015544") or ("20070039190") or ("8960783") or ("10054990") or ("2215642") or ("3745779") or ("20110088174") or ("8919766") or ("20100135756") or ("20100072256") or ("9878641") or ("4738361") or ("6401592") or ("4413983") or ("20130061480") or ("20150012026") or ("5341542") or ("5465660") or ("20170015543") or ("20160201299") or ("20110248467") or ("20050168017") or ("9504260") or ("20180080605") or ("20160107546") or ("20020008932") or ("20110204692") or ("10279748") or ("5265583") or ("20020017811") or ("5694822") or ("9567058") or ("5890832") or ("20100000417") or ("8342555") or ("20190204001") or ("20180050642") or ("8578615") or ("10065845") or ("20140077034") or				

		("20200018101") or ("20150337570") or ("8813373") or ("10035465") or ("20120180354") or ("5106036") or ("20060000056") or ("20190159778") or ("20150013082") or ("8827878") or ("20160357226") or ("20120223123") or ("20130048666") or ("20170320445") or ("2645092") or ("6561585") or ("7305768") or ("6698998") or ("9228786") or ("3375678") or ("20150150691") or ("9445761") or ("9752358") or ("9616779") or ("6931686") or ("20160143748") or ("20050257536") or ("4018031") or ("9322150") or ("20110186355") or ("6010096") or ("4437410") or ("20160174985") or ("20140025170") or ("9625954") or ("9125778") or ("5712668") or ("20130093157") or ("6599079") or ("20050096646") or ("20190183502") or ("20190125356") or ("4457047") or ("7922742") or ("20110075352") or ("5890730") or ("20040022613") or ("9707770") or ("9278630") or ("3248073") or ("10485393") or ("5176488") or ("9016642") or ("20180128024") or ("20180148908") or ("20170333206") or ("20160052287") or ("5971422") or ("20070278352") or ("20150224781") or ("4783027") or ("8807482") or ("20160075261") or ("9433331") or ("20180132685") or ("8986389") or ("8902167") or ("8511736") or ("7618301") or ("20050250985") or ("10182818") or ("20100206988") or ("8307473") or ("20040137970") or ("5605431") or ("8579981") or ("20100307530") or ("6301489") or ("20150085437") or ("8720927") or ("20040075031") or ("20120139842") or ("20060207282") or ("5996178") or ("10391262")).PN. or (("8845007") or ("20120217782") or ("20110139841") or ("20170066311") or ("4267009") or ("20060046792") or ("20130076063") or ("20050262749") or ("20110155787") or ("20100212203") or ("20040177456") or ("20160220764") or ("20100281735") or ("8118040") or ("20180346075") or ("20190183503") or ("20190144142") or ("9764628") or ("5232375") or ("7631842") or ("8006609") or ("9317070") or ("20100140270") or ("20050055161") or ("10130530") or ("9271846") or ("6866464") or ("7237393") or ("20070204431") or ("7171247") or ("20190261990") or ("20180363341") or ("20190183497") or ("5067278") or ("20180066465") or ("5520406") or ("8763836") or ("20160249927") or ("20160130842") or ("20140194930") or ("20170184358") or ("20130015678") or				

		("6325685") or ("6880780") or ("5938008") or ("7628674") or ("20050096671") or ("10226250") or ("9616780") or ("10024036") or ("10052102") or ("20190144143") or ("5380144") or ("20190001711") or ("2919560") or ("20110008140") or ("20150080929") or ("20030226941") or ("20030102185") or ("20120091693") or ("3040542") or ("9757164") or ("9798360") or ("20160038144") or ("20140312037") or ("4896513") or ("8122552") or ("5383545") or ("20030235459") or ("9750617") or ("8651578") or ("10251646") or ("5193878") or ("7703169") or ("7155777") or ("7422022") or ("20190136581") or ("7299129") or ("20190125339") or ("6369542") or ("20160166256") or ("6115245") or ("20190261991") or ("20040022612") or ("5269589") or ("20060286891") or ("20050096670") or ("9249693") or ("20080009224") or ("10506871") or ("20120104911") or ("6986633") or ("20190136575") or ("6086314") or ("20080172086") or ("20170052568") or ("7628030") or ("10317159") or ("2743109") or ("8931679") or ("10120417") or ("5846096") or ("6123310") or ("9724031") or ("9625231") or ("7827719") or ("20170361481") or ("20070059140") or ("6810994") or ("20130092719") or ("20090126155") or ("20160213408") or ("5775746") or ("20050096645") or ("20190256120") or ("8800817") or ("9326771") or ("20160367256") or ("20180081401") or ("20100213241") or ("20130104609") or ("20110155788") or ("20160236365") or ("8540133") or ("7207130") or ("9016558") or ("4800731") or ("5105569") or ("20110088179") or ("2899915") or ("5501457") or ("4372281") or ("20110084113")).PN. or (("9352695") or ("20040103575") or ("10265191") or ("20140033542") or ("20090061794") or ("20110087276") or ("4468712") or ("20150008701") or ("20160208530") or ("9187114") or ("3012410") or ("9682734") or ("8733782") or ("5882053") or ("20130213177") or ("20190125360") or ("2537300") or ("20190033924") or ("20190183501") or ("20150090767") or ("20190125355") or ("20110121599") or ("5374104") or ("4865178") or ("8562264") or ("20040117926") or ("6406144") or ("10344510") or ("4727790") or ("9952632") or ("9237890") or ("8141762") or ("4319695") or ("20020111061") or ("9488200") or				

		("20030094472") or ("5379489") or ("20100170385")).PN.				
S454	23,551	g06f1/1632,1626,1637.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:13
S455	2,600	361/679.32,679.3,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:16
S456	992	206/701,775,776.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:16
S457	2,675	H02G3/14.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:17
S458	8,335	F16M13/02.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:18
S459	21	((("CHEUNG") near3 ("Steven")) OR (("DEALBUQUERQUE") near3 ("Sergio"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 11:18
S460	1	"20160003270"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:20
S461	2	"20090009945"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:21
S462	0	"201380342087"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:21
S463	1	"20130342087"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:21

S464	4	S460 S461 S463	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:21
S465	816	(("20130256478") or ("20130105662") or ("9791097") or ("20160312950") or ("20190281976") or ("20130048802") or ("9317076") or ("20150227178") or ("9229494") or ("20120300378") or ("20140028243") or ("8995126") or ("9276626") or ("9383777") or ("20150171913") or ("20140233167") or ("20130334072") or ("8531834") or ("4913390") or ("20160099741") or ("9900041") or ("8915361") or ("20130027862") or ("9559741") or ("9615476") or ("20140217862") or ("20170085283") or ("20130294020") or ("9450634") or ("20160191101") or ("9660684") or ("9548785") or ("20120314354") or ("20130342087") or ("20160254837") or ("10396843") or ("10090877") or ("20180337704") or ("20170237460") or ("20130140837") or ("9427071") or ("20150201723") or ("20170035170") or ("20100090489") or ("20140049060") or ("9300344") or ("8136217") or ("20170068270") or ("5828547") or ("9894192") or ("7886903") or ("20140076748") or ("20160072933") or ("20190343274") or ("9580209") or ("6217351") or ("20050269225") or ("20130213825") or ("9980561") or ("6355885") or ("7009111") or ("6904001") or ("20190376668") or ("6608253") or ("9128284") or ("8616422") or ("20140202493") or ("20140077054") or ("20130334070") or ("8596599") or ("7273983") or ("20130032617") or ("5857568") or ("9551459") or ("9032576") or ("8003886") or ("9344539") or ("20160334084") or ("6028765") or ("20150245703") or ("20140139999") or ("20030038045") or ("20160230968") or ("20130021743") or ("10207651") or ("20160297375") or ("6749061") or ("10429040") or ("20050050694") or ("20090101784") or ("6504710") or ("8456836") or ("7748667") or ("9069527") or ("9991640") or ("5416479") or ("20140029185") or ("20120260698") or ("9399432") or ("20100090488") or ("20110061885") or ("20130026897") or ("20180277995") or ("20130113346") or ("20140252818") or ("20150295362") or ("20120201000") or ("20020078291") or ("7686270") or ("9846452") or ("20140233108") or ("20140331417") or ("8453983") or ("9867439") or ("9562644") or ("20160010788") or ("20190376320") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:27

		("20130014330") or ("9296340") or ("7914059") or ("10455955") or ("20130193174") or ("20190393689") or ("8797721") or ("20160062398") or ("9635907") or ("10368457") or ("8551283") or ("20170055661") or ("7874539") or ("9360892") or ("8727290")).PN. or (("9326623") or ("20120307448") or ("20070075206") or ("20140075743") or ("20170196112") or ("9606579") or ("20160033997") or ("20180092471") or ("20110186345") or ("20010002691") or ("20170172267") or ("8784939") or ("8711553") or ("9185816") or ("20140060878") or ("9274568") or ("20190297741") or ("6318687") or ("8724312") or ("20110188180") or ("8587939") or ("7878476") or ("20100090490") or ("20120194998") or ("5913466") or ("20110170252") or ("8223488") or ("5253142") or ("9372513") or ("20190350326") or ("20150043141") or ("20160192774") or ("9728947") or ("20190118778") or ("20120275100") or ("20110170257") or ("9278648") or ("10076050") or ("20130328462") or ("20120327579") or ("20020179781") or ("20140166706") or ("20130200119") or ("6101087") or ("20020011544") or ("20190216227") or ("9414686") or ("10474193") or ("6426872") or ("6863252") or ("8157310") or ("20190384143") or ("9496665") or ("9121546") or ("20160242564") or ("20160205800") or ("9232670") or ("20020017119") or ("9710017") or ("9527456") or ("20010013234") or ("RE44727") or ("20090249705") or ("20130017330") or ("20150140868") or ("20050150263") or ("9577694") or ("20180312118") or ("20170308123") or ("6749158") or ("20150329062") or ("9680317") or ("9924805") or ("20130193909") or ("20160276852") or ("20020076512") or ("10009449") or ("20180292666") or ("20150047493") or ("20110187245") or ("20180271301") or ("10136737") or ("10442371") or ("8568829") or ("10198090") or ("20180116430") or ("20060238967") or ("5723821") or ("10349760") or ("6131347") or ("20140224953") or ("9605792") or ("6397533") or ("20180101196") or ("20120212896") or ("7608780") or ("9297495") or ("20090205864") or ("20170341463") or ("20160054537") or ("20170097698") or ("20070170230") or ("5971506") or ("20140263939") or ("8959845") or ("10232665") or ("6364265") or ("20160030696") or ("9644783") or ("20040206138") or ("20100090075") or ("20120127651") or ("20170152990") or				

		("20130165012") or ("20120194991") or ("8894445") or ("20080197248") or ("20130244496") or ("20100270052") or ("20060248803") or ("6903924") or ("20010015567") or ("5189259") or ("5435737") or ("20150103245") or ("6115977") or ("8905792") or ("20130148289") or ("9056696") or ("20170239588")).PN. or (("20070099681") or ("8104411") or ("6400561") or ("20180263136") or ("20150335139") or ("20020089820") or ("10443274") or ("5618141") or ("20120018605") or ("9004432") or ("20170310096") or ("20130260615") or ("9864403") or ("20030101778") or ("20170281390") or ("8025016") or ("8649169") or ("9414685") or ("9261912") or ("20130026324") or ("8338703") or ("20100090487") or ("20110128689") or ("9060609") or ("5934454") or ("4964017") or ("20110267774") or ("20080283148") or ("6158699") or ("9669324") or ("6553794") or ("10117353") or ("7143614") or ("9979172") or ("20070056337") or ("20050150262") or ("20110292666") or ("6497391") or ("20180358824") or ("9044087") or ("8098488") or ("20130140965") or ("7201029") or ("20120322301") or ("20060288745") or ("6644748") or ("20150111626") or ("20170108703") or ("9206626") or ("8814128") or ("8717758") or ("10312700") or ("20140182876") or ("20150121772") or ("8602817") or ("9375073") or ("7121125") or ("7100404") or ("RE43869") or ("20080035029") or ("20150052957") or ("6400562") or ("20160076276") or ("20170339800") or ("10125523") or ("20070220931") or ("20040026582") or ("9562375") or ("9874903") or ("8837144") or ("20090213536") or ("8437132") or ("6481683") or ("20020167205") or ("20120104185") or ("10420407") or ("10004476") or ("20140093303") or ("9078350") or ("20120272693") or ("20180360208") or ("20190078355") or ("7111479") or ("9310841") or ("10478580") or ("20140238091") or ("20190039574") or ("6702372") or ("8929065") or ("20140367136") or ("20080151488") or ("10058155") or ("10070707") or ("6089520") or ("10120199") or ("7978466") or ("4356712") or ("8955905") or ("7744172") or ("7100403") or ("6000252") or ("5502989") or ("20170145719") or ("8453981") or ("20070099680") or ("20190029380") or ("9074722") or ("5493878") or ("6735990") or ("20110297050") or ("20150301562") or ("7827920") or ("5764474") or ("20170099922") or				

		("20090244862") or ("8459191") or ("20110084182") or ("9498034") or ("9700114") or ("20140361584") or ("6000251") or ("20070278361") or ("9185953") or ("6155088") or ("6588241") or ("20140168885") or ("6810295") or ("9575516") or ("20190025881") or ("8763795") or ("6612665") or ("20150357751") or ("6112562") or ("6446285") or ("5755420")).PN. or (("4544323") or ("20090049791") or ("20180231228") or ("8472186") or ("8281542") or ("9146584") or ("20130178161") or ("20020011193") or ("20130040470") or ("7891719") or ("5924807") or ("20130043290") or ("20170065044") or ("20160058145") or ("20030000429") or ("20140360893") or ("20170303654") or ("20140210237") or ("20090107083") or ("9065205") or ("9660376") or ("20150003907") or ("20110102994") or ("20100299876") or ("8472177") or ("9472888") or ("20190289740") or ("20150380862") or ("20050185370") or ("7864518") or ("20140001324") or ("6385036") or ("20120085356") or ("20020141148") or ("20020151226") or ("20020101709") or ("20140246354") or ("6736073") or ("9055796") or ("5651456") or ("9723113") or ("8254097") or ("8467179") or ("8467178") or ("20150277509") or ("20140202890") or ("10178903") or ("9141136") or ("7184261") or ("8467185") or ("20150182197") or ("20120106078") or ("7322653") or ("20120106062") or ("9904333") or ("20120106059") or ("8467183") or ("20180013271") or ("5743503") or ("6158829") or ("20050279905") or ("6628516") or ("20060045495") or ("20110267757") or ("7787245") or ("20180325229") or ("5913907") or ("6574096") or ("20070223186") or ("20180084903") or ("20120106061") or ("20120106060") or ("8800569") or ("20040126197") or ("20130285522") or ("9462093") or ("6266236") or ("9383774") or ("20170156497") or ("10093377") or ("20040254020") or ("20060278504") or ("10067537") or ("20130178155") or ("9167906") or ("8708151") or ("20080100106") or ("20140225402") or ("9431190") or ("20180099714") or ("8891230") or ("9774713") or ("20090266954") or ("20160176356") or ("7530541") or ("9902335") or ("20050269477") or ("20140166832") or ("20190100267") or ("20130068706") or ("20150237750") or ("7823973") or ("8995125") or ("20060278794") or ("6967836") or ("20180140427") or ("10112670") or ("20150105127") or ("20090288543") or				

		("5944210") or ("8950593") or ("6540350") or ("20150111623") or ("20170360223") or ("20160204588") or ("20110309212") or ("6644605") or ("20170017268") or ("20140312086") or ("20130181584") or ("6714188") or ("7900489") or ("9049785") or ("7226027") or ("20140043744") or ("9188275") or ("10474189") or ("9991922") or ("9328865") or ("7348504") or ("6417842") or ("6267607")).PN. or (("20180013272") or ("20090025436") or ("20090212184") or ("20190064877") or ("20110112399") or ("8250830") or ("20170237843") or ("20020135732") or ("8934226") or ("9655434") or ("20050185373") or ("20140111933") or ("20190133280") or ("6926477") or ("20160297491") or ("20110267773") or ("20190308493") or ("10477968") or ("20190372614") or ("20090161062") or ("20130301216") or ("9711957") or ("6883694") or ("20030075578") or ("6439134") or ("20180092440") or ("9592871") or ("20020125798") or ("20150169007") or ("9588550") or ("5813873") or ("20170331237") or ("20170183052") or ("10396514") or ("10159336") or ("20090064627") or ("6070269") or ("20120119040") or ("20120049027") or ("10457127") or ("20120273630") or ("10104957") or ("20160352380") or ("20190269241") or ("7896573") or ("8072767") or ("9743757") or ("6543832") or ("20200000611") or ("8601617") or ("7625082") or ("10328776") or ("20140168877") or ("7261270") or ("5451168") or ("20120145835") or ("20190248299") or ("7365971") or ("20160235190") or ("20070201201") or ("10250783") or ("20040150628") or ("5787533") or ("20100091442") or ("20180192777") or ("5295089") or ("20100051769") or ("8888058") or ("7485820") or ("10352496") or ("9962003") or ("20130216067") or ("20190160651") or ("5000602") or ("8867202") or ("20200033912") or ("20120229882") or ("9058727") or ("20150208799") or ("10372161") or ("20170332778") or ("9807211") or ("20020120365") or ("9307131") or ("6532152") or ("9267641") or ("9056584") or ("20190230259") or ("20070002530") or ("20140092531") or ("8687359") or ("20120229009") or ("7614149") or ("20050152106") or ("20120030930") or ("5673982") or ("7707718") or ("20120241567") or ("20170019512") or ("20190323651") or ("10375844") or ("10390974") or ("20060260102") or ("20140197048") or ("20020017066") or ("6016248") or ("20140008513") or				

		("20100155099") or ("20180340646") or ("20110138739") or ("9424721") or ("20160169491") or ("20140085814") or ("20080078903") or ("6301101") or ("20080230266") or ("7611117") or ("5802988") or ("4180955") or ("8425286") or ("8702055") or ("9277825") or ("9589428") or ("10152081") or ("10187106") or ("20060260044") or ("20170344066") or ("9581286") or ("20070242426") or ("20150366356") or ("7242576")).PN. or (("20130147326") or ("20100130070") or ("20130229764") or ("20180013934") or ("20150329054") or ("9295778") or ("20110240830") or ("6856506") or ("7169141") or ("20200004113") or ("5805075") or ("20140191523") or ("20170261830") or ("9881290") or ("5392913") or ("20020144833") or ("20140077542") or ("20100221958") or ("20160132852") or ("9179777") or ("20010054861") or ("20130279110") or ("20180093608") or ("20050199672") or ("9257018") or ("20160144779") or ("20060268506") or ("20150220114") or ("6149001") or ("9207724") or ("9701248") or ("20160195899") or ("10191348") or ("20090098837") or ("20180257255") or ("7947903") or ("20130036949") or ("7789875") or ("20190024683") or ("7461483") or ("20130278122") or ("20100220434") or ("8345410") or ("5101736") or ("20090044736") or ("9840195") or ("20030191467") or ("9901713") or ("20020142650") or ("9173491") or ("20140110276") or ("5993227") or ("9563239") or ("7347484") or ("6279861") or ("20160202734") or ("20160320808") or ("20110138557") or ("20050026493") or ("5680721") or ("9993054") or ("20090009936") or ("6005209") or ("6557310") or ("7930006") or ("10245374") or ("9345328") or ("8733857") or ("9916570") or ("20170353209") or ("9643629") or ("7509891") or ("20170151972") or ("9145158") or ("20110180297") or ("20150305505") or ("9489020") or ("20180323559") or ("10089615") or ("7041103") or ("7650230") or ("20060044262") or ("10345672") or ("7736196") or ("20190305571") or ("20140376999") or ("6520607") or ("20160003270") or ("9486935") or ("20080226389") or ("20170161708") or ("8458847") or ("10245754") or ("7938689") or ("20150164227") or ("20150328020") or ("9631767") or ("9568947") or ("20110166947") or ("20170068143") or ("9882305") or ("20170354220") or ("10463120") or ("9189017") or				

		("20160358147") or ("8655422") or ("20140077571") or ("6545214") or ("20170221035") or ("10071683") or ("20150108317") or ("9451826") or ("20130284684") or ("6709039") or ("20130282501") or ("20060124133") or ("20120257341") or ("20110166690") or ("20160046309") or ("6115931") or ("6452793") or ("8896991") or ("9742458") or ("5337464") or ("9351552") or ("9466228") or ("10043495") or ("20060167453") or ("20170367503") or ("20100103602") or ("20080023508") or ("20160367029")).PN. or (("20120311941") or ("20150192953") or ("20080251680") or ("9010597") or ("20120327588") or ("7933123") or ("10490961") or ("8519326") or ("20060035767") or ("20110297578") or ("20160018847") or ("20080111032") or ("20190277441") or ("20030122457") or ("8138469") or ("20120256071") or ("8827234") or ("7206618") or ("20110043990") or ("20160294433") or ("5605311") or ("20090257207") or ("20170086535") or ("7875030")).PN.				
S466	418	S465 and tablet$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:27
S467	237	S466 and magnet$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:27
S468	38	S467 and (mount$3 near2 wall)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:27
S469	1	"9307131".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:32
S470	1,508	H05K7/18,183.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:43
S471	1,175	H02G3/081.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:43
S472	10,875	361/724-727,679.01,679.02.CCLS.	US-PGPUB;	OR	OFF	2020/02/03 11:44

			USPAT; USOCR			
S473	4,602	312/223.1-223.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:44
S474	465	H02B1/40,42.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:45
S475	3,932	H05K7/18,183,14,1401,1417,00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:48
S476	167	((("FRANCK") near3 ("Christopher")) OR (("KOZLOWSKI") near3 ("William")) OR (("QUINLAN") near3 ("Jamie")) OR (("SHUTE") near3 ("Matthew"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 11:51
S477	9	(("20160164271") or ("20180310430") or ("10270236") or ("20190237951") or ("20160295722") or ("10021807") or ("20150049452") or ("9370117") or ("4944082")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:52
S478	13	((("SONG") near3 ("Junhyeok")) OR (("KIM") near3 ("Backman")) OR (("YANG") near3 ("Kwangsik")) OR (("YEO") near3 ("Wonku")) OR (("YOO") near3 ("Sunghyun")) OR (("YOU") near3 ("Suhyun")) OR (("LEE") near3 ("Seokho")) OR (("JO") near3 ("Hwanju"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 11:53
S479	11	(("20190258290") or ("20130083464") or ("20130077221") or ("10409430") or ("20190250793") or ("20130083477") or ("9116655") or ("9086835") or ("20130083468") or ("20130083558") or ("20170003782")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:53
S480	465	H02B1/40,42.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:55
S481	14,892	G06F1/169,1616,1662.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:56

S482	3,337	361/679.26-679.3, "679.55", "679"."."56".CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:57
S483	5,793	361/679.26-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:57
S484	7,160	361/679.26-679.3,679.55,679.56,679.4.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 11:58
S485	15,909	G06F1/169,1616,1662,1671,1615.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:00
S486	9	("20120182677" | "20150220109" | "20150242012" | "20160077548" | "20160342176" | "20160357222" | "20170235933" | "8785030" | "8852796").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:27
S487	9	S486 AND (batter$3 or power)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:30
S488	8	S487 and (cpu or process$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:30
S489	13	("5515491" | "8370998" | "9285776" | "7949633" | "20140003006" | "8116444" | "1313644" | "8893938" | "20130044215" | "20150277489" | "20150089974" | "20140099479").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:33
S490	13	("20150116125" | "20160088880" | "5008864" | "5235560" | "6459890" | "6854978" | "6978160" | "7618260" | "8787006" | "8787119" | "9155505" | "9256253" | "9367087").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:35
S491	26	S489 S490	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:35
S492	15	S491 AND (batter$3 or power)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:36
S493	9	S492 and (cpu or process$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:36

S494	50	("20050056655" | "4331154" | "5392261" | "20060183980" | "20080132383" | "20050116811" | "20050256416" | "20120022341" | "4491970" | "5524637" | "5899370" | "6361503" | "20110021319" | "20120253485" | "20140107493" | "20110092790" | "3978849" | "4178751" | "4407295" | "5301154" | "20140032234" | "7717827" | "2189096" | "20070118043" | "20120168471" | "20140073486" | "4224948" | "4409983" | "5734625" | "3543724" | "8992385" | "20020151811" | "20110260870" | "20080228089" | "20090312656" | "20130064049" | "20130237778" | "4129124" | "4307727" | "6151968" | "6736759" | "7914425" | "20020188210" | "20030065269" | "5406952" | "5755623" | "20140228175" | "7192401" | "20080228089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:49
S495	40	("20080068288" | "7050835" | "20030230980" | "5834893" | "7558057" | "5247190" | "8096068" | "7710370" | "20100163684" | "4658877" | "2003109286" | "4769292" | "5844363" | "6013982" | "6087196" | "6091195" | "7968146" | "20020194702" | "20070145195" | "5009905" | "5503210" | "7180665" | "20040174116" | "6337102" | "7050835" | "7279704" | "7431968" | "8005518" | "20100064564" | "20100220060" | "20120038570" | "5707745" | "6468819" | "5560412" | "5703436" | "6097147" | "6294398" | "6303238" | "20060146488" | "20070097014" | "20130044487" | "7884815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:50
S496	38	("20110199389" | "20120242588" | "20100134503" | "20080258917" | "20110298750" | "20120242592" | "20080166519" | "20110054565" | "20110187681" | "20110215934" | "20110265565" | "20030066308" | "20100302179" | "20110037907" | "20100245246" | "20120069232" | "8982051" | "20120243151" | "20110265564" | "5931764" | "20110183722" | "20120115422" | "20120314546" | "20110265566" | "20050174302" | "20100242274" | "20100117975" | "20070158376" | "20090122036" | "20090251888" | "20080273040" | "20030201999" | "20050285963" | "20100317409" | "20110043431" | "20080291225" | "20080309640" | "20090132093").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:51
S497	128	S494 S495 S496	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:51
S498	93	S497 AND (batter$3 or power)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:51

S499	79	S498 and (cpu or process$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:51
S500	15	("20160077548" | "20150220109" | "20150242012" | "8785030" | "20060146514" | "7460085" | "8852796" | "20170100634" | "8482909" | "20160342176" | "20160357222" | "20120182677" | "9557386" | "20140009048" | "20170235933").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 12:52
S501	0	"87850303".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 13:22
S502	1	"8785030".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 13:22
S503	7,577	361/679.01,679.02,679.03.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:14
S504	16,587	G06F1/163,1635,1643,1652.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:15
S505	664	((("HIROKI") near3 ("Masaaki")) OR (("FURUMATSU") near3 ("Daisuke"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 14:15
S506	664	((("HIROKI") near3 ("Masaaki")) OR (("FURUMATSU") near3 ("Daisuke"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 14:15
S507	2,357	((("RAFF") near3 ("John")) OR (("MYERS") near3 ("Scott")) OR (("STRINGER") near3 ("Christopher"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/02/03 14:16

S508	10	(("20190265751") or ("20170177025") or ("10289158") or ("20150261254") or ("9594402") or ("8917517") or ("20110176283") or ("20130164995") or ("8874393") or ("20110282604")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:16
S509	51	(("8976141") or ("9864403") or ("20160357318") or ("20140240289") or ("20180101196") or ("10429892") or ("20130140965") or ("20150227227") or ("9791949") or ("20150130767") or ("9411451") or ("20190033911") or ("20190391614") or ("10228719") or ("20190163233") or ("20190377385") or ("10488888") or ("10348875") or ("20190152129") or ("20170359453") or ("20180059729") or ("20190278008") or ("20190079230") or ("9256250") or ("20140218856") or ("10067535") or ("20190025881") or ("8723824") or ("20130076649") or ("8724304") or ("20130279088") or ("9110320") or ("20140049500") or ("20180356913") or ("10318029") or ("20180052540") or ("10055039") or ("20190037690") or ("10521034") or ("20190278394") or ("20160254465") or ("10361384") or ("20190049638") or ("10353123") or ("20140092346") or ("10455716") or ("20190104625") or ("10020462") or ("20160351855") or ("20180292864") or ("9947882")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:17
S510	33,483	G06F1/1601,1613,1626,163,1633,1637,1641,1652.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:18
S511	7,825	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:18
S512	5,977	349/56-60.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:18
S513	489	345/905.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:18
S514	55	("20120242588" | "20130021289" | "6188391" | "6323846" | "6690387" | "20120146886" | "20140197380" | "20090167171" | "20120127087" | "20130081756" | "20140092338" | "7034913" | "7541671" | "8723824" | "8787016" | "8929085" |	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 14:19

		"8947627" | "20130033434" | "20100026952" | "20130082984" | "5483261" | "5835079" | "7834451" | "8804347" | "20100253902" | "20120218219" | "20120243151" | "4066855" | "6310610" | "7663607" | "20060026521" | "20100315399" | "20130140965" | "4085302" | "7015894" | "7184064" | "8724304" | "8816977" | "9098242" | "20100164973" | "20090256471" | "20120249891" | "5488204" | "5880411" | "8690412" | "8934228" | "20110095975" | "20030048256" | "20060197753" | "20110086680" | "20130148315" | "5825352" | "6803245" | "8716932" | "20110050657").PN.				
S542	3	"20150138723"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/03 21:24
S543	2	"20180164852"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/12 11:35
S544	2	"20160370828"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/12 11:35
S545	4	S543 S544	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/12 11:35
S546	2	"20060164808"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/15 12:37
S547	4	("20120218723" | "20130108813" | "20070216583" | "20130257662").PN.	US-PGPUB; USPAT	OR	OFF	2020/02/18 10:00
S548	2	("20070216583" | "20130257662").PN.	US-PGPUB; USPAT	OR	OFF	2020/02/18 10:01
S549	4	("20120218723" | "20130108813" | "20070216583" | "20130257662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:04
S550	2	("20090179751" | "7983030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:04

S551	3	("20070008227" | "20130234910" | "9059505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:04
S552	9	S549 S550 S551	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:04
S553	6	("20070154318" | "9477269" | "9477269" | "20140009888" | "7096678" | "20140287675" | "7602606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:30
S554	267	haughton.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:41
S555	1,385	haughton.xp.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:41
S556	408	S555 and (laptop or (lap near top) or notebook)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:41
S557	100	S556 and (airflow or (air near flow) or cooling)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:41
S558	24	("20050023265" | "20080156004" | "20100165567" | "20100167636" | "20130027873" | "20130077241" | "20140092544" | "20140185219" | "4980848" | "6069791" | "6078495" | "6091600" | "6175492" | "6256192" | "6459573" | "6496369" | "6816371" | "6909602" | "7457113" | "7894184" | "8369084" | "8515589" | "8520382" | "9104374").PN. OR ("10528100").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:43
S559	1	"20100165567"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:47
S560	202,872	("20030038567" | "6028768" | "D529503" | "6930881" | "5546334" | "6175492" | "6612668" | "7630195" | "6392871" | "20100214743" | "6191938" | "6762931" | "7733644" | "5490036" | "5764474" | "5168427" | "5534891" | "5754395" | "6091600" | "6771493" | "6853543" | "7894184" | "5539615" | "5729480" | "6008986" | "6307736" | "6459573" | "D306433" | "D621398")".PN"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:47

S561	2	"20130234910"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:58
S562	1	"9059505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 10:59
S563	6	("20060282993" | "20070133156" | "20100246103" | "20120326003" | "20140151248" | "6922333").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:06
S564	3	("20080092333" | "20090021903" | "20090103261").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:09
S565	7	("20060282993" | "20070201689" | "20070246386" | "20090020570" | "20140221741" | "20150061881" | "8474669").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:09
S566	10	S564 S565	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:09
S567	1	S563 and S566	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:09
S568	1	"20180295733"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:16
S569	12	("20160299346" | "20130249778" | "20160054571" | "20130249778" | "5767820" | "20160062125" | "20170094816" | "20170367423" | "20180338130" | "20160249124" | "20190346682" | "20160249124" | "20180055202" | "20180321707").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:24
S570	3	("20140352113" | "20150159413" | "9057215").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:30
S571	10	("20050050686" | "20050122671" | "20090000062" | "20110304983" | "20130111704" | "20140223693" | "20150267450" | "20150345195" | "6045393" | "7512426").PN.	US-PGPUB; USPAT	OR	OFF	2020/02/18 11:31
S572	1	"4944401".pn.	US-PGPUB;	OR	OFF	2020/02/18 11:44

			USPAT; USOCR			
S573	6	("20140290474" | "4944401" | "8670879" | "3906370" | "5366105" | "20070159789").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:50
S574	0	S573 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:50
S575	0	S573 and vacuum$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:51
S576	0	S573 and hermetic$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:51
S577	5	("3207354" | "5123538" | "6153720" | "20070095543").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:54
S578	12	("20120080465" | "6127802" | "20070285053" | "20130053145" | "5177665" | "20150220113" | "20070029359" | "20070152633" | "20120080465" | "6305217" | "20110101058" | "20140268544" | "7580255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 11:58
S579	4	(("20150372403") or ("5164818") or ("20090207573") or ("20070081315")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:25
S580	1	S579 and film$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31
S581	0	S579 and (electrically near insulat$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31
S582	2	S579 and (flexible)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31
S583	4	S579 and layer$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31

S584	0	S579 and ((first and second) near layer$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31
S585	0	S579 and ((first and second) near3 layer$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:31
S586	2	S580 S582	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:32
S587	4	S583 S586	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:32
S588	179	(("20200045822") or ("20020159238") or ("6723926") or ("20150211718") or ("20090163085") or ("8070534") or ("4902235") or ("6540558") or ("20080003892") or ("6094361") or ("20120009813") or ("3984166") or ("4675784") or ("4046442") or ("5788513") or ("4230385") or ("20070176613") or ("20050225313") or ("8031474") or ("20070068700") or ("7239158") or ("20060121722") or ("20190287892") or ("20100096168") or ("6573458") or ("5502889") or ("5893762") or ("20030096520") or ("20140151089") or ("5172472") or ("7596863") or ("9035191") or ("20080168651") or ("5220491") or ("5430608") or ("5688584") or ("4216576") or ("10541359") or ("6840783") or ("20030104712") or ("20180204998") or ("20160150648") or ("20080318447") or ("6872083") or ("5290970") or ("20020031935") or ("5414224") or ("20030181076") or ("6778406") or ("6036518") or ("20140106578") or ("20130206468") or ("4871583") or ("20050136720") or ("7225538") or ("20140182898") or ("10257935") or ("5104327") or ("20100065963") or ("7077665") or ("5733136") or ("5727310") or ("9265148") or ("5800650") or ("20130100628") or ("6790064") or ("6273738") or ("7104825") or ("20030139071") or ("6835898") or ("20100208425") or ("5699613") or ("6541712") or ("7651345") or ("20070212920") or ("20170332490") or ("5152699") or ("7128579") or ("20140104776") or ("20150282297") or ("20050265671") or ("20180332704") or ("8834182") or ("10021783") or ("8004856") or ("5541567") or ("6580036") or ("20030168255") or ("10149384") or ("5147209") or ("6869750") or ("6110823") or ("20060124348") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:33

		("20020150838") or ("6210236") or ("20150177779") or ("20070075726") or ("20080063342") or ("9320133") or ("4203013") or ("7484897") or ("6336269") or ("20010027875") or ("20010020545") or ("8485418") or ("20030141600") or ("20140104775") or ("5561594") or ("20140102626") or ("20070228110") or ("10057989") or ("4661654") or ("5758413") or ("7501839") or ("9746879") or ("7404680") or ("20110057018") or ("6727579") or ("6884945") or ("20040144564") or ("20110230064") or ("5313015") or ("20010020546") or ("20140308850") or ("4979787") or ("20110299288") or ("20190057923") or ("8403681") or ("8817458") or ("4674811") or ("20140045390") or ("6713792") or ("9270032") or ("RE37840") or ("20140104786")).PN. or (("20160227652") or ("9338895") or ("5557844") or ("20150077940") or ("8992236") or ("8902603") or ("5873161") or ("4563725") or ("6378201") or ("4610756") or ("20080230512") or ("20180168076") or ("9178294") or ("7748991") or ("20050244621") or ("6386913") or ("20140104766") or ("6224392") or ("7573359") or ("8837141") or ("20140106579") or ("20080020624") or ("5015191") or ("6325655") or ("20020117330") or ("9125313") or ("20020195271") or ("7518880") or ("20100319972") or ("8902606") or ("5479703") or ("20020142627") or ("6747217") or ("20120055701") or ("20150325958") or ("5487218") or ("8546696") or ("6373716") or ("20140004736") or ("6593535") or ("20150162678") or ("20010023781") or ("5527998") or ("8758030")).PN.				
S589	98	S588 and (electrically near insulat$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:34
S590	66	S589 and (flexible)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:34
S591	26	S590 and ((first and second) near layer$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:35
S592	24	S591 and pin$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:38

S593	3	S592 and blind	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:41
S594	18	S590 and blind	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:42
S595	15	S594 not S593	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:42
S596	1	("20190084485").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:58
S597	2	(("20190129477") or ("20190132968")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 12:59
S598	1	"4944401".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:01
S599	11	("5366105" | "3906370" | "4944401" | "20180258796" | "20060272838" | "5552608" | "20140290474" | "20180105063" | "20110068644" | "5508922" | "20160242598").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:03
S600	3	S599 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:03
S601	1	"4944401".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:28
S602	4,826	H05K1/184,115.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:44
S603	5,894	H05K3/0017,28,3447.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:44
S604	1,250	H05K5/0213.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:44

S605	2,137	H05K7/1412,20172,20863.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 13:44
S606	26,585	g06f1/16,1652,1681,1616,1637,1684,1613,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 14:00
S607	8,314	H04M1/0268,0216,0214,02,0206.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 14:00
S608	0	"1652,1616,1637,1684,163,1643".CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 14:03
S609	29,518	G06F1/1652,1616,1637,1684,163,1643.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/02/18 14:03
S616	21	(("20190321864") or ("10493496") or ("20180345325") or ("20190321863") or ("10272474") or ("10562077") or ("20180093303") or ("10259019") or ("20140311928") or ("20180133759") or ("20180117636") or ("10259021") or ("10259020") or ("20170245732") or ("20170083049") or ("10372159") or ("20130301205") or ("20120200990") or ("8503174") or ("9696752") or ("20160284497")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 11:51
S617	12,237	G06F1/32,16,1601,1603,1605,1607,1609,1611.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:43
S618	1,392	B08B1/002,006.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:43
S619	12,380	361/679.01,679.02,679.21-679.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:44
S620	57	((("MAYFIELD") near3 ("Walter")) OR (("VALDEZ") near3 ("Daniel"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2020/03/02 12:44

			DERWENT			
S621	2,246	345/8.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:53
S622	12,513	361/679.21,679.26,679.3,679.55,679.56,679.01,679.02,679.03.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:53
S623	31,266	G06F1/1624,1626,163,1639,1647,1652,1666,1671,1694.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:53
S624	26,618	G06F3/011,014,0202,0221,045.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 12:53
S625	21	("0022007" | "0031997" | "0032002" | "0032003" | "0032007" | "0042002" | "0042004" | "0052001" | "0052006" | "0062001" | "0062003" | "0062004" | "0072002" | "0072003" | "0082004" | "0091998" | "0102001" | "0102004" | "0111999" | "0112003" | "0121993").PN.	US-PGPUB; USPAT	OR	OFF	2020/03/02 12:59
S626	7,028	g06f1/1669,1633,1637,1654.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:11
S627	8,945	361/679.21-679.3,679.41-679.44,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:12
S628	298	((("GILBERT") near3 ("Taylor")) OR (("TOM") near3 ("Kristine")) OR (("KIBITI") near3 ("Elvis")) OR (("CHAVEZ") near3 ("RUIZ") near3 ("GARZA") near3 ("Jaime")) OR (("MATZINGER") near3 ("Thomas")) OR (("LI") near3 ("Zhengyu")) OR (("BATES") near3 ("Charles")) OR (("HSIAO") near3 ("Shih-Hsiang")) OR (("LYON") near3 ("Johan"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/02 13:13
S629	14	(("10303209") or ("20170068282") or ("9946296") or ("20180196473") or ("9946295") or ("20170068281") or ("9905964") or ("20170070001") or ("10317953") or ("20180364769") or ("10082840") or ("20170364125") or ("9778705") or ("20170068286")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:14

S630	236	(("9094677") or ("20160349520") or ("9436009") or ("10191289") or ("10228761") or ("20180335833") or ("20140218269") or ("9081177") or ("20150277119") or ("20130335301") or ("9341849") or ("20160232717") or ("9552676") or ("9952662") or ("20170344105") or ("9442563") or ("9804682") or ("20130235331") or ("9261700") or ("20160231572") or ("10371944") or ("20130188080") or ("20160025978") or ("9210399") or ("20140022163") or ("20130044042") or ("9429772") or ("9075249") or ("9933623") or ("9164284") or ("8976085") or ("20130176626") or ("20160025973") or ("20170168296") or ("20150138064") or ("20160147309") or ("9285592") or ("10310265") or ("20160353098") or ("20100309097") or ("20200004327") or ("9936194") or ("9734633") or ("20180218543") or ("20130194259") or ("10573079") or ("20180063626") or ("20140145914") or ("10433044") or ("20200053450") or ("20170230760") or ("20060061555") or ("10536783") or ("7667962") or ("9851787") or ("20170230640") or ("20140292808") or ("10055887") or ("9244539") or ("20150193018") or ("20170249726") or ("20140347798") or ("9606358") or ("10163198") or ("8976516") or ("8644010") or ("20160328082") or ("10001832") or ("20180260021") or ("10509461") or ("9703369") or ("20090073084") or ("9217868") or ("20170287182") or ("20130208014") or ("20180217429") or ("20180004312") or ("20140306866") or ("10032299") or ("9147111") or ("20080169998") or ("20170277253") or ("20130027572") or ("20150348327") or ("20150253862") or ("10163265") or ("20160147086") or ("10203761") or ("20160209658") or ("9606363") or ("20190331919") or ("9551873") or ("9335919") or ("20150235433") or ("20160019423") or ("9195067") or ("20150235429") or ("9091852") or ("10520782") or ("9766482") or ("20180075820") or ("20160350057") or ("20180365492") or ("20130258270") or ("20180075654") or ("10068553") or ("20190387299") or ("9928660") or ("10068374") or ("9599825") or ("20150177864") or ("20120249590") or ("10234939") or ("20170090203") or ("10126812") or ("20150235435") or ("20160129346") or ("20150146300") or ("20150309316") or ("20180072226") or ("20130249776") or ("20170168566") or ("10525335") or ("20140361956") or ("20190025587") or ("20170344114") or ("20150234463") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:15

		("9958934") or ("9630098") or ("10282907")).PN. or (("10180572") or ("20190311796") or ("9967553") or ("20140028968") or ("20150235434") or ("20180131928") or ("9291823") or ("6320559") or ("20020126066") or ("10380776") or ("9142062") or ("9261701") or ("20150234462") or ("20120249591") or ("5977935") or ("20150177518") or ("9759917") or ("20190369714") or ("20180224929") or ("9784971") or ("10530915") or ("20120206335") or ("20170345194") or ("20190324274") or ("20150235610") or ("8990682") or ("20120194419") or ("10296104") or ("20140063055") or ("20170123209") or ("20130314303") or ("20120194552") or ("10379346") or ("20120194553") or ("20120194418") or ("20190197737") or ("20120206322") or ("10290120") or ("9285589") or ("20180024363") or ("9047698") or ("20120206334") or ("7113151") or ("20140063054") or ("20120200499") or ("10539806") or ("20120194551") or ("20120194420") or ("20180203239") or ("9529197") or ("20160014403") or ("9316836") or ("20170235380") or ("20120194549") or ("10261319") or ("20120194550") or ("10530914") or ("8922545") or ("20180268568") or ("20180024803") or ("20120200488") or ("20120206323") or ("20120249741") or ("20120206485") or ("20180252931") or ("9384594") or ("20120200601") or ("9875075") or ("10215990") or ("20120212414") or ("9961337") or ("20120212406") or ("8362973") or ("9202313") or ("20100295754") or ("10116924") or ("20110306413") or ("20150277841") or ("10477149") or ("20140204002") or ("9652047") or ("20180254019") or ("10417992") or ("20180130235") or ("20170235431") or ("10084990") or ("9813673") or ("10183231") or ("10409424") or ("10001857") or ("20190028674") or ("20170208292") or ("20170059871") or ("20150362733") or ("20170229095") or ("20130278631") or ("9972277") or ("20180063484") or ("20130300636") or ("10031576") or ("20190141291") or ("20160246384") or ("20190222830") or ("9703102") or ("20190391391") or ("20190361230")).PN.				
S631	6,346	h05k5/0017,03,061.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:35

S632	1,026	G05B11/01.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:36
S633	16,228	G05B15/02.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:36
S634	8	(("20120307431") or ("20190187630") or ("20160227664") or ("10254718") or ("9268319") or ("20160223996") or ("20120296447") or ("9261866")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/02 13:39
S635	209	((("CARLSON") near3 ("BRIAN")) OR (("CHERNIK") near3 ("RYAN")) OR (("DAHLGREN") near3 ("ARON")) OR (("NELSON") near3 ("WESLEY"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/02 13:39
S636	298	((("GILBERT") near3 ("Taylor")) OR (("TOM") near3 ("Kristine")) OR (("KIBITI") near3 ("Elvis")) OR (("CHAVEZ") near3 ("RUIZ") near3 ("GARZA") near3 ("Jaime")) OR (("MATZINGER") near3 ("Thomas")) OR (("LI") near3 ("Zhengyu")) OR (("BATES") near3 ("Charles")) OR (("HSIAO") near3 ("Shih-Hsiang")) OR (("LYON") near3 ("Johan"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/02 13:39
S645	0	(("20100007609" | "20160192510" | "20130076575" | "3650312" | "6054939" | "20030007323" | "9176527").PN.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/12 11:01
S646	7	("20100007609" | "20160192510" | "20130076575" | "3650312" | "6054939" | "20030007323" | "9176527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/12 11:02
S647	3,862	361/724-727.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:18
S648	5,233	H05K5/00,02,0204,0217.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:18
S649	6,892	G06F1/18,181,183.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:18

S650	6,028	h05k7/1485,1488,1489,18,183,186,1401,14,00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:18
S651	222	((("HARTMAN") near3 ("Corey")) OR (("LIN") near3 ("Yu-Feng"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/16 12:18
S652	1,158	(("20190291792") or ("20190016398") or ("10363978") or ("5661630") or ("20020053122") or ("6425706") or ("20040060918") or ("6740851") or ("20190069442") or ("20180372978") or ("20070001565") or ("10585258") or ("5973926") or ("3434099") or ("20100053855") or ("7724506") or ("5673982") or ("20140049101") or ("6345429") or ("20100202623") or ("20110305350") or ("20150370025") or ("20170315321") or ("6255583") or ("20080049949") or ("20170315320") or ("10359593") or ("20200018915") or ("9709765") or ("10126513") or ("5777821") or ("20030067741") or ("6166920") or ("20110292616") or ("5457608") or ("6570756") or ("8947860") or ("7400508") or ("6893173") or ("20040096257") or ("20160261227") or ("8087165") or ("6661651") or ("20190097574") or ("10345862") or ("20090017675") or ("10171027") or ("20130259260") or ("8498126") or ("20140146482") or ("9013881") or ("20140027391") or ("20190136575") or ("20020195908") or ("20170275915") or ("20190136581") or ("8689486") or ("6373690") or ("20080012456") or ("20100008051") or ("6264480") or ("6542383") or ("6570755") or ("4906201") or ("5978232") or ("6597577") or ("4737888") or ("20110068243") or ("6473309") or ("20030129020") or ("20020196603") or ("7848102") or ("4721473") or ("8074948") or ("6665178") or ("7733659") or ("4124267") or ("20170241455") or ("20110292609") or ("20110292769") or ("20170031165") or ("8625292") or ("20110299261") or ("20100205622") or ("20100186217") or ("6477053") or ("9926956") or ("8493739") or ("20140023205") or ("20110299700") or ("20020101709") or ("20110299251") or ("20060214082") or ("20020151226") or ("8625293") or ("20110301906") or ("8035976") or ("20020141148") or ("20110299698") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:19

		("5738064") or ("20140036460") or ("6357603") or ("20150156928") or ("20140160683") or ("8284559") or ("20110299699") or ("8731862") or ("8599568") or ("8593821") or ("8477509") or ("8988884") or ("9173332") or ("8570757") or ("20120243198") or ("9119288") or ("20060268506") or ("20120250880") or ("20120244827") or ("20140016274") or ("7883099") or ("8724335") or ("8749988") or ("9237683") or ("20070002530") or ("8830687") or ("10139637") or ("8982561") or ("20170151972") or ("20050026493") or ("7360304") or ("6114626") or ("10133312") or ("6443768")).PN. or (("6452793") or ("20080003889") or ("7614149") or ("20110084518") or ("7707718") or ("6056080") or ("6373707") or ("20060268509") or ("8240746") or ("20130333941") or ("6628516") or ("20150375806") or ("7262958") or ("20180314304") or ("6823588") or ("9271430") or ("9586631") or ("3289044") or ("20110274287") or ("6741466") or ("8749991") or ("10317955") or ("6934162") or ("5326115") or ("6183185") or ("6297948") or ("20050094366") or ("6421911") or ("7054153") or ("20160259380") or ("20150131220") or ("5666239") or ("8995115") or ("20040263790") or ("20120099264") or ("10061361") or ("20170257968") or ("9647157") or ("20140026946") or ("20020075581") or ("20180372977") or ("8339775") or ("20070171657") or ("4310870") or ("5680293") or ("20130003280") or ("20110304972") or ("10499526") or ("6519101") or ("9829932") or ("7708301") or ("20020089829") or ("20130279107") or ("6384993") or ("7887074") or ("20200056883") or ("20080315560") or ("20090036021") or ("10146271") or ("3363957") or ("10349547") or ("20160021774") or ("20040100767") or ("6672914") or ("7097507") or ("20140001719") or ("20190278039") or ("20160327986") or ("8451598") or ("20170210269") or ("8897001") or ("20040129487") or ("7107675") or ("20160167559") or ("7600294") or ("20080078057") or ("20150338883") or ("10133314") or ("8777324") or ("20150338887") or ("20170217464") or ("5396400") or ("20110049824") or ("7461955") or ("20130286577") or ("20160327980") or ("20140111929") or ("20130069417") or ("6385051") or ("20070171648") or ("7213673") or ("4985604") or ("20180232016") or ("20040194221") or ("20120250487") or ("7654706") or ("20020142636") or ("9648768") or				

		("20090252015") or ("20150375808") or ("6760220") or ("20120106067") or ("8854829") or ("20160340844") or ("20010001637") or ("9784907") or ("9132562") or ("20060256541") or ("20170233960") or ("8411434") or ("20160120047") or ("10106180") or ("20070171659") or ("6880202") or ("10126783") or ("20040120106") or ("8936258") or ("20100142143") or ("9925904") or ("9499216") or ("20070171658") or ("9739022") or ("20130340295") or ("20160044831") or ("9411380") or ("9839255") or ("20150166135") or ("8018107") or ("6682368") or ("8869338") or ("8567796") or ("9637877") or ("5938050")).PN. or (("9439308") or ("7559796") or ("20100188812") or ("8488422") or ("20170313231") or ("6087575") or ("5168428") or ("20170291658") or ("20100065593") or ("20060103220") or ("8182319") or ("9142492") or ("4113337") or ("20180081139") or ("20160018589") or ("10261281") or ("20200003983") or ("6058579") or ("6158699") or ("10228721") or ("6203130") or ("20160050793") or ("5746617") or ("20070171643") or ("6655995") or ("20170003718") or ("20140265376") or ("20140183710") or ("20040105219") or ("20120051000") or ("8231036") or ("5467254") or ("20140208602") or ("4644614") or ("20060139868") or ("9969318") or ("7414856") or ("9688178") or ("20170276893") or ("20150366296") or ("4669028") or ("20130031810") or ("9426929") or ("10496137") or ("8120904") or ("20120307448") or ("5666713") or ("8592960") or ("7200003") or ("5551824") or ("6597584") or ("9157720") or ("20100328905") or ("8469557") or ("7377672") or ("20070171660") or ("20110019964") or ("7481557") or ("9725928") or ("6304436") or ("20140254169") or ("4396208") or ("20060198092") or ("20180364435") or ("5950754") or ("8248315") or ("7240967") or ("20070171652") or ("6362978") or ("6437980") or ("9289032") or ("20110162157") or ("6270066") or ("8494329") or ("20120218725") or ("20030206397") or ("20150336710") or ("20120212914") or ("20070171653") or ("10082634") or ("20060168773") or ("7450371") or ("20130129299") or ("20100278498") or ("20140111928") or ("20080068789") or ("9139237") or ("8072781") or ("20140347831") or ("20070268661") or ("6477042") or ("8760886") or ("20140133820") or ("20100166211") or ("20180119453") or ("8077468") or ("7545636") or ("20160109673") or ("20020092201") or				

		("20100277379") or ("20090141457") or ("7357538") or ("20170235071") or ("8316499") or ("20120033927") or ("6174126") or ("20110222195") or ("20130334381") or ("5146815") or ("20190049683") or ("20180125324") or ("6176001") or ("6327148") or ("7885505") or ("10502917") or ("8243402") or ("8627552") or ("8264856") or ("20120160978") or ("20180231730") or ("20140111926") or ("8649133") or ("20060046557") or ("6929133") or ("5813824") or ("4746134") or ("20130215542") or ("7182623") or ("9061584") or ("5854869") or ("6661673") or ("20080007670") or ("4456414") or ("20160046309")).PN. or (("7726847") or ("5913581") or ("8897007") or ("20180007806") or ("8599548") or ("20160026027") or ("9566990") or ("20170068280") or ("6975511") or ("5408570") or ("20190237848") or ("20070246695") or ("20110304974") or ("20180309239") or ("20190196608") or ("9538632") or ("5462295") or ("20160355077") or ("20080044630") or ("20170210268") or ("3050194") or ("10070554") or ("20070115587") or ("8493727") or ("10461474") or ("7196828") or ("8340491") or ("20020054360") or ("9762844") or ("7140903") or ("4915636") or ("20110255233") or ("10396431") or ("2873998") or ("3573366") or ("9971384") or ("5459808") or ("6122164") or ("3325692") or ("3381974") or ("20130070409") or ("20050168932") or ("10376129") or ("20100110653") or ("7484715") or ("20050018390") or ("8066321") or ("9643629") or ("6822858") or ("20090316371") or ("9499034") or ("9500893") or ("20060109618") or ("9568700") or ("8634192") or ("20180175568") or ("7289317") or ("20170273212") or ("7133290") or ("9823509") or ("9891398") or ("20160372877") or ("9237685") or ("8152552") or ("6570761") or ("9775261") or ("20100328556") or ("20080205028") or ("4623946") or ("20130286574") or ("8625305") or ("9955608") or ("9595798") or ("20100033925") or ("10150399") or ("20190196544") or ("20170222367") or ("6900984") or ("20100254078") or ("20150253160") or ("20090279267") or ("2935554") or ("20190389666") or ("20160109089") or ("20140375181") or ("20130286582") or ("20020182974") or ("7158372") or ("20040150947") or ("6301107") or ("9632255") or ("20140098512") or ("20170256890") or ("4772965") or ("20130183000") or ("20040025449") or ("20090154134") or ("7916502") or ("20190220065") or ("8923000") or ("20150277491") or ("20090145696") or				

		("20160355143") or ("10056717") or ("20110032672") or ("6603657") or ("6972949") or ("10416710") or ("20070216116") or ("7983057") or ("20070223236") or ("20110083893") or ("20180335595") or ("20110266278") or ("20140153143") or ("6109710") or ("10310206") or ("6295202") or ("7859858") or ("20050128723") or ("20020097558") or ("9722357") or ("20150367727") or ("5700068") or ("7974092") or ("20160353593") or ("8105109") or ("20070183707") or ("6920721") or ("20120106752") or ("9042119") or ("20190196543") or ("20150163922")).PN. or (("9665125") or ("9952635") or ("20090186520") or ("9030789") or ("3941951") or ("20190227250") or ("20110310575") or ("8944449") or ("8164911") or ("20120231319") or ("5552959") or ("9829655") or ("20110136554") or ("20110136551") or ("20170217388") or ("20020029920") or ("20030000761") or ("5707244") or ("20060114663") or ("8681507") or ("20180120906") or ("5721669") or ("20020118526") or ("9358359") or ("10493837") or ("20020189884") or ("6239358") or ("9132543") or ("20070223235") or ("4233643") or ("20030000760") or ("6366460") or ("9836080") or ("20040150948") or ("5553673") or ("20120026678") or ("9223345") or ("9854683") or ("7854460") or ("7896693") or ("20160282652") or ("10042399") or ("20080074831") or ("3727421") or ("4538875") or ("20070223239") or ("20040140171") or ("6982878") or ("8611103") or ("20060002098") or ("20130107424") or ("10087009") or ("20070115616") or ("8379399") or ("20150348593") or ("20050180098") or ("20160124465") or ("10401902") or ("10481634") or ("7019967") or ("20140346763") or ("20110262077") or ("9868408") or ("20070223237") or ("20150076982") or ("7362926") or ("20140092546") or ("20180110152") or ("20180222024") or ("20060237502") or ("20150277513") or ("20080014093") or ("20020154474") or ("20070165373") or ("20100002393") or ("7967335") or ("20080204995") or ("9798177") or ("2483801") or ("20060267466") or ("5600538") or ("20110132855") or ("20130215398") or ("9269400") or ("20180071155") or ("20070274043") or ("9798357") or ("10257956") or ("8605459") or ("20170146431") or ("3386012") or ("8279596") or ("8967669") or ("20130188327") or ("20050117292") or ("9946315") or ("7639499") or ("20020181212") or ("20020181219") or				

		("20090146120") or ("5915820") or ("20060120035") or ("20150210319") or ("9217501") or ("20190200836") or ("20060152896") or ("20180242442") or ("4827378") or ("10053150") or ("20090097200") or ("20180246548") or ("5292275") or ("20100019464") or ("5662342") or ("9211924") or ("6595311") or ("7450373") or ("20140175782") or ("20140175783") or ("6658766") or ("20180070469") or ("20190107678") or ("6707686") or ("8614890") or ("20160355142") or ("10237965") or ("9235237") or ("20200032649") or ("20140286610") or ("5379185") or ("8879243") or ("20160044802")).PN. or (("7414852") or ("10473864") or ("9120372") or ("20170300095") or ("7321487") or ("7810792") or ("10337936") or ("5347430") or ("20100294733") or ("6349039") or ("20070223234") or ("4027206") or ("10051758") or ("7324348") or ("9969259") or ("9365251") or ("6940730") or ("6974014") or ("10369886") or ("7963535") or ("20130327556") or ("4921266") or ("20150298707") or ("20020030976") or ("4953058") or ("8876301") or ("6038892") or ("20120262876") or ("8549752") or ("20170293087") or ("6651768") or ("20120223514") or ("20090268411") or ("20160255744") or ("9321494") or ("20140271076") or ("6424537") or ("5813791") or ("7864545") or ("20040216909") or ("6695087") or ("6604600") or ("7817431") or ("7522415") or ("9706678") or ("7457111") or ("20100142910") or ("7461957") or ("8919886") or ("6122167") or ("20090040698") or ("20120193965") or ("4235299") or ("10248171") or ("7463490") or ("8317213") or ("20030151903") or ("20020118525") or ("9139409") or ("7945138") or ("9287724") or ("7301761") or ("20200018106") or ("6178091") or ("9674979") or ("7570487") or ("5338050") or ("6891728") or ("20190059684") or ("20060264151") or ("20050122676") or ("7022916") or ("20020114145") or ("8690593") or ("10088636") or ("20110273860") or ("5167563") or ("9694451") or ("5174539") or ("9141153") or ("6771512") or ("8811005") or ("6878872") or ("4561085") or ("5587879") or ("4047588") or ("9317081") or ("20150070828") or ("20180126546") or ("9457652") or ("20170094828") or ("9783207") or ("20070221797") or ("5684271") or ("5441289") or ("9475319") or ("8896994") or ("3012835") or ("20110038120") or ("9888607") or ("6522556") or ("20070025095") or ("20050122701") or ("6590782") or ("6053692") or ("20110228469") or				

		("20090110360") or ("20160075156") or ("6450837") or ("20170072791") or ("9370120") or ("7751673") or ("20020118524") or ("20100002378") or ("6356075") or ("8727048") or ("20070084648") or ("2741492") or ("7835147") or ("10144280") or ("7639510") or ("20150072606") or ("4475304") or ("7995347") or ("20170074453") or ("5511282") or ("5660428") or ("20080278904") or ("6065676") or ("6288329") or ("20030222550") or ("20170275921") or ("6239979") or ("2752219") or ("6487089") or ("8235412") or ("20090134605") or ("20050236808")).PN. or (("7495931") or ("20120250284") or ("10146272") or ("10154605") or ("20060274225") or ("20160202739") or ("10264944") or ("4361372") or ("20160120093") or ("4888236") or ("20060292966") or ("7258569") or ("20180359876") or ("7453707") or ("5901981") or ("20170246055") or ("20150093089") or ("20140273585") or ("7478889") or ("8050028") or ("20190061834") or ("20090009954") or ("20110304968") or ("3258735") or ("7057900") or ("20080090511") or ("20190084415") or ("20040218368") or ("20010026443") or ("9823690") or ("20120057297") or ("20100220433") or ("20090154129") or ("6299479") or ("7054163") or ("20020053818") or ("4037678") or ("20100266254") or ("9474206") or ("20180050872") or ("8320115") or ("6626490") or ("20030147230") or ("20070138805") or ("6637845") or ("6326562") or ("20180185606") or ("7379302") or ("10159610") or ("5021763") or ("7100898") or ("5310239") or ("8311380") or ("7715210") or ("6379183") or ("10019029") or ("3147402") or ("7990736") or ("7660112") or ("20070247825") or ("20140346762") or ("20110240395") or ("20090046438") or ("20140043751") or ("6771516") or ("8451600") or ("20060236449") or ("20200037457") or ("8961217") or ("20100320803") or ("7255234") or ("20080048958") or ("20160073560") or ("6276041") or ("20020063099") or ("20190083331") or ("20110013359") or ("20100326163") or ("20090045636") or ("20110233894") or ("6636422") or ("20170188701") or ("5934019") or ("7101189") or ("4604910") or ("6930886") or ("8605426") or ("20050162838") or ("20110132641") or ("6891735") or ("2941816") or ("7570486") or ("2228107") or ("20160073501") or ("20180143379") or ("8240485") or ("7758308") or ("5388792") or ("4881843") or ("6402549") or ("20090195035") or ("8351211") or ("9116674") or ("5073353") or ("20120281346") or ("6402565") or				

		("20160357229") or ("8052201") or ("20010048585") or ("20110240394") or ("7453706") or ("20060268501") or ("2077751") or ("5392192") or ("20050122677") or ("9699903") or ("20110193460") or ("20200041362") or ("20040080904") or ("20080212270") or ("9433095") or ("8270183") or ("20160259129") or ("6383031") or ("6483107") or ("6272721") or ("5852546") or ("8359897") or ("20070153482") or ("20150323966") or ("20190090374") or ("8218306") or ("20180055698")).PN. or (("6424538") or ("6667879") or ("5541809") or ("20190294840") or ("20120326813") or ("10295774") or ("20090188100") or ("7367638") or ("7690055") or ("20060139866") or ("20110170257") or ("7121857") or ("9579006") or ("8522911") or ("20140353935") or ("8936275") or ("20060216980") or ("20100073859") or ("20040120123") or ("9720462") or ("20070008684") or ("6244510") or ("20060198098") or ("20040120114") or ("7961465") or ("10070719") or ("5997326") or ("7692918") or ("7940287") or ("20160251058") or ("20050190546") or ("6760229") or ("8553172") or ("7298624") or ("20170334288") or ("9321509") or ("7218526") or ("4063788") or ("7239528") or ("20190105986") or ("9182068") or ("3226130") or ("9829642") or ("4850657") or ("20070082536") or ("20050254772") or ("20060198089") or ("20180147936") or ("20070139902") or ("20090000835") or ("20150166143") or ("7443695") or ("7315449") or ("7110264") or ("6217360") or ("10588238") or ("20200038256") or ("20050039024") or ("6437988") or ("20170006722") or ("20140369793") or ("7701714") or ("6761236") or ("7753161") or ("20090263222") or ("6196658") or ("7214087") or ("20190327859") or ("20190041909") or ("9093234") or ("20030171033") or ("20160057850") or ("9886069") or ("20150059124") or ("20050160592") or ("2893674") or ("9386723") or ("9908406") or ("20030168262") or ("20030011979") or ("20180325218") or ("20190339472") or ("9823508") or ("8517136") or ("10138047") or ("20070177342") or ("20150230353") or ("20120057838") or ("4822316") or ("6708593") or ("20150305447") or ("20190387645") or ("9974200") or ("5387130") or ("7948576") or ("10183576") or ("20160077300") or ("20140104807") or ("6956744") or ("8540475") or ("6666720") or ("20140239782") or ("20050270737") or ("20070076384") or				

		("7400499") or ("20050111187") or ("20160136691") or ("5211459") or ("7280349") or ("20140126125") or ("20090059485") or ("9302692") or ("7245484") or ("6412749") or ("20090101671") or ("20090009943") or ("7639506") or ("6278607") or ("20110242434") or ("10111356") or ("20170239104") or ("5775825") or ("20120219115") or ("20030161108") or ("20030169581") or ("8059932") or ("20090324189") or ("8267210") or ("10368461") or ("20190152548") or ("20160316905") or ("6752663") or ("10324503")).PN. or (("20120170179") or ("20030171016") or ("2658101") or ("20170290190") or ("7545632") or ("8374477") or ("5025906") or ("20190186589") or ("20130048631") or ("20190029139") or ("20120300490") or ("9585284") or ("8102648") or ("20070009345") or ("9211840") or ("20030007335") or ("20130001247") or ("20180328157") or ("6588866") or ("5497292") or ("20060041783") or ("20040048517") or ("6992886") or ("10470943") or ("20160379531") or ("20060274486") or ("9457381") or ("8988846") or ("5764616") or ("20060058077") or ("20020042982") or ("9197050") or ("10028551") or ("8223488") or ("5030865") or ("20190350772") or ("9633583") or ("10321590") or ("8279611") or ("20140059937") or ("20040095718") or ("20170235084") or ("20020027028") or ("20040212967") or ("20070119792") or ("6011699") or ("20020021024") or ("6011701") or ("20170274269") or ("7017258") or ("5691504") or ("20190317294") or ("10526130") or ("20020158556") or ("8261950") or ("9036341") or ("9541726") or ("20160345731") or ("20170135243") or ("20080144293") or ("20040190276") or ("20020189876") or ("7280352") or ("8047383") or ("7271999") or ("20100232749") or ("7079392") or ("20080130219")).PN.				
S653	1,192	(("20190016398") or ("10363978") or ("20190291792") or ("20020196603") or ("20190069442") or ("6665178") or ("20070001565") or ("20020053122") or ("6425706") or ("10345862") or ("20020195908") or ("6570755") or ("5661630") or ("20180372978") or ("10585258") or ("5777821") or ("20100110653") or ("6255583") or ("20170031165") or ("20160261227") or ("8625305") or ("10133312") or ("20190097574") or ("10171027") or ("20140027391") or ("8689486") or ("10139637") or ("20040060918") or ("20180314304") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:20

		("6740851") or ("20190136575") or ("10317955") or ("20190136581") or ("20090017675") or ("20100053855") or ("20120099264") or ("8248315") or ("6893173") or ("7724506") or ("20140111929") or ("6345429") or ("8995115") or ("20160021774") or ("8102648") or ("20160109089") or ("20150131220") or ("9823509") or ("20160259380") or ("9762844") or ("20100277379") or ("8339775") or ("10061361") or ("20040129487") or ("20150370025") or ("20130003280") or ("7213673") or ("20140111928") or ("9829932") or ("20170315321") or ("9648768") or ("20150076982") or ("9269400") or ("3573366") or ("20170315320") or ("9709765") or ("20110274287") or ("8749991") or ("10359593") or ("20200018915") or ("6373690") or ("10126513") or ("8897007") or ("20040096257") or ("20160167559") or ("6443768") or ("20170210269") or ("7708301") or ("6203130") or ("20110032672") or ("20020054360") or ("20080315560") or ("20100309620") or ("20160044802") or ("20060256541") or ("7196828") or ("20110136551") or ("6597584") or ("20150166135") or ("9925904") or ("20190196608") or ("20110136554") or ("5973926") or ("20140049101") or ("20100202623") or ("6183185") or ("7414856") or ("20100188812") or ("20180232016") or ("6477053") or ("7453707") or ("20050180098") or ("20150338887") or ("8777324") or ("20150338883") or ("7559796") or ("20070025095") or ("20130069417") or ("9688178") or ("20080049949") or ("10133314") or ("20110305350") or ("20110222195") or ("20130215398") or ("6661651") or ("20100278498") or ("8120904") or ("20060139868") or ("20160327980") or ("20130129299") or ("7885505") or ("20060152896") or ("20160026027") or ("20140133820") or ("8243402") or ("20120033927") or ("20160109673") or ("20160327986") or ("5666713") or ("20170235071") or ("6741466")).PN. or (("7321487") or ("7200003") or ("10146271") or ("8876301") or ("20130327556") or ("20010001637") or ("6900984") or ("20190049683") or ("20070268661") or ("7545636") or ("9411380") or ("6327148") or ("7463490") or ("10126783") or ("20130215542") or ("8649133") or ("9500893") or ("9784907") or ("20160353593") or ("8340491") or ("20080012456") or ("8811005") or				

		("20070274043") or ("20190278039") or ("6264480") or ("8944449") or ("7258569") or ("20200032649") or ("8494329") or ("20070115587") or ("10228721") or ("20110292616") or ("7182623") or ("6661673") or ("9568700") or ("4396208") or ("20110162157") or ("20190174905") or ("9836080") or ("20020182974") or ("6542383") or ("20190389666") or ("20160018589") or ("8947860") or ("20180335595") or ("7289317") or ("20170003718") or ("4737888") or ("20110019964") or ("20090252015") or ("9891398") or ("20050168932") or ("10310206") or ("20140153143") or ("20060267466") or ("4124267") or ("8316499") or ("6114626") or ("20180226704") or ("20190227250") or ("20040194221") or ("5666239") or ("8087165") or ("20170291658") or ("20130259260") or ("20110255233") or ("20080003889") or ("10490869") or ("20100008051") or ("20180372977") or ("9030789") or ("5551824") or ("20160057850") or ("20140146482") or ("7019967") or ("8018107") or ("8152552") or ("6972949") or ("20140271076") or ("5146815") or ("3727421") or ("20110304972") or ("8498126") or ("5379185") or ("6880202") or ("6058579") or ("5662342") or ("9823508") or ("20070008684") or ("9013881") or ("4985604") or ("5673982") or ("8451598") or ("6295202") or ("20130188327") or ("6087575") or ("20130286577") or ("20190175320") or ("9139409") or ("20160282652") or ("20090045636") or ("20050117292") or ("20070183707") or ("20070165373") or ("20020154474") or ("10499526") or ("6373707") or ("7848102") or ("20080068789") or ("20090186520") or ("20100328556") or ("20110083893") or ("7280349") or ("20180242442") or ("20050094366") or ("10237965") or ("9952635") or ("20190076003") or ("8869338") or ("6109710") or ("20190290269") or ("8854829") or ("8879243") or ("20110068243") or ("20110038120") or ("8411434") or ("20140111926") or ("20170257968") or ("20100065593") or ("4538875") or ("20120106067") or ("4906201") or ("20070246695")).PN. or (("9798177") or ("6166920") or ("20140254169") or ("9132562") or ("6239358") or ("3434099") or ("7054153") or ("3363957") or ("6174126") or ("8105109") or ("20170276893") or ("7457111") or ("9955608") or ("20060268501") or ("8231036") or ("7362926") or ("20090040698") or ("20170273212") or ("7478889") or ("20060120035") or ("8050028") or				

		("20150277513") or ("7896693") or ("20180081139") or ("9538632") or ("8074948") or ("20120057297") or ("4623946") or ("20100142143") or ("7484715") or ("20020101709") or ("20060268509") or ("7262958") or ("20020151226") or ("6178091") or ("5813824") or ("20020118526") or ("20020141148") or ("20140023396") or ("20200003983") or ("20110233894") or ("20170210268") or ("7701714") or ("20080078057") or ("20170068280") or ("6385051") or ("20180364435") or ("7835147") or ("6297948") or ("20140043751") or ("20030067741") or ("20130162915") or ("8182319") or ("8605426") or ("20030151903") or ("7733659") or ("9116674") or ("20190237848") or ("4669028") or ("10261281") or ("20170336596") or ("20060268506") or ("20120250487") or ("9031464") or ("10082634") or ("4644614") or ("20060002098") or ("20160044831") or ("9885851") or ("9971384") or ("20070171648") or ("7367638") or ("20070171658") or ("7301761") or ("20060077104") or ("20110084518") or ("20140026946") or ("6570756") or ("20080204995") or ("20170217388") or ("20170241455") or ("4827378") or ("9127814") or ("10396431") or ("20070002530") or ("20140111914") or ("9211924") or ("5813791") or ("9030839") or ("20110132641") or ("20100205622") or ("9839255") or ("9647157") or ("7600294") or ("20110292609") or ("20060214082") or ("20110299261") or ("7461955") or ("20130340295") or ("8240746") or ("20180094765") or ("5467254") or ("20110292769") or ("6122164") or ("6304436") or ("10150399") or ("20170313231") or ("20110299700") or ("20070171659") or ("7271771") or ("20140023205") or ("20190200836") or ("5292275") or ("20050026493") or ("20060114663") or ("8625292") or ("20100186217") or ("5326115") or ("20120295486") or ("20150323966") or ("6934162") or ("6707686") or ("10054254") or ("20140036460") or ("20110299251") or ("20120326813") or ("20080278904") or ("9720462") or ("9868408") or ("9926956") or ("20070171657") or ("5885130")).PN. or (("20120206873") or ("20110301906") or ("8493739") or ("4721473") or ("9223336") or ("20180226703") or ("6132287") or ("20150156928") or ("8625293") or ("20110299699") or ("20110299698") or ("8035976") or ("6655995") or ("20170275915") or				

		("8488422") or ("20020118525") or ("20140160683") or ("6413103") or ("6452793") or ("8576562") or ("9173332") or ("20120243198") or ("8284559") or ("5167563") or ("8988884") or ("20060103220") or ("6940730") or ("3289044") or ("8599568") or ("8477509") or ("20140016274") or ("20180052236") or ("20080003854") or ("7324348") or ("8593821") or ("9119288") or ("20120250880") or ("20070076384") or ("8570757") or ("7707718") or ("8731862") or ("5660428") or ("6412749") or ("20180226702") or ("20170340834") or ("6122167") or ("7614149") or ("20120244827") or ("9969318") or ("8279611") or ("20180125324") or ("6628516") or ("6357603") or ("20070171660") or ("6056080") or ("8749988") or ("8724335") or ("10024970") or ("6590782") or ("20090146120") or ("7360304") or ("9237683") or ("20070171643") or ("20110242434") or ("8982561") or ("20160362145") or ("20130093966") or ("8077468") or ("8830687") or ("20130279107") or ("20180094764") or ("20080080134") or ("20180185606") or ("8469557") or ("20020089829") or ("20130333941") or ("7377672") or ("20110240395") or ("20120250284") or ("20140001719") or ("6597577") or ("20110013359") or ("7660112") or ("7864545") or ("7810792") or ("20110049824") or ("20040140171") or ("9775261") or ("20150298707") or ("5696753") or ("20180120906") or ("20170151972") or ("7639510") or ("20080253086") or ("8897001") or ("10087009") or ("20110240394") or ("10167990") or ("7391610") or ("20090279267") or ("20090141457") or ("9694451") or ("20070171652") or ("20150366296") or ("9586631") or ("8522911") or ("20130031810") or ("9271430") or ("20130286582") or ("20150375806") or ("7961465") or ("20140208602") or ("20150253160") or ("20180007806") or ("20180222532") or ("20180222024") or ("8896994") or ("7916502") or ("20110242435") or ("20130183000") or ("10376129") or ("5978232") or ("5541809") or ("20080205028") or ("6473309") or ("7133290") or ("7481557") or ("20060203435") or ("10070554") or ("9217501") or ("20130328741") or ("9182068") or ("7654706") or ("7525798")).PN. or (("10502917") or ("20020142636") or ("9783207") or ("20060109618") or ("20070171653") or ("20180231730") or ("20130088820") or ("8567796") or ("8936258") or ("20140126125") or ("7400508") or ("7859858") or ("9289032") or				

		("7433176") or ("6823588") or ("8517136") or ("20170217464") or ("20080074831") or ("5338050") or ("20030007335") or ("20190045714") or ("20040216909") or ("9157720") or ("20190309956") or ("8897002") or ("10086878") or ("20060274225") or ("20190059684") or ("6974014") or ("8988867") or ("9969259") or ("20130134276") or ("20110304974") or ("20160091747") or ("9829655") or ("20160120047") or ("20180071155") or ("7357538") or ("8493727") or ("9632255") or ("20100258425") or ("20110221978") or ("20110187957") or ("20030102641") or ("6878872") or ("10369886") or ("20070216116") or ("20170117608") or ("10347956") or ("20190186589") or ("20060046557") or ("9365251") or ("20190196544") or ("8451600") or ("9223345") or ("6379183") or ("20110157481") or ("6682368") or ("20110262077") or ("20090134605") or ("9321494") or ("10106180") or ("20040009734") or ("4763100") or ("4850657") or ("9917347") or ("20200042051") or ("7379302") or ("6672914") or ("20180087380") or ("9706678") or ("20040190276") or ("20180226701") or ("7240967") or ("20080149805") or ("8760599") or ("9439308") or ("7450373") or ("20080048958") or ("4881843") or ("8263889") or ("20040212967") or ("20160212884") or ("20070115616") or ("20160075156") or ("5457608") or ("10264944") or ("4113337") or ("20040253842") or ("10416710") or ("20120169942") or ("8235412") or ("20090110360") or ("7140903") or ("20160340844") or ("6891728") or ("10306997") or ("20190107678") or ("8605459") or ("7751673") or ("9475319") or ("9596772") or ("20140286610") or ("20170233960") or ("5938050") or ("20190116993") or ("20110304968") or ("20140160653") or ("20060168773") or ("20120051000") or ("8398254") or ("20170293087") or ("7773373") or ("20100296004") or ("5700068") or ("20150289741") or ("6402549") or ("8833832") or ("7057900") or ("7097507") or ("20170150641") or ("6196658") or ("4475304") or ("9739022") or ("5396400") or ("8807805") or ("20140346763") or ("20160048163") or ("7817431") or ("20140183710") or ("6975511") or ("7940287") or ("20180339564")).PN. or (("9465413") or ("20190196543") or ("20120087136") or ("9142492") or ("10405454") or ("8777496") or ("10473864") or ("20090046438") or ("20160050793") or ("20090167811") or				

		("7775642") or ("20100288718") or ("9637877") or ("20070223236") or ("20070070587") or ("10550693") or ("7515413") or ("20180192529") or ("3258735") or ("7095622") or ("20020092201") or ("20040182671") or ("7051855") or ("5950754") or ("20120231319") or ("8351211") or ("20090268411") or ("4772965") or ("20190174906") or ("8967669") or ("20100266254") or ("5721669") or ("20040246693") or ("8627552") or ("20120300490") or ("20020029920") or ("4953058") or ("7726847") or ("8592960") or ("5021763") or ("10088636") or ("7298607") or ("8690593") or ("7107675") or ("20130043703") or ("10228720") or ("6437980") or ("20050018390") or ("20180051562") or ("8311380") or ("20120128450") or ("20050236808") or ("20030000761") or ("10481634") or ("20120208150") or ("20170240215") or ("20180050872") or ("20020189884") or ("20120223514") or ("9426929") or ("20150336710") or ("20030000760") or ("20170346971") or ("20040120106") or ("20020118524") or ("9656386") or ("20160124465") or ("9988102") or ("20140092546") or ("5073353") or ("8702296") or ("5746617") or ("20090097200") or ("20040150947") or ("20100321594") or ("20170246055") or ("10306789") or ("20180281873") or ("20150207209") or ("9579006") or ("9370120") or ("20140369793") or ("20170373409") or ("7158372") or ("6742941") or ("20180134388") or ("20070223239") or ("20050044558") or ("20190052066") or ("20080080149") or ("6270066") or ("20170123455") or ("20190061904") or ("6304442") or ("6943287") or ("9798357") or ("20160085265") or ("20170316375") or ("20150348593") or ("20070223235") or ("20150093089") or ("20140104807") or ("6326562") or ("8655257") or ("20140265376") or ("7620436") or ("20080212270") or ("5462295") or ("20100320803") or ("10349547") or ("20060198089") or ("7022916") or ("8262276") or ("10496137") or ("9590290") or ("20170290471") or ("20170318795") or ("10291001") or ("20190358554") or ("20140077670") or ("10042399") or ("20120105737") or ("20070223234") or ("20150375808") or ("10159610") or ("20020031347") or ("20190269471") or ("9674979") or ("20170074388") or ("20070070594")).PN. or ((("20070009345") or ("6299479") or ("4746134") or				

		("8727048") or ("10329007") or ("5168428") or ("9979102") or ("20190083331") or ("9235237") or ("6695087") or ("7461957") or ("20170334288") or ("9725928") or ("6956746") or ("5310239") or ("20010001559") or ("6008846") or ("20150369994") or ("20160255744") or ("9358359") or ("20080144271") or ("20120026678") or ("7692918") or ("20020075581") or ("6151284") or ("6595311") or ("9280177") or ("7652879") or ("9317081") or ("8714763") or ("10133303") or ("5936647") or ("20150072606") or ("20180039136") or ("5707244") or ("20170313421") or ("20140308828") or ("20110273860") or ("9908406") or ("2439412") or ("10482414") or ("8681505") or ("8988846") or ("20180155029") or ("9957048") or ("8052201") or ("9600035") or ("9946315") or ("20160202739") or ("9287724") or ("6637845") or ("20120281257") or ("20190309957") or ("20180155027") or ("20100326163") or ("20170313422") or ("20180246548") or ("7206199") or ("20160046309") or ("9733423") or ("20030231476") or ("20190145508") or ("20030222550") or ("4456414") or ("5680293") or ("9742942") or ("20150300169") or ("20180051561") or ("6651768") or ("20170290472") or ("4915636") or ("6278607") or ("20180147936") or ("10215270") or ("9566990") or ("20180125329") or ("20100201892") or ("20170146431") or ("6384993") or ("20090263222") or ("2879491") or ("20030129020") or ("9343797") or ("5796593") or ("20040257777") or ("20060238974") or ("20120014077") or ("20190290271") or ("20150070828") or ("20050286242") or ("20060237502") or ("7545632") or ("10401902") or ("20080044630") or ("5441289") or ("20070082536") or ("20130070409") or ("9499216") or ("20170316701") or ("20170139100") or ("6033257") or ("8319901") or ("20070217892") or ("6519101") or ("6111746") or ("9206687") or ("20180155031") or ("20180155028") or ("20170316376") or ("20180155030") or ("8279596") or ("6356075") or ("20110058446") or ("20100097785") or ("20190105986") or ("20050254772") or ("10183576") or ("20110249196") or ("20160355077") or ("5552959") or ("7854460") or ("7901101") or ("20100283908") or ("20070223237") or ("20130329450") or ("7281254") or ("10248171") or ("6065676") or ("20090145696") or ("20090000835") or				

		("8821099") or ("20120293391") or ("10299656")).PN. or (("8634192") or ("20190152548") or ("8359897") or ("6421911") or ("7883099") or ("8947319") or ("9141153") or ("6687134") or ("20040263790") or ("8899905") or ("20100033925") or ("20060041783") or ("9981745") or ("8066321") or ("20180340646") or ("20160044815") or ("20190323651") or ("20170300095") or ("10453022") or ("10493837") or ("20100141846") or ("20200047890") or ("20180155032") or ("20180055698") or ("20120050938") or ("10281765") or ("20120293390") or ("20170316699") or ("20090273901") or ("10337936") or ("20100066916") or ("5497292") or ("7324349") or ("20100002393") or ("7214087") or ("20030201111") or ("20160355111") or ("4561085") or ("20190173067") or ("20170290473") or ("10012785") or ("9643629") or ("20110132855") or ("20190122172") or ("20100283904") or ("7639499") or ("20180242471") or ("2935554") or ("20190090374") or ("10019040") or ("20120212914") or ("9969495") or ("10460281") or ("6604600") or ("8297770") or ("20200018106") or ("20080130219") or ("7887074") or ("20040025449") or ("20110311332") or ("20130062855") or ("9999326") or ("20090101671") or ("20030209355") or ("20070084648") or ("20070221797") or ("7271999") or ("20170150088") or ("20120281958") or ("4235299") or ("9499034") or ("20180119453") or ("2483801") or ("20140347831") or ("8457699") or ("20080007670") or ("20170255235") or ("8616748") or ("8540475") or ("7771218") or ("5738064") or ("5499136") or ("20030037943") or ("20120218725") or ("8761847") or ("20180349840") or ("20100283907") or ("10586201") or ("8118446") or ("7706139") or ("20120293718") or ("10412851") or ("20090036021") or ("20050190546") or ("6362978") or ("20170156306") or ("20080122739") or ("4233643") or ("9450358") or ("6158699") or ("7440277") or ("20140353935") or ("20180104116") or ("20130001247") or ("20150230353") or ("10588238") or ("20150259011") or ("9776481") or ("20100166211") or ("6402565") or ("6309251") or ("8267210") or ("20140226271") or ("20070258227") or ("20200038256") or ("20190344190") or ("20130340989") or ("8634178") or ("10352496") or ("20200000566") or				

		("20090301908") or ("6920721") or ("6621000") or ("10082691") or ("4919566") or ("6339536") or ("20070293085") or ("8480288") or ("20100140203") or ("20160355143") or ("10202192")).PN. or (("7110264") or ("6272009") or ("20190322505") or ("20060238988") or ("9585284") or ("20160372877") or ("7298624") or ("8181774") or ("9658654") or ("2873998") or ("8919795") or ("6483107") or ("20170074453") or ("9737066") or ("5111088") or ("7474523") or ("9578868") or ("7830650") or ("8760886") or ("20190069424") or ("9595798") or ("9928749") or ("20170055357") or ("6858794") or ("7974092") or ("6056210") or ("8934226") or ("7465189") or ("8261950") or ("9588550") or ("20030171033") or ("20120262631") or ("5268882") or ("7967335") or ("20110187941") or ("20180164498") or ("20170239104") or ("10106010") or ("6104023") or ("20140364691") or ("6256208") or ("6383031") or ("20180126546") or ("20140375181") or ("8837128") or ("20180065440") or ("20180070469") or ("8919886") or ("9139237") or ("10470943") or ("20140232942") or ("20040190275") or ("8045339") or ("9823690") or ("20030161108") or ("20080259716") or ("20100002366") or ("20080111327") or ("20070189110") or ("20060087126") or ("10051758") or ("20130346771") or ("20080281157") or ("20080062642") or ("5295555") or ("20170120963") or ("8264856") or ("20090009943") or ("20030171016") or ("20040150948") or ("9433119") or ("9917033") or ("9302692") or ("6752663") or ("7954968") or ("20140346762") or ("20170007384") or ("10146272") or ("20180309239") or ("20160136691") or ("2980753") or ("5642043") or ("6388873") or ("6361096") or ("8233762") or ("6760229") or ("20190093716") or ("20120193965") or ("20120307448") or ("20100165594") or ("20090316371") or ("6929133") or ("20130048631") or ("20100328905") or ("8287173") or ("20040257491") or ("20150210319") or ("7100898") or ("9585262") or ("20190131741") or ("8503851") or ("20190003982") or ("8746510") or ("20130061984") or ("20140306586") or ("20150060158") or ("6906918") or ("20190161190") or ("5030865") or ("20160218416") or ("20020062566") or ("7580260") or ("20150059124") or ("6777619") or ("6816376") or ("20020199048") or ("20160355142") or ("20130346778") or ("7280352") or ("20140265370") or				

		("20070159915") or ("9483072") or ("8702263") or ("20080068795") or ("20180228557") or ("6966653")).PN.				
S654	6	("20030006682" | "20070070612" | "20120114272" | "20170251560" | "5571256" | "6183053").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:21
S655	16	("5397176" | "5547272" | "5604662" | "5647649" | "5940274" | "D394431" | "D419148" | "D419983").PN. OR ("6183053").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:23
S656	178	("2789024" | "2880379" | "4473262" | "4482066" | "4509810" | "4979909" | "5165770" | "5250752").PN. OR ("5571256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:23
S657	193	S655 S656	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:24
S658	39	S657 AND LEVEL$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:24
S659	27	S658 and chassis$2	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:25
S660	0	G06F1/1637,1635,1656	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:55
S661	12,458	G06F1/1637,1635,1656.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:57
S662	115	((("REDDY") near3 ("ANAND")) OR (("PRAKASH") near3 ("GURU")) OR (("JAGADISH") near3 ("HARISH")) OR (("SUNDARAM") near3 ("ARVIND"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/16 12:58
S663	431	(("20170255233") or ("9141329") or ("6571273") or ("5659788") or ("8200796") or ("20120098841") or ("20110252355") or ("5977995") or ("9285795") or ("9244451") or ("20070211079") or ("20170264670") or ("10305967") or ("7971151") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 12:59

		("20080201644") or ("6956545") or ("20030067437") or ("20130335349") or ("9363571") or ("8375115") or ("20170060353") or ("20070150924") or ("20180332356") or ("9024878") or ("20110072506") or ("20060055664") or ("20130076594") or ("20090040077") or ("20080282117") or ("10168867") or ("9130980") or ("20100318709") or ("20050185364") or ("20130321570") or ("20110228701") or ("20130080909") or ("20030067419") or ("9516391") or ("10417013") or ("20160284121") or ("10284816") or ("20090323568") or ("9405459") or ("20060153226") or ("20130080143") or ("9743357") or ("20050105129") or ("8264711") or ("7817589") or ("20150356045") or ("6057862") or ("20080291210") or ("8270325") or ("7471623") or ("20120319927") or ("5812394") or ("20140282934") or ("20130076593") or ("8144160") or ("6018769") or ("20140379721") or ("20190373320") or ("9665525") or ("20140040769") or ("20100083122") or ("20030067418") or ("20130080899") or ("9747003") or ("6956541") or ("20100060572") or ("20140059196") or ("9678624") or ("5687315") or ("20020044132") or ("20100064228") or ("10212484") or ("20160283046") or ("20150293746") or ("6901455") or ("20030005186") or ("5821614") or ("20140040768") or ("20110193780") or ("20100060549") or ("9218432") or ("20020194468") or ("20130080942") or ("20130080940") or ("20190121682") or ("10394703") or ("20140254075") or ("20030069891") or ("20080218531") or ("20130326399") or ("20180203682") or ("20080007568") or ("8736675") or ("10409438") or ("20130104051") or ("20130076592") or ("9213516") or ("20160174027") or ("20080090220") or ("20190057671") or ("20190043411") or ("20180107358") or ("7091933") or ("10356499") or ("20130080941") or ("20160103648") or ("9665333") or ("20160132279") or ("10417991") or ("20130104062") or ("5625829") or ("20130231782") or ("20130080943") or ("9715252") or ("20130111371") or ("20170083125") or ("20170322892") or ("20130033718") or ("6337678") or ("20030097478") or ("20140067957") or ("20170083124") or ("8990712") or ("20190306600")).PN. or (("20130080944") or ("20100138583") or ("10521216") or ("8844050") or				

		("8879078") or ("20060253549") or ("7054963") or ("20140040756") or ("20080211780") or ("20160110076") or ("20160124698") or ("9680885") or ("9665178") or ("20200074585") or ("20030231168") or ("10440456") or ("20200042269") or ("8255606") or ("9986374") or ("20180270606") or ("8990713") or ("20060288139") or ("20030204597") or ("20130154811") or ("20200019844") or ("10558414") or ("10372632") or ("20180308204") or ("5504905") or ("7469289") or ("20130332535") or ("20110213814") or ("20170347171") or ("8554808") or ("7222172") or ("20170344064") or ("20180225230") or ("20180293778") or ("7155513") or ("20190087359") or ("20180314250") or ("20140341533") or ("20090193345") or ("9414125") or ("20150188795") or ("20140107471") or ("9703468") or ("20020067338") or ("6819312") or ("20190090959") or ("10078399") or ("20140277922") or ("5995120") or ("10185670") or ("10528234") or ("20130076664") or ("9820008") or ("20130080934") or ("20030014618") or ("20170169537") or ("10031625") or ("20160026367") or ("5961617") or ("20180300964") or ("9318143") or ("20040049624") or ("20190318550") or ("20180178118") or ("20180193757") or ("20130070610") or ("10410115") or ("20170347172") or ("9529494") or ("10475148") or ("8316308") or ("20170281280") or ("20160028875") or ("20100260157") or ("20070109984") or ("9990002") or ("20190332077") or ("20130157729") or ("20160026352") or ("6202212") or ("9498231") or ("6218602") or ("20130214996") or ("10332320") or ("20130080939") or ("10118102") or ("7535861") or ("20140098103") or ("5838334") or ("20190068974") or ("10080617") or ("20130080933") or ("9158796") or ("9202319") or ("20050195575") or ("20160054988") or ("8558839") or ("20120110496") or ("9501378") or ("7227511") or ("6108014") or ("20130322846") or ("8965847") or ("5903457") or ("20140365898") or ("10509466") or ("20040186935") or ("20130201316") or ("20130080936") or ("6980947") or ("9342908") or ("20180199114") or ("20120216209") or ("20130076665") or ("9800711") or ("20050044529") or ("20160022374") or ("20190188141") or ("7680546") or ("20150163106") or ("10559277") or ("10338904") or ("20150351529") or ("20100223619") or ("7146446") or				

		("8780125")).PN. or (("9235845") or ("7505889") or ("8872727") or ("8654749") or ("20170235477") or ("9003311") or ("20130080969") or ("20160077842") or ("20060107229") or ("20130250038") or ("20160054757") or ("20060228654") or ("20180317826") or ("20100085417") or ("20160034116") or ("10402076") or ("9122441") or ("7054965") or ("20150154181") or ("5446898") or ("20160195899") or ("20160196007") or ("8826293") or ("9268518") or ("20080307315") or ("20090070777") or ("10223130") or ("20140285959") or ("20180167281") or ("20160227923") or ("9571358") or ("8441516") or ("10105149") or ("20070183436") or ("9007424") or ("20090066650") or ("20050010810") or ("8766993") or ("20090172185") or ("20070132779") or ("20160148396") or ("20160117139") or ("8214842") or ("20110050542") or ("9282814") or ("20130076780") or ("20170322820") or ("9740365") or ("20140065847") or ("20130290233") or ("20180376333") or ("20100172081") or ("9710148") or ("20170318352") or ("20170235928") or ("8185219") or ("20200026397") or ("20130312085") or ("20080320500") or ("20130080935") or ("20180307899") or ("9769534") or ("9686145") or ("20100188410") or ("20140066128") or ("10350491") or ("7599889") or ("20190095703") or ("20130080938") or ("20130138941") or ("20120182304") or ("20070074284") or ("20130036366") or ("20140240085") or ("20200004710") or ("8674944") or ("20110075337") or ("20100268792") or ("9692824") or ("9069518") or ("7120510") or ("10588016") or ("8144150") or ("6832320") or ("8972592") or ("RE42064") or ("9804862") or ("6873333") or ("10191618") or ("9750341") or ("20160041704") or ("7269543") or ("9130651") or ("20190066257") or ("20190325763") or ("8953308") or ("20150043141") or ("9038165") or ("10496697") or ("20190056837") or ("9848247") or ("20110037772") or ("8407367") or ("9131088") or ("20190290297") or ("10108850") or ("20190325638") or ("9576409") or ("20050152288") or ("8416568") or ("8200898") or ("20080307238") or ("20150199858") or ("20170187835") or ("20160165000") or ("20080039009") or ("7751860") or ("20120034954") or ("20140285502") or ("20130332641") or ("20140359188") or				

		("20060129721") or ("20130219162") or ("20160345045") or ("8798675") or ("20110271195") or ("8194087") or ("20160117318") or ("20200065045")).PN. or (("20170222359") or ("20040054689") or ("6188939") or ("20030191623") or ("20120299485") or ("20190205275") or ("20130080759") or ("20080079740") or ("8749959") or ("9761068") or ("20160379592") or ("8910061") or ("20100302141") or ("9064356") or ("20150346769") or ("6853404") or ("20180104591") or ("9006996") or ("20180304151") or ("8935373") or ("20050146529") or ("20080247128") or ("10525341") or ("20190171342") or ("20170076269") or ("20180314531") or ("20190057061") or ("20180108190") or ("9276742") or ("10372161") or ("20090249099") or ("20180184175") or ("20180301095") or ("20010035880") or ("8811008") or ("20130315038") or ("20130093645") or ("20020171652") or ("20150346775") or ("8812635") or ("20110022747") or ("20160117176") or ("20190058242") or ("20140063717")).PN.				
S664	1,224	(("20170255233") or ("20060153226") or ("7471623") or ("20140059196") or ("10394703") or ("9141329") or ("20050195575") or ("10402207") or ("20170364375") or ("7146446") or ("20160022374") or ("20130335907") or ("20120151098") or ("20140040769") or ("9747003") or ("20140107471") or ("10105149") or ("20190090959") or ("20140040768") or ("20190290297") or ("20150257297") or ("20190335600") or ("9498231") or ("8976513") or ("20130271905") or ("20070258205") or ("20110102991") or ("10080617") or ("20170281280") or ("10285293") or ("20020024452") or ("9665178") or ("20040136167") or ("20190340313") or ("9509674") or ("20140040756") or ("7733635") or ("6973517") or ("20080244149") or ("20180314531") or ("20090157939") or ("7242574") or ("20160077841") or ("20180074830") or ("20110304972") or ("10261803") or ("20190258251") or ("20050246469") or ("20140355206") or ("8897760") or ("7376779") or ("8868036") or ("9836309") or ("20150358790") or ("20190056982") or ("10394643") or ("10368241") or ("6571273") or ("20130308266") or ("6389499") or ("7676624") or ("20120106067") or ("5977995")	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:00

		or ("20160021779") or ("8451598") or ("20130286577") or ("20150095158") or ("20100174844") or ("20130024596") or ("20160044831") or ("8311513") or ("20170068548") or ("10467015") or ("7818487") or ("20150026373") or ("8200796") or ("20110208893") or ("9326418") or ("20050286213") or ("8756359") or ("9703750") or ("8626977") or ("20130198430") or ("8411434") or ("20120098841") or ("8977797") or ("20110304968") or ("20130097352") or ("20190026126") or ("20200061811") or ("8234436") or ("9529768") or ("9132562") or ("20140195713") or ("20120173732") or ("20090094594") or ("10459742") or ("10586389") or ("8041873") or ("10135874") or ("9513615") or ("20060203460") or ("20180203682") or ("5526493") or ("10587655") or ("20110304974") or ("20080146265") or ("20130264919") or ("20180293081") or ("20170083457") or ("20160364243") or ("20160026163") or ("20050071534") or ("5659788") or ("20170235928") or ("9612846") or ("8493727") or ("9734093") or ("7099981") or ("20110228701") or ("8571598") or ("9529769") or ("6542997") or ("10013260") or ("20060055664") or ("20180367177") or ("10417013") or ("6295567") or ("7817589") or ("10521216")).PN. or (("20090040077") or ("20090323568") or ("20030011976") or ("20180246837") or ("8739035") or ("20140304004") or ("5748442") or ("20170090896") or ("9684527") or ("20160179744") or ("20100318709") or ("10348346") or ("20080092043") or ("20040177200") or ("10338934") or ("20180241632") or ("20160248852") or ("20190043201") or ("10031736") or ("10579575") or ("20050010810") or ("20050185364") or ("20150185772") or ("6873333") or ("7023845") or ("7599889") or ("20130332535") or ("20040162893") or ("20160019053") or ("6970348") or ("8270325") or ("6324062") or ("6832320") or ("9820008") or ("20180348820") or ("20160118121") or ("7586908") or ("10101769") or ("20140304695") or ("9772652") or ("20160195856") or ("8601053") or ("20130111095") or ("9148465") or ("9891984") or ("20100083122") or ("10147039") or ("20140304718") or ("8675671") or ("6404626") or ("20200026328") or ("8375115") or ("10425287") or ("6681282") or ("5812394") or ("8184624") or ("9516391") or ("9721660") or ("20180314304") or ("20150254199") or ("9961788") or ("10423427") or				

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		("9235845") or ("20130003280") or ("20110301906") or ("20110292616") or ("20130145482") or ("20140244886") or ("20160239460") or ("7535861") or ("20030219029") or ("20110292609") or ("20140160683") or ("20160259380") or ("20140016274") or ("20180242054") or ("20110292769") or ("20020067338") or ("20020001302") or ("9823937") or ("8255606") or ("20160192037") or ("20110299261") or ("20110038365") or ("7256991") or ("20160283046") or ("20110299698") or ("9318143") or ("20110299699") or ("20140341533") or ("20100186217") or ("20100205622") or ("20160103980") or ("20130154298") or ("20130080143") or ("9692824") or ("20050285864") or ("20040001479") or ("10409438") or ("7054963") or ("10417007") or ("20160092042") or ("20110299251") or ("20150351529") or ("20100260157") or ("10061361") or ("6654903") or ("20070109984") or ("20130259260") or ("8654749") or ("20120243198") or ("9218432") or ("20070002011") or ("20170093643") or ("6154465") or ("20150156928") or ("20160174027") or ("20130204466") or ("20140285959") or ("20080117588") or ("8731862") or ("20140146482") or ("20130198737") or ("20140240914") or ("20140219132") or ("6498791") or ("20040150959") or ("5590021") or ("7082028") or ("20080211780") or ("8593821") or ("20140036460") or ("7181401")).PN. or (("20120250880") or ("8947860") or ("20120244827") or ("8035976") or ("20080201644") or ("8493739") or ("20130104062") or ("20180332356") or ("20200019844") or ("9237683") or ("20030231168") or ("6760339") or ("6006243") or ("20130076593") or ("8625292") or ("9261922") or ("20130080942") or ("7227511") or ("8411093") or ("8498126") or ("20110075337") or ("7664110") or ("8599568") or ("20140244881") or ("20140365898") or ("10020995") or ("8087165") or ("9980017") or ("8988884") or ("7225240") or ("6601186") or ("8982561") or ("8724335") or ("20190213091") or ("7561571") or ("20160227923") or ("8625293") or ("20170192928") or ("9282814") or ("6256732") or ("8369317") or ("9119288") or ("20110072506") or ("9013881") or ("20190034716") or ("8284559") or ("20040001501") or ("20130104051") or ("10235323") or ("20190344663") or				

		("20160132279") or ("8570757") or ("20110200034") or ("20120216209") or ("8953308") or ("20180314250") or ("7706359") or ("20140239718") or ("6742134") or ("20160006619") or ("8477509") or ("20150277856") or ("7646755") or ("8749988") or ("20110305350") or ("9024878") or ("20050285863") or ("20130111371") or ("9130980") or ("9507566") or ("20160092076") or ("9213516") or ("20130080940") or ("20100223619") or ("5926364") or ("9256565") or ("20140240909") or ("20150006035") or ("8844050") or ("20160110076") or ("20020039286") or ("10410115") or ("9285795") or ("5995120") or ("20080005222") or ("20110252355") or ("6271604") or ("20130191765") or ("20190222484") or ("20140350907") or ("20190205745") or ("9116786") or ("8830687") or ("20080291210") or ("6067226") or ("8826293") or ("7433987") or ("20050278468") or ("20140049101") or ("8749959") or ("6057862") or ("20180270606") or ("10310568") or ("20190294578") or ("7465170") or ("6202212") or ("20130107872") or ("20180293778") or ("20160103648") or ("20190272176") or ("9665333") or ("20170118851") or ("6763226") or ("8214842") or ("10558414") or ("20190033948") or ("6049973") or ("9872413") or ("20180067523") or ("20190121682") or ("20100188834") or ("9750341") or ("20160114745") or ("8949823") or ("20190043411") or ("9244451") or ("9986374") or ("20150186094") or ("9740365") or ("9749189") or ("20150084742") or ("6930890") or ("9134986") or ("10212484")).PN. or (("20160211632") or ("20110091051") or ("20140281224") or ("20100064228") or ("7869424") or ("20190171606") or ("20040186935") or ("20100202623") or ("5446898") or ("20130114234") or ("9715252") or ("20150293746") or ("6108014") or ("8990712") or ("9268730") or ("6411522") or ("20190095374") or ("20130076592") or ("8446417") or ("20060117124") or ("20130080941") or ("9456531") or ("20100060572") or ("8868790") or ("9008906") or ("20070150719") or ("7054965") or ("20140143839") or ("8144160") or ("20080049949") or ("5905900") or ("10168862") or ("8375575") or ("7733659") or ("20130218412") or ("9141278") or ("20160209887") or ("8301749") or ("5577205") or ("10354016") or ("10338653") or ("9417834") or ("20160148396") or ("9153125") or ("20050182882") or ("9147342") or ("6366454") or				

		("20130080943") or ("20030043182") or ("20050285865") or ("20130231782") or ("7363415") or ("20100060549") or ("20130204484") or ("5504905") or ("5838334") or ("20130198802") or ("7356774") or ("20070283070") or ("20130187957") or ("9785600") or ("20120243170") or ("20090259327") or ("9678544") or ("7860097") or ("20040034498") or ("20020091966") or ("9335786") or ("8990713") or ("20190141851") or ("10417991") or ("9285952") or ("20050071626") or ("20160314002") or ("9043073") or ("5673170") or ("8145785") or ("20190057671") or ("5865518") or ("8713295") or ("8553907") or ("20070211079") or ("20130117766") or ("9703468") or ("20130117426") or ("5961617") or ("7624259") or ("5812930") or ("8941668") or ("10127032") or ("8443066") or ("20160077842") or ("20040001579") or ("20140247197") or ("20180032464") or ("20140013271") or ("20160350254") or ("20130326399") or ("20130080944") or ("5821614") or ("20070074174") or ("20080307238") or ("9411525") or ("20180367408") or ("20130203400") or ("8743549") or ("7971151") or ("20170131991") or ("6643798") or ("9779557") or ("20130200991") or ("20070071257") or ("5903457") or ("20170031644") or ("20160124698") or ("20170228228") or ("20170205849") or ("6636929") or ("20170053460") or ("20130205412") or ("9344237") or ("20190361491") or ("7676803") or ("6094720") or ("20150048641") or ("8558839") or ("20130343589") or ("7860961") or ("10223130") or ("20140115137") or ("20180247467") or ("20120200518")).PN. or (("20200042269") or ("20130205026") or ("9829930") or ("20060067037") or ("20130163195") or ("20180307271") or ("20070142022") or ("9563439") or ("20070169081") or ("20130154811") or ("20200042277") or ("5481709") or ("20190188141") or ("20180341497") or ("8710955") or ("20100008488") or ("20130016032") or ("20050204083") or ("7006614") or ("7953903") or ("20030005186") or ("20120146763") or ("20180089870") or ("20160234095") or ("10198390") or ("20060041783") or ("9927902") or ("20110298342") or ("20190317555") or ("9927835") or ("20170091683") or ("8766993") or ("10581688") or ("8443179") or ("20150188961") or ("9414125") or ("20180107358") or ("20080007568") or ("6218602") or				

		("20190386887") or ("20080065503") or ("10254793") or ("20100010653") or ("20080130219") or ("20070255857") or ("20190068974") or ("20080218531") or ("8127125") or ("20180150302") or ("20190012088") or ("6847523") or ("6640239") or ("20110090633") or ("20140098103") or ("5768097") or ("20190041824") or ("9563229") or ("20050265004") or ("6901455") or ("10050901") or ("8644481") or ("20040034497") or ("7216221") or ("20130134730") or ("5570270") or ("10289154") or ("20090172185") or ("8245027") or ("9342908") or ("20140327630") or ("20090244832") or ("20170250525") or ("20130141854") or ("20080126627") or ("7890677") or ("6098171") or ("6343074") or ("20090244012") or ("20160196745") or ("20030067437") or ("6956545") or ("20170262395") or ("7035095") or ("20160185222") or ("7761802") or ("8479146") or ("20110193780") or ("20110080519") or ("8842156") or ("20140229644") or ("10319128") or ("9529494") or ("9088572") or ("8166287") or ("10572151") or ("20130227648") or ("20090327871") or ("9678624") or ("20190035340") or ("20170075699") or ("9338170") or ("20140254075") or ("8218538") or ("7352565") or ("20020149708") or ("20100128431") or ("8984202") or ("7271999") or ("10268628") or ("8484398") or ("20150304233") or ("5298919") or ("5761033") or ("8407367") or ("20190205115") or ("20070183436") or ("6583989") or ("20030016491") or ("20140277922") or ("20060164814") or ("7529097") or ("20150207887") or ("6853404") or ("20170187695") or ("6359779") or ("20170277545") or ("20050047079") or ("20130204943") or ("20060107229") or ("7269543")).PN. or (("9979627") or ("5495611") or ("6452794") or ("20050044529") or ("7280166") or ("20170325361") or ("7363416") or ("8624844") or ("20110296404") or ("20130076664") or ("20090178986") or ("20180203437") or ("8497908") or ("20180199114") or ("20130080934") or ("20050002157") or ("6021493") or ("20060146057") or ("9824137") or ("20060228654") or ("20170142061") or ("20040015597") or ("8732328") or ("20130151646") or ("20130117658") or ("20190243657") or ("20160070527") or ("10057221") or ("6456486") or ("9652253") or ("10496697") or ("8917513") or ("10530743") or ("20070025095") or ("20080082219") or ("10027534") or ("10310575") or ("20200074585")				

		or ("20120110588") or ("6208658") or ("20160098034") or ("20180117446") or ("7908493") or ("20160006620") or ("10146550") or ("7734858") or ("20130204493") or ("10284816") or ("9968009") or ("20180059752") or ("8723891") or ("20130080933") or ("20190303759") or ("9122441") or ("20190095703") or ("20180307899") or ("20040064226") or ("20130111478") or ("8743872") or ("20180308204") or ("6011546") or ("8289688") or ("10046228") or ("20180314441") or ("20180117447") or ("6282642") or ("7911785") or ("20190325638") or ("20070230101") or ("20160054988") or ("20190116690") or ("7099152") or ("20130265328") or ("20130246673") or ("8872727") or ("20080218655") or ("8736675") or ("20190317568") or ("20160284121") or ("10108850") or ("20190361917") or ("20150102101") or ("9769534") or ("20190358515") or ("7990994") or ("8984191") or ("7453707") or ("9081613") or ("9202319") or ("20130080939") or ("20140181539") or ("20030097661") or ("20040015551") or ("10022613") or ("20190340092") or ("7843906") or ("20140090051") or ("20110133620") or ("20050286235") or ("20030063059") or ("9081653") or ("20130214996") or ("9542085") or ("20120020016") or ("20180326291") or ("9173100") or ("10338904") or ("20050055690") or ("20180322387") or ("20130227485") or ("9736546") or ("20150188763") or ("9086918") or ("9003311") or ("6263440") or ("7193845") or ("10195513") or ("20160073521") or ("20190042378") or ("20130227445") or ("20030206398") or ("20130290233") or ("20090086441") or ("20180357108") or ("10261709") or ("20030067419") or ("20170161471") or ("20180264347") or ("9545029") or ("9589116")).PN. or (("20130159582") or ("20020111194") or ("9875773") or ("20070103857") or ("9680712") or ("20040107420") or ("20170156233") or ("20130076665") or ("20060129721") or ("20140146459") or ("20130080969") or ("10475148") or ("20140280809") or ("7843907") or ("20020174264") or ("20130080936") or ("8924033") or ("7076325") or ("5023790") or ("7656386") or ("8274518") or ("20190340136") or ("6694450") or ("7757033") or ("20190179329") or ("9325577") or ("20190317566") or ("5854736") or ("20100172077") or ("5287519") or ("20050270751") or ("20190325763") or				

		("20110199226") or ("9055022") or ("9268518") or ("20030014618") or ("7019967") or ("20090006685") or ("20160179553") or ("8854822") or ("10177986") or ("6272007") or ("10338639") or ("20070208892") or ("20020199048") or ("20120134523") or ("7325033") or ("20110022747") or ("8432689") or ("20040049624") or ("20160054757") or ("7103434") or ("20130080935") or ("20080270633") or ("10532268") or ("20180359876") or ("8612548") or ("20040255269") or ("20010048585") or ("20160196007") or ("7460375") or ("20020161895") or ("20150304423") or ("20190066257") or ("8769159") or ("6279049") or ("10521273") or ("20030112591") or ("20030011579") or ("9455883") or ("20020154474") or ("5606594") or ("20060149856") or ("20080288685") or ("20070109739") or ("20040246677") or ("9591775") or ("20150356034") or ("8694694") or ("20160117318") or ("20050071695") or ("20050117292") or ("5625829") or ("20050080502") or ("6928464") or ("20130117621") or ("20060158446") or ("9872415") or ("20020126443") or ("9981389") or ("20080040463") or ("6906914") or ("20190235592") or ("7039046") or ("20180322386") or ("20160117139") or ("20140294215") or ("20140347831") or ("20150163169") or ("20170078472") or ("8919848") or ("6906918") or ("20100166211") or ("20130222244") or ("8019883") or ("8416567") or ("5530892") or ("8554808") or ("5964847") or ("20060095595") or ("7663633") or ("8145824") or ("20060252466") or ("7624375") or ("20120110154") or ("20080126542") or ("6385739") or ("20190121889") or ("20120169593") or ("20120218725") or ("7155624") or ("20130058038") or ("7434220") or ("6580602") or ("6539486") or ("8031291") or ("9781484") or ("20120110086") or ("20190387285") or ("7408784")).PN. or (("20120212914") or ("10212485") or ("20130282238") or ("20070165373") or ("6900984") or ("9645954") or ("10146271") or ("8929024") or ("20190392148") or ("6128185") or ("8848727") or ("10558453") or ("7626815") or ("20180308212") or ("7633955") or ("5878276") or ("5465357") or ("7657665") or ("20130315038") or ("20180184175") or ("20200045111") or ("20170068989") or ("20110282508") or ("9092798") or ("20150052452") or				

		("20140029198") or ("20190130734") or ("9935631") or ("20170110157") or ("10467388") or ("20180103300") or ("20110213814") or ("7924570") or ("7034814") or ("9178835") or ("20110161877") or ("7898817") or ("10154605") or ("20150227177") or ("20130103880") or ("20140298091") or ("20150116861") or ("8966020") or ("7647431") or ("20070074284") or ("8270652") or ("7692928") or ("20160165000") or ("20040034496") or ("20170083124") or ("8458390") or ("20180314249") or ("8917512") or ("6532152") or ("20130329450") or ("10263839") or ("20170169537") or ("20160196147") or ("20120110155") or ("20160008988") or ("8984109") or ("20020012232") or ("20170083125") or ("20160098920") or ("10497084") or ("7236370") or ("20090231232") or ("20140077670") or ("20120215921") or ("20130154810") or ("6354861") or ("20190057061") or ("6518965") or ("8910061") or ("6708291") or ("20190215670") or ("20130080643") or ("5786984") or ("6654235") or ("8972592") or ("20040085718") or ("6108199") or ("7936348") or ("20120275631") or ("20090040698") or ("7747999") or ("20160028875") or ("8616748") or ("8040902") or ("7606241") or ("9276742") or ("20080288618") or ("9280177") or ("20020158865") or ("8760886") or ("20200074318") or ("20180315061") or ("10289222") or ("9600295") or ("6968464") or ("8979159") or ("9535615") or ("20130111037") or ("20200082262") or ("20180260043") or ("20020059639") or ("6052281") or ("20060120035") or ("6980947") or ("9069518") or ("8370831") or ("20050191870") or ("20070204095") or ("8908326") or ("20190310722") or ("20130295834") or ("20020029101") or ("9253016") or ("20110102348") or ("20150271040") or ("20180308203") or ("9288050") or ("8438473") or ("6594150") or ("20180317067") or ("10031625") or ("8904380") or ("20190243660") or ("5539478") or ("20040104927") or ("20130219039") or ("20170076575")).PN. or (("20080090220") or ("20030067418") or ("7457111") or ("10171967") or ("20130076780") or ("20100313150") or ("6336828") or ("10078399") or ("20190052521") or ("10360214") or ("20030028344") or ("9916476") or ("7418525") or ("7284149") or ("20020099873") or ("20080140886") or ("6208509") or ("20130080938") or ("20020078459") or ("5771176") or ("6956541") or ("5196993") or ("8984115") or ("20140285502") or				

		("20170091790") or ("8316308") or ("20100128432") or ("20070027981") or ("20030172003") or ("20130201316") or ("9237685") or ("20160041704") or ("7496888") or ("20130308265") or ("20190318550") or ("8264856") or ("6275382") or ("20030131227") or ("20170318352") or ("20190310816") or ("10528234") or ("20160026352") or ("20130332641") or ("20140359188") or ("5973916") or ("20140250267")).PN.				
S665	1,286	(("10015582") or ("7112023") or ("20160378071") or ("20160378070") or ("20160378069") or ("20160058375") or ("10536768") or ("20170118551") or ("20180042554") or ("20170209095") or ("9736283") or ("20190145820") or ("20150072727") or ("20180302709") or ("10362813") or ("20160135742") or ("10133314") or ("10429020") or ("20190264877") or ("20180135819") or ("20150338887") or ("10415765") or ("20160327986") or ("20150338883") or ("20200011497") or ("20160327980") or ("10584839") or ("20160135743") or ("20170095011") or ("10194702") or ("10126783") or ("9411380") or ("20170035170") or ("20170003718") or ("20150201723") or ("10548380") or ("20160136882") or ("9521868") or ("10228721") or ("20190384354") or ("20150212396") or ("20180306966") or ("10139859") or ("10514489") or ("9547220") or ("20060176418") or ("20140267894") or ("20180306972") or ("20190204865") or ("20180306970") or ("10353142") or ("20170150895") or ("20050024729") or ("9578903") or ("20160135695") or ("10334893") or ("9030606") or ("10466411") or ("20180306971") or ("20200033528") or ("20180306395") or ("20200026327") or ("5898503") or ("20160135696") or ("20190231001") or ("20070291475") or ("7543946") or ("7458698") or ("9317243") or ("20140152890") or ("20190090806") or ("9030832") or ("10496131") or ("20070291488") or ("20150220109") or ("9469469") or ("20130294020") or ("8481982") or ("8548541") or ("20110037002") or ("20130083558") or ("20190086951") or ("9615476") or ("7410269") or ("20180263362") or ("20160246326") or ("10271587") or ("20140217862") or ("9582034") or ("20170235332") or ("20130088828") or ("20130053098") or ("20170235933") or ("10126779") or ("9958904") or ("10331168") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:04

		("7878403") or ("20170235333") or ("8915361") or ("20130050677") or ("20160135516") or ("20120144882") or ("20180321331") or ("20180059298") or ("20170235334") or ("10240408") or ("20130198935") or ("20160209025") or ("20190211635") or ("10156867") or ("8487256") or ("10401007") or ("8752406") or ("8611095") or ("20190383477") or ("10459135") or ("20180328124") or ("20180160509") or ("9526292") or ("20170115164") or ("20130053106") or ("10013861") or ("20160198824") or ("9927301") or ("6082185") or ("20040057490") or ("20190234603") or ("20030034394")).PN. or (("20180237214") or ("20180012468") or ("20170124830") or ("9697713") or ("10551047") or ("10005611") or ("9600989") or ("10294016") or ("20070040034") or ("20150070181") or ("20090236424") or ("9289175") or ("20060028442") or ("20030062413") or ("20160061726") or ("20180092601") or ("20030218469") or ("20180364162") or ("10260722") or ("20010033487") or ("20160209001") or ("20200034602") or ("6832725") or ("10078052") or ("9618827") or ("20190281261") or ("20160047537") or ("10247670") or ("6891879") or ("20160209728") or ("20030019934") or ("20120165682") or ("9076054") or ("7533824") or ("20130176626") or ("9310060") or ("20130131519") or ("20160186972") or ("20110121076") or ("20110128220") or ("20130292477") or ("8834365") or ("20140077954") or ("20030089776") or ("8929965") or ("20180228435") or ("20150119657") or ("20130062534") or ("8788002") or ("6467928") or ("20050146517") or ("20140249381") or ("20070108284") or ("20180020979") or ("7967205") or ("20150080741") or ("20190163953") or ("20180192950") or ("7348969") or ("9886059") or ("20150137978") or ("20030029917") or ("20130088130") or ("20120229882") or ("20140016217") or ("9056584") or ("10345672") or ("20150122854") or ("20170261830") or ("9955919") or ("20190099130") or ("20170068143") or ("10195299") or ("20190166913") or ("20170188911") or ("10191348") or ("9262900") or ("8526180") or ("20170188912") or ("20180206607") or ("20170090512") or ("20190063696") or ("20200025879") or ("20050205657") or ("20140361147") or ("10060788") or ("6393224") or ("4314760") or				

		("20160066459") or ("20180164067") or ("10371326") or ("9380723") or ("20180078209") or ("20170086551") or ("20170248514") or ("20160057879") or ("20060237522") or ("20190353312") or ("9298279") or ("20170188910") or ("4030838") or ("20180348048") or ("7825895") or ("20120211382") or ("9600037") or ("9439314") or ("20170346998") or ("20140218853") or ("10248221") or ("20170100634") or ("20160066460") or ("20110038114") or ("20130147000") or ("8654524") or ("20130226486") or ("10324024") or ("8474722") or ("20170072077") or ("20200041613") or ("20150329054") or ("20190314581") or ("9955762") or ("7073708") or ("20200034596") or ("10299554") or ("9701248") or ("20140340227") or ("10234330")).PN. or (("20140334778") or ("20130092576") or ("8942776") or ("20130188312") or ("9263604") or ("20140379054") or ("9549598") or ("8624141") or ("8342325") or ("20170115165") or ("20130043777") or ("20120118773") or ("9557386") or ("9098993") or ("10369413") or ("10281231") or ("20140027317") or ("8570737") or ("20170147087") or ("9089056") or ("20180343986") or ("8393466") or ("20190258141") or ("10261541") or ("9417407") or ("8783456") or ("20130147001") or ("8531824") or ("9107299") or ("20160097959") or ("9269842") or ("8899761") or ("20120243093") or ("10237461") or ("8708142") or ("9179562") or ("20120085134") or ("9874901") or ("20170083046") or ("20180091879") or ("9134585") or ("20140288394") or ("20140070081") or ("20130170013") or ("20150090748") or ("20150182165") or ("10072985") or ("20180143663") or ("9247661") or ("8973753") or ("20140217863") or ("9907698") or ("20150282713") or ("8564950") or ("7270274") or ("7572206") or ("20140233108") or ("20040259689") or ("20190243415") or ("9024250") or ("20180087767") or ("8783457") or ("20180255219") or ("9226663") or ("20020191920") or ("20130328741") or ("9128284") or ("20190196605") or ("20190246022") or ("20190223569") or ("7604570") or ("8897002") or ("20190388572") or ("20180177230") or ("20130248691") or ("20160102846") or ("20190183677") or ("20060142126") or ("20180177635") or ("10466749") or ("20190008135") or ("20100128470") or ("20060167594") or				

		("20090001789") or ("20170351295") or ("9709249") or ("20130077226") or ("20180307333") or ("20200034597") or ("20060142127") or ("10564738") or ("20190246772") or ("9756895") or ("9901652") or ("20150313308") or ("10037053") or ("20200025880") or ("20190179028") or ("20170291040") or ("20140266731") or ("20190137093") or ("20140285355") or ("20170023233") or ("9607787") or ("20150297766") or ("20150090904") or ("20160375165") or ("20180292858") or ("9720443") or ("7604571") or ("10466742") or ("20190089352") or ("20190134251") or ("9478108") or ("6302596") or ("20130213147") or ("10274190") or ("20190107685") or ("10481269") or ("10461744") or ("7513852") or ("20160222640") or ("20160231242") or ("9763489") or ("20120295665") or ("20130213144") or ("20100197469") or ("9242018") or ("20080119337")).PN. or (("20070032353") or ("20180091894") or ("20180227661") or ("20130213146") or ("9542016") or ("20150226619") or ("20160302509") or ("20180091878") or ("20180091901") or ("20170372114") or ("20170245377") or ("20130296714") or ("10579847") or ("20170059805") or ("20160048163") or ("20160087117") or ("8739639") or ("8221295") or ("20150096876") or ("10257608") or ("20090201137") or ("20110190609") or ("20190105422") or ("20120236388") or ("10413624") or ("8805302") or ("4973844") or ("20190230434") or ("20190391702") or ("10282582") or ("20120059441") or ("8307995") or ("10024740") or ("20180289969") or ("20160165109") or ("20190147213") or ("20120305804") or ("20070147048") or ("10534496") or ("9490378") or ("9857555") or ("20130213145") or ("20180311388") or ("9520252") or ("20190001863") or ("20150015780") or ("10456052") or ("8989830") or ("8102424") or ("10524044") or ("20120127696") or ("8444291") or ("9286024") or ("10228720") or ("8463343") or ("20200081492") or ("6088165") or ("20180225498") or ("9882451") or ("9612196") or ("10357078") or ("7285771") or ("6580086") or ("20190303640") or ("8547333") or ("20180096187") or ("9823434") or ("20150265215") or ("8481916") or ("9264589") or ("20150309282") or ("20120129579") or ("20090102925") or ("20110203153") or ("20050156980") or ("20090039742") or				

		("20150096170") or ("20160106872") or ("20140327951") or ("7607243") or ("20180295895") or ("7020508") or ("20180091897") or ("6937812") or ("20120080296") or ("20040032729") or ("20170340049") or ("20180091896") or ("20180227664") or ("9041920") or ("9289177") or ("20150250245") or ("20040150523") or ("9930444") or ("20140293169") or ("20190350184") or ("8082688") or ("20140135781") or ("20100110027") or ("20150165077") or ("10151648") or ("10401902") or ("7635199") or ("20140233015") or ("20150180842") or ("20180095239") or ("20190047327") or ("8712485") or ("10485478") or ("8694069") or ("10493906") or ("5426308") or ("5626417") or ("20160082883") or ("9253168") or ("20140119041") or ("20170304552") or ("9603569") or ("20170028216") or ("6182848") or ("20130110264") or ("20170284875") or ("9346403") or ("8888829") or ("20060082776") or ("20190324362") or ("20140118286") or ("7372571") or ("10076282")).PN. or (("20150032009") or ("20180217668") or ("9317170") or ("20180091889") or ("10299725") or ("20170146813") or ("20190303639") or ("5408546") or ("9869636") or ("9090212") or ("5008658") or ("20140239853") or ("20160274375") or ("9243787") or ("6956479") or ("10219061") or ("20150116810") or ("8376150") or ("20180087757") or ("20160139495") or ("9039412") or ("20180220213") or ("20170196455") or ("5434764") or ("20130106603") or ("20150142143") or ("20180091888") or ("9740020") or ("20130211481") or ("9019090") or ("8974349") or ("8610675") or ("20160007925") or ("20130108124") or ("9700328") or ("20180035187") or ("20140186792") or ("6276818") or ("20120226316") or ("20190335844") or ("20060061076") or ("9599838") or ("20080068520") or ("20160273752") or ("10444791") or ("20110219659") or ("10391814") or ("20170315377") or ("20150253244") or ("20170115757") or ("7278223") or ("20150243145") or ("20190149902") or ("8179236") or ("20160264054") or ("20190375238") or ("9734477") or ("9967653") or ("20180094974") or ("10261648") or ("20130082585") or ("10105990") or ("10043052") or ("20190243492") or ("20150241917") or ("8513590") or ("10001658") or ("20100095578") or				

		("20110160650") or ("20140071050") or ("8499476") or ("9151485") or ("20180043823") or ("20170212613") or ("20060166161") or ("10462272") or ("20180031416") or ("10509195") or ("9639119") or ("9527445") or ("RE40617") or ("9410857") or ("20110314702") or ("10337912") or ("10080499") or ("20120326982") or ("20190091511") or ("8922867") or ("10429214") or ("20100083554") or ("9838775") or ("20190086685") or ("20100300992") or ("10587950") or ("20120097622") or ("20120307590") or ("8099897") or ("20080096156") or ("20160299607") or ("20140283358") or ("9085419") or ("20180295222") or ("10281737") or ("20100030043") or ("9430925") or ("20180293420") or ("20140024913") or ("20180303430") or ("20180164538") or ("20170079686") or ("20140084165") or ("20130192961") or ("20170078780") or ("20190362120") or ("20140148858") or ("20100217102") or ("10384598") or ("9610372") or ("20190041045") or ("20180218859") or ("20190154242") or ("20070260421") or ("20160071386") or ("7829862") or ("9046414") or ("9218730") or ("20190227339") or ("20180217669") or ("9039653")).PN. or (("9086836") or ("20190041026") or ("10117476") or ("20170060149") or ("8215050") or ("20130267803") or ("20190373144") or ("20130329183") or ("20170258662") or ("20040083907") or ("4823051") or ("20190310609") or ("9602911") or ("20190174857") or ("20080316731") or ("9857892") or ("20190290023") or ("20110203904") or ("9583256") or ("20200064588") or ("20160335869") or ("20150364938") or ("9795177") or ("8857078") or ("7481557") or ("20100194890") or ("20120204655") or ("8339526") or ("20160349175") or ("8730553") or ("10250783") or ("20200064650") or ("20020024713") or ("10133087") or ("20080130277") or ("10047941") or ("9779604") or ("20160254837") or ("8672978") or ("20130106684") or ("20190075225") or ("6614579") or ("20180275420") or ("20190266381") or ("10495898") or ("20180296161") or ("20150280767") or ("20180296166") or ("10330279") or ("7855755") or ("20180059520") or ("20120167443") or ("9086835") or ("8613616") or ("20190000396") or ("10302088") or ("9787345") or ("9872530") or ("20190210702") or ("6004046") or ("9520638") or				

		("8757360") or ("20130197680") or ("20160044148") or ("8700111") or ("20190286189") or ("20190366157") or ("20070074583") or ("9471169") or ("9116655") or ("20050057016") or ("8584551") or ("20160070393") or ("20160358441") or ("20180164852") or ("9011292") or ("9474955") or ("20170078785") or ("20190209087") or ("9875631") or ("20170223238") or ("20150329050") or ("20180115131") or ("9796331") or ("8886269") or ("20190254602") or ("9687576") or ("20140002113") or ("9548785") or ("4873469") or ("20160136313") or ("20190025540") or ("9069166") or ("20100238654") or ("20160375830") or ("9810591") or ("20200078519") or ("20090073847") or ("20160095519") or ("20190302083") or ("20070034082") or ("20160378259") or ("10153537") or ("20130099124") or ("20140024419") or ("20080154147") or ("6983533") or ("9543636") or ("20130083477") or ("10326247") or ("7415891") or ("20190312396") or ("7888657") or ("10172529") or ("20140371601") or ("7274094") or ("9497697") or ("20140180039") or ("20170078781") or ("20170235922") or ("20180013934") or ("9913582") or ("9314665") or ("20130188080") or ("7703966") or ("9460600") or ("5282118") or ("8963841") or ("10416537") or ("20130116612")).PN. or (("20180144113") or ("8558179") or ("20180260602") or ("20140171762") or ("4967312") or ("9687669") or ("20150157222") or ("8443541") or ("20180361076") or ("10456623") or ("20130278631") or ("20100037489") or ("20170232899") or ("20170059900") or ("8976085") or ("10108299") or ("8706177") or ("20190282167") or ("20090108205") or ("9716937") or ("9289135") or ("20170207042") or ("20180043822") or ("20150227178") or ("9222653") or ("20080130268") or ("20140266939") or ("7520629") or ("20090015736") or ("9568370") or ("8096473") or ("20180094632") or ("5916165") or ("20040083908") or ("7706046") or ("9699546") or ("20140180456") or ("20150022094") or ("8015732") or ("10281953") or ("20150300610") or ("4798440") or ("20180167497") or ("20130077221") or ("20160113088") or ("9736902") or ("20140218944") or ("20160325139") or ("20170324892") or ("10251601") or ("9317076") or ("20140218962") or ("8814754") or ("10222835") or ("20170340277") or				

		("9616289") or ("9301696") or ("10289163") or ("20190311172") or ("9375608") or ("20170085283") or ("20190026523") or ("20190092240") or ("20180035481") or ("5912456") or ("20180011390") or ("9259615") or ("20140180455") or ("20170235341") or ("9917935") or ("7537647") or ("20150065046") or ("8934952") or ("9682281") or ("20140268733") or ("20180058919") or ("9253848") or ("20190246018") or ("20190090603") or ("20190082974") or ("20160348681") or ("20140244009") or ("20150011914") or ("9637055") or ("20180056871") or ("9782125") or ("20130161172") or ("8517870") or ("5126510") or ("20190034020") or ("20200041962") or ("10144353") or ("20150170489") or ("20200025597") or ("10187918") or ("20190266376") or ("9314167") or ("10582032") or ("20190094565") or ("20050007645") or ("9440586") or ("10527491") or ("9807312") or ("20050270620") or ("8308679") or ("10437974") or ("6338517") or ("8817483") or ("10451071") or ("20140180454") or ("20060262545") or ("20110160654") or ("20180094631") or ("20130222235") or ("20100197166") or ("20160021998") or ("10124732") or ("8743203") or ("20020130770") or ("7543848") or ("10215177") or ("20160036118") or ("20190230259") or ("20120232663") or ("9176701") or ("20180013272") or ("20160129308") or ("9818559") or ("20170072285") or ("9846452")).PN. or (("10539860") or ("20150260581") or ("20120172803") or ("6144035") or ("20140061447") or ("20080205481") or ("20120281381") or ("10507255") or ("20120129580") or ("20170084983") or ("9415266") or ("20030213894") or ("20160324286") or ("9039659") or ("7009751") or ("20160242696") or ("20140028243") or ("20130083467") or ("20170302831") or ("9869435") or ("9294914") or ("10527265") or ("20140379106") or ("9757640") or ("20170003575") or ("8996082") or ("5132531") or ("5198664") or ("10303921") or ("20130312291") or ("6601768") or ("20120253485") or ("20160116943") or ("7100257") or ("7538316") or ("20150061872") or ("20160059782") or ("8467133") or ("10502548") or ("9779888") or ("9645607") or ("20120215163") or ("20160062398") or ("20130083464") or ("20180256049") or ("20160252888") or ("20190249853") or ("9794459") or ("20180207483") or ("10463285") or ("10238916")				

		or ("9386932") or ("9289649") or ("7888629") or ("9750455") or ("20180279932") or ("8929966") or ("20070153498") or ("9900041") or ("20160048165") or ("20190342473") or ("20140277631") or ("9155553") or ("4015120") or ("20140268516") or ("20120249894") or ("20160317087") or ("9185816") or ("8837928") or ("9229494") or ("20130120963") or ("10488249") or ("7663798") or ("10082259") or ("5223872") or ("20160054537") or ("20130083470") or ("20110188180") or ("9943724") or ("20040039254") or ("9232670") or ("20170259116") or ("10514877") or ("10340386") or ("9392854") or ("20140180022") or ("9168001") or ("9760064") or ("20090040588") or ("20180328717") or ("20150030320") or ("9750976") or ("20150335816") or ("20140125913") or ("20120275100") or ("20130127711") or ("20200041335") or ("20190069843") or ("8797721") or ("20140180453") or ("20180129798") or ("10381485") or ("20150073236") or ("20140031151") or ("7766518") or ("20160262673") or ("20170266329") or ("20140168564") or ("9545474") or ("9539486") or ("20170329207") or ("5326968") or ("20140288395") or ("20110187245") or ("20180212060") or ("20120058845") or ("6677575") or ("20110160655") or ("20100073926") or ("10342467") or ("20090142724") or ("20130253422") or ("20010009265") or ("20130033736") or ("20180296165") or ("8506096") or ("20060262544") or ("20170300736") or ("9349260") or ("10143280")).PN. or (("20180259373") or ("20190377858") or ("10448840") or ("8964298") or ("10409143") or ("20080154156") or ("10154814") or ("20180064221") or ("20160191101") or ("9808671") or ("10366272") or ("5899418") or ("20150105633") or ("20150008009") or ("4871917") or ("20120218301") or ("10149041") or ("9268200") or ("9155367") or ("20020125322") or ("20190116415") or ("20060264730") or ("20140260677") or ("8864340") or ("9778685") or ("20190324593") or ("20130328462") or ("20200060589") or ("7703951") or ("4939359") or ("10451451") or ("10412846") or ("20180063621") or ("20190325188") or ("20160327416") or ("7645050") or ("20160262485") or ("20160151671") or ("20200019749") or ("9241096") or ("20200003590") or ("8923941") or ("20170060184") or ("9261720") or ("10368457") or				

		("10215597") or ("9297709") or ("20190045877") or ("20120078469") or ("20040050188") or ("20130127980") or ("20190120667") or ("9518813") or ("20080030835") or ("20180136042") or ("9332940") or ("7209277") or ("20190054780") or ("20200004113") or ("10578264") or ("8201973") or ("20150131837") or ("9606579") or ("20200026174") or ("20160128637") or ("20180274996") or ("9878670") or ("5823654") or ("20120165800") or ("7726847") or ("20160037876") or ("20140267139") or ("7417781") or ("20080154146") or ("20140171755") or ("20120085926") or ("20180125178") or ("20140275812") or ("9425601") or ("20030213847") or ("20150378432") or ("8899562") or ("9323084") or ("20140121539") or ("20160166139") or ("10568381") or ("9782063") or ("20140104488") or ("20150168730") or ("10484783") or ("20060126150") or ("20120325018") or ("20160106366") or ("6385822") or ("20200018970") or ("9450634") or ("7420159") or ("10216975") or ("20170336829") or ("20170239559") or ("20190282718") or ("9759988") or ("10352563") or ("9377626") or ("20190063746") or ("20180367713") or ("20130107111") or ("20110050398") or ("20180214079") or ("20160062213") or ("7166831") or ("8998840") or ("20200049555") or ("20170242506") or ("20090270811") or ("10369960") or ("20160134788") or ("9606358") or ("20160252801") or ("20020041621") or ("9439599") or ("20160257254") or ("20130083468") or ("20160167574") or ("10279216") or ("20130088447") or ("20040041221") or ("5138150") or ("8115621")).PN. or (("9360742") or ("9229675") or ("4354652") or ("20140275813") or ("7112471") or ("20110186345") or ("10123593") or ("4684231") or ("9279734") or ("8525675") or ("20060176165") or ("20120152883") or ("20190323670") or ("8801577") or ("20170296051") or ("8514059") or ("20150235426") or ("20130135477") or ("9182842") or ("20130328785") or ("20190306613") or ("20070171657") or ("20170216668") or ("20160209382") or ("9894964") or ("20090109633") or ("9550090") or ("9904501") or ("20100134414") or ("20130194813") or ("20130162427") or ("20190053584") or ("9811711") or ("20180239156") or ("20160309829") or ("9933623") or ("20020115352") or ("10188215") or ("20140268722") or ("20180220972") or				

		("20030016542") or ("20140260689") or ("20120212484") or ("20090096937") or ("9933816") or ("10349889") or ("20120212499") or ("9967445") or ("20190137677") or ("9974873") or ("20130285953") or ("20170031385") or ("7308769") or ("10488660") or ("9924760") or ("8551283") or ("10360432") or ("8426800") or ("20040001334") or ("20120281380") or ("20070171652") or ("20130037589") or ("9628681") or ("20130077236") or ("20050204598") or ("5898183") or ("20150131177") or ("8264074") or ("20190338924") or ("20140249661") or ("20120061775") or ("9625791") or ("20180184751") or ("20070171643") or ("10173099") or ("20050068769") or ("10391943") or ("5060520") or ("20130044444") or ("20150130626") or ("8196787") or ("20150366475") or ("8678625") or ("10543786") or ("10419649") or ("20070276251") or ("20160231572") or ("6855013") or ("20180128508") or ("20120218748") or ("20180296875") or ("20050000142") or ("20190253589") or ("10302951") or ("20050104347") or ("20130235607") or ("9261701") or ("20180220050") or ("10352517") or ("9924902") or ("10457196") or ("9651999") or ("9283054") or ("20140276192") or ("10352496") or ("20180118116") or ("20160247010") or ("10114414") or ("20170172268") or ("20170196112") or ("20040084741") or ("20190315267") or ("20200033815") or ("9157618") or ("20170128782") or ("20160363479") or ("20150179072") or ("9291823") or ("20180188772") or ("20170150821") or ("20140262848") or ("20130235610") or ("9183749") or ("20190204920")).PN.				
S666	57	(("20170344239") or ("20190145820") or ("20160364131") or ("20170115162") or ("9880725") or ("20180224326") or ("10527490") or ("20160363479") or ("9798458") or ("20170118854") or ("9880052") or ("10527491") or ("20150177056") or ("9383255") or ("20150177055") or ("9927294") or ("20150177059") or ("20160305819") or ("20150177063") or ("20180136038") or ("9383256") or ("9470577") or ("9823120") or ("20150102208") or ("9116045") or ("20150177058") or ("20150177057") or ("9086323") or ("10378953") or ("20190033126") or ("9753182") or ("9068887") or ("20170191866") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:05

		("10060787") or ("10132680") or ("20150041663") or ("9551611") or ("20180249944") or ("10149645") or ("20190076082") or ("10072975") or ("20170069192") or ("10365156") or ("20190017866") or ("20170350815") or ("20190316960") or ("20140092238") or ("9766121") or ("20190204146") or ("7818142") or ("20090138244") or ("20180080818") or ("20190049292") or ("20190060678") or ("10139273") or ("20180017437") or ("20180274973")).PN.				
S667	23,522	G06F1/163,1632,1684,1694.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:13
S668	3,999	G01J1/429,0204,0228,0271,0437,0492,4204,4209.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:14
S669	68,365	G06F3/0481,0482,0484,04847.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:14
S670	72	((("SULLIVAN") near3 ("Jason"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/16 13:17
S671	24	(("20040136167") or ("7242574") or ("20070258205") or ("20110102991") or ("7733635") or ("20150257297") or ("20190335600") or ("8976513") or ("10285293") or ("20040150959") or ("7256991") or ("20080013270") or ("7817412") or ("8405969") or ("20110090628") or ("20140307373") or ("9961788") or ("20120151098") or ("20130271905") or ("20130308266") or ("20140355206") or ("20130264919") or ("20040136166") or ("20140250267")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:18
S672	27	(("10209941") or ("6943774") or ("20180011674") or ("20190346954") or ("20180164852") or ("8990721") or ("10222835") or ("20110276911") or ("10540073") or ("20020140667") or ("20160216879") or ("20100099456") or ("20140210740") or ("8630681") or ("10331342") or ("20180196596") or ("20170083268") or ("9886848") or ("20090111515") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:19

		("20150364037") or ("8229500") or ("8976516") or ("9952662") or ("10228761") or ("20190018454") or ("20140292808") or ("9442563")).PN.				
S673	3	(("20190356235") or ("20190357392") or ("20190353686")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:31
S674	229	(("20190356235") or ("20190357392") or ("20190353686") or ("20180070480") or ("10512199") or ("20150287525") or ("9336942") or ("20170214071") or ("20190208672") or ("10511042") or ("20140085026") or ("9484139") or ("20090206709") or ("7847450") or ("20130182478") or ("8907758") or ("20190123622") or ("20160079873") or ("9570995") or ("20150137926") or ("20180026533") or ("9960701") or ("20140060918") or ("20180332732") or ("20130314964") or ("20160347190") or ("10321611") or ("9538674") or ("8947191") or ("10164530") or ("20190103774") or ("20150365015") or ("20130314186") or ("20160079744") or ("20150357109") or ("8618899") or ("9350267") or ("9466415") or ("10033290") or ("9693476") or ("20190206615") or ("20120176749") or ("20090206662") or ("20160081233") or ("20140334102") or ("9204573") or ("20130170270") or ("8995128") or ("20190259984") or ("9788449") or ("20180025961") or ("7855887") or ("20170141082") or ("10410953") or ("20010024377") or ("20190234996") or ("20130277820") or ("9773759") or ("20200083820") or ("6469921") or ("20180166756") or ("20170184457") or ("20170181333") or ("8829669") or ("20170264197") or ("10429247") or ("20140133204") or ("20190259985") or ("9986665") or ("20190245443") or ("20170077828") or ("20070071653") or ("20180187905") or ("20190385776") or ("20130306387") or ("10454375") or ("10367425") or ("10249428") or ("7572417") or ("10495327") or ("9318250") or ("9199550") or ("20190267184") or ("20140264519") or ("5305338") or ("20140185326") or ("9177948") or ("20150250074") or ("20120257431") or ("9425701") or ("8902622") or ("20130134786") or ("20140126263") or ("10202029") or ("9497887") or ("20160037677") or ("20150229206") or ("20130114319") or ("20180166668") or ("20140240946") or ("20170264194") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:31

		("20180019056") or ("9431824") or ("20140112044") or ("20140140111") or ("9585293") or ("20190122958") or ("20150208500") or ("20190173394") or ("8754739") or ("9755535") or ("10256721") or ("20120105190") or ("9343219") or ("10374523") or ("9345160") or ("20070054162") or ("20150085532") or ("8038959") or ("20190362878") or ("8614617") or ("20160358704") or ("20150085533") or ("10431369") or ("20180304734") or ("20090294195") or ("20130107580") or ("20190230825") or ("7952856")).PN. or (("9985551") or ("20150084422") or ("20180350515") or ("8872610") or ("20190174647") or ("9647544") or ("20150326221") or ("10325716") or ("20120299678") or ("20130293335") or ("20150123479") or ("20140293655") or ("20180261370") or ("20170011842") or ("20180248484") or ("20120092120") or ("20160226396") or ("9653983") or ("6067242") or ("8462505") or ("10491122") or ("20170077810") or ("9728482") or ("20110222243") or ("8279035") or ("20140104913") or ("20190393800") or ("8860542") or ("8582291") or ("8525629") or ("20060139823") or ("20170069559") or ("7638904") or ("20110194247") or ("20190131053") or ("10199155") or ("9614454") or ("20180152117") or ("9935548") or ("10535460") or ("20160073556") or ("9202757") or ("10205316") or ("20140264435") or ("10582648") or ("20150308002") or ("20140085956") or ("20180269774") or ("20190237237") or ("9917529") or ("20090081514") or ("20170018921") or ("20150085536") or ("20150043262") or ("20190296605") or ("20190287714") or ("10141861") or ("20190334440") or ("9941694") or ("9894814") or ("20190297751") or ("20160055953") or ("20130094150") or ("10135327") or ("20130063237") or ("20180122552") or ("9793041") or ("20190115296") or ("20190027304") or ("8922997") or ("10490494") or ("20090059622") or ("20180309150") or ("20150208556") or ("20110019440") or ("20180359870") or ("9330834") or ("20180342959") or ("20090023045") or ("20180041135") or ("10554145") or ("7848118") or ("10285287") or ("7907042") or ("20190019611") or ("20190305771") or ("7911810") or ("20200043843") or ("9881724") or ("9947910") or ("20190252993") or ("9578790") or				

		("20170033336") or ("20170012267") or ("7767357") or ("9724999") or ("20110128759") or ("20080101097") or ("20200051729") or ("20180272889")).PN.				
S675	808	((("SHINDO") near3 ("Yusuke")) OR (("KATO") near3 ("Jun")) OR (("KITAMOTO") near3 ("Ryota")) OR (("SATO") near3 ("Shinnosuke")) OR (("IKEDA") near3 ("Toshiki")) OR (("SAKAGUCHI") near3 ("Takanori")) OR (("NISHIYAMA") near3 ("Kosuke")) OR (("FUSHIMI") near3 ("Takaaki"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/16 13:32
S676	230	(("20190356235") or ("20190357392") or ("20190353686") or ("20180070480") or ("10512199") or ("20150287525") or ("9336942") or ("20190208672") or ("20170214071") or ("10511042") or ("20140085026") or ("9484139") or ("20090206709") or ("7847450") or ("20130182478") or ("8907758") or ("20190123622") or ("20160079873") or ("9570995") or ("20150137926") or ("20180026533") or ("9960701") or ("20140060918") or ("20130314964") or ("20180332732") or ("9538674") or ("20160347190") or ("8947191") or ("10321611") or ("10164530") or ("20190103774") or ("20160079744") or ("20150365015") or ("20130314186") or ("20150357109") or ("9466415") or ("8618899") or ("9350267") or ("10033290") or ("9693476") or ("20190206615") or ("20160081233") or ("20130170270") or ("20090206662") or ("8995128") or ("20190259984") or ("20120176749") or ("20140334102") or ("9788449") or ("9204573") or ("7855887") or ("20180025961") or ("20170141082") or ("20200083820") or ("10410953") or ("20190234996") or ("20170184457") or ("20180166756") or ("20130277820") or ("9773759") or ("20010024377") or ("10429247") or ("8829669") or ("6469921") or ("20170264197") or ("20190259985") or ("20170181333") or ("20130306387") or ("20180187905") or ("20140133204") or ("20170077828") or ("20070071653") or ("20190245443") or ("9199550") or ("20190385776") or ("9986665") or ("10367425") or ("10495327") or ("10454375") or ("7572417") or ("10249428") or ("9318250") or ("5305338") or ("20140185326") or ("20190267184") or ("20140264519") or ("9425701") or ("9177948") or ("8902622") or ("20120257431") or ("20150250074") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:32

		("20140126263") or ("20160037677") or ("20130134786") or ("10202029") or ("20150229206") or ("9497887") or ("20130114319") or ("9585293") or ("20180166668") or ("9431824") or ("20140240946") or ("20170264194") or ("20180019056") or ("20150208500") or ("20140140111") or ("20140112044") or ("9755535") or ("20190173394") or ("8754739") or ("20120105190") or ("20190122958") or ("10256721") or ("20150085532") or ("10374523") or ("20070054162") or ("9345160") or ("9343219") or ("8614617") or ("8038959") or ("20190362878") or ("20160358704") or ("10431369") or ("20090294195") or ("20130107580") or ("20150085533") or ("20180304734") or ("7952856") or ("20180350515")).PN. or (("9985551") or ("8872610") or ("20190230825") or ("20150084422") or ("20190174647") or ("10325716") or ("20150326221") or ("20120299678") or ("20130293335") or ("20150123479") or ("9647544") or ("20140104913") or ("20120092120") or ("20140293655") or ("20180248484") or ("20180261370") or ("9653983") or ("10491122") or ("8279035") or ("20170077810") or ("9614454") or ("20160226396") or ("8462505") or ("9728482") or ("20170011842") or ("8860542") or ("20060139823") or ("20190393800") or ("8582291") or ("8525629") or ("20110222243") or ("20170069559") or ("7638904") or ("20190131053") or ("9935548") or ("6067242") or ("20110194247") or ("20180152117") or ("10535460") or ("9202757") or ("10199155") or ("20140085956") or ("20140264435") or ("20090081514") or ("10205316") or ("20190237237") or ("20180269774") or ("20160073556") or ("20130063237") or ("9917529") or ("20170018921") or ("20150308002") or ("20160055953") or ("20150085536") or ("9941694") or ("20190287714") or ("10582648") or ("20190115296") or ("20150043262") or ("10141861") or ("20130094150") or ("10135327") or ("20190296605") or ("9330834") or ("10490494") or ("8922997") or ("9793041") or ("20190297751") or ("20180122552") or ("20190334440") or ("20180359870") or ("20190027304") or ("9894814") or ("20180309150") or ("20090023045") or ("20090059622") or ("10285287") or ("20150208556") or ("20180041135") or ("20110019440") or ("20200043843") or ("9881724") or				

		("20190305771") or ("20180342959") or ("7907042") or ("20190019611") or ("7767357") or ("20170033336") or ("10554145") or ("20200051729") or ("7848118") or ("20190252993") or ("7911810") or ("9947910") or ("20170012267") or ("20080101097") or ("9724999") or ("20180033720") or ("20190198214") or ("20110128759") or ("9578790")).PN.				
S677	2	("20150229206" | "20170221632").PN.	US-PGPUB; USPAT	OR	OFF	2020/03/16 13:35
S678	1	"20150229206"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:36
S679	2	"20170221632"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:36
S680	13	("20060043581" | "20070284733" | "20110133329" | "20110149537" | "20120018906" | "20120153453" | "20150021756" | "20150289357" | "20160027709" | "20160190034" | "4000509" | "6156980" | "8531024").PN. OR ("9793048").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 13:36
S681	3,358	h05k7/1432,1427,1422,1457,2089.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:07
S682	2,502	H01F27/02,025,027.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:08
S683	4,413	H02M7/003.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:08
S684	4	S680 and react$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:09
S685	2	"20060043581"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:11
S686	4	(("20060043581") or ("20110133329") or ("20160027709") or ("20160190034")).PN.	US-PGPUB;	OR	OFF	2020/03/16 14:11

			USPAT; USOCR			
S687	2	"20060043581"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:12
S688	2	"20110133329"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:12
S689	2	"20160027709"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:13
S690	2	"20160190034"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:13
S691	8	S687 S688 S689 S690	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:13
S692	12	("20060108601" | "20120012880" | "20150021750" | "20150262902" | "20150262972" | "20160141231" | "5703399" | "6559536" | "6650559" | "9433075").PN. OR ("9875952").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:13
S693	8	("20020113302" | "20050051789" | "20060097385" | "20060124953" | "20090140414" | "20100128441" | "5536972" | "6650559").PN. OR ("9373555").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:14
S694	4	("5583377" | "5991156" | "6683795").PN. OR ("8310044").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:14
S695	45	("20020063327" | "20030042618" | "20040027802" | "20040113239" | "20040169998" | "20050006739" | "20050035436" | "20050051889" | "20060014444" | "20060027921" | "5359208" | "5623394" | "5805427" | "5952719" | "6084297" | "6225695" | "6497583" | "6533613" | "6680526" | "6703697" | "6706562" | "6747362" | "6750536" | "6751099" | "6752635" | "6845013" | "6853068" | "6979784" | "7030482" | "7038316" | "7091586" | "7117114").PN. OR ("7235880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:14
S696	68	S692 S693 S694 S695	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:15

S697	4	S696 and react$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:15
S698	1	S697 and switch$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:15
S699	34	("4636752" | "4777455" | "6078117").PN. OR ("6650559").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:17
S700	5	S699 and (power near conver$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:18
S701	1	("20180159087").PN.	US-PGPUB; USPAT	OR	OFF	2020/03/16 14:32
S702	2	"20180159087"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/16 14:38
S714	6	(("9874908") or ("8988876") or ("20170069299") or ("20100321275") or ("7991442") or ("20160187935")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/17 22:29
S715	31	("20010014010" | "20040266496" | "20070097014" | "20080096620" | "20130045347" | "20130077221" | "20130083496" | "20130109435" | "20130143014" | "20130165190" | "20130216740" | "20140205799" | "20150098182" | "20150116920" | "20160046049" | "20160142090" | "5847698" | "6301098" | "7050293" | "8310826" | "8658263" | "8988876" | "9013863" | "9086844" | "9172419" | "D734761").PN. OR ("9874908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/17 22:42
S716	2	(("20130010405") or ("20140132854")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/21 12:55
S727	1	"9870030".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/30 01:40
S728	1	("20160357261").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/30 02:02

S729	30	("0000002" | "20020171625" | "20040142749" | "20050197205" | "20070091070" | "20080042995" | "20090205878" | "20110037695" | "20110157019" | "20130178293" | "20130215024" | "20130324254" | "20140018173" | "20140282051" | "20150065090" | "20150100204" | "20160026216" | "20160179338" | "20160306422" | "20160357261" | "20160363996" | "20160364910" | "20170003798" | "20170024007" | "20170131767" | "20170151494" | "20170329440" | "5764164" | "6572108" | "8570273").PN.	US-PGPUB; USPAT	OR	OFF	2020/03/30 02:03
S730	0	S729 and electromaget$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/30 02:12
S731	6	S729 and electromagnet$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/30 02:13
S732	224	((("LARGE") near3 ("Timothy")) OR (("GHIONI") near3 ("Lincoln")) OR (("BABU") near3 ("Sarat")) OR (("LONGBOTTOM") near3 ("Matthew")) OR (("CARTER") near3 ("Duncan"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/31 00:49
S733	2,579	361/679.03,679.26,679.3,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:53
S734	20,697	H01L51/524,0097,56.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:53
S735	4,438	G06F1/1652.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:53
S736	1	"20190173041"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:56
S737	1,079	(("20190173041") or ("20170238412") or ("20160037625") or ("10143080") or ("9560751") or ("20150378391") or ("10201089") or ("20170034918") or ("20180054897") or ("9848494") or ("8526096") or ("20090195855") or ("9128277") or ("20130335806") or ("20170235341") or ("10289163") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:56

		("20160048169") or ("20040233623") or ("10281956") or ("20180062094") or ("10411205") or ("7145768") or ("20180219165") or ("20160327987") or ("20070014084") or ("10254795") or ("10418572") or ("20050041048") or ("20040228080") or ("20070201197") or ("20040257755") or ("7349203") or ("7209344") or ("20040218352") or ("7136280") or ("7773371") or ("7218510") or ("6819550") or ("20050088812") or ("7035092") or ("7142415") or ("20160181345") or ("7046509") or ("20090249851") or ("9490312") or ("9636181") or ("20190035765") or ("8549888") or ("20170075464") or ("20140137618") or ("20170224398") or ("20160336523") or ("10500630") or ("20160179229") or ("9535522") or ("20170172002") or ("9766737") or ("20170371465") or ("7042714") or ("20160093685") or ("9812659") or ("20160014919") or ("9983714") or ("9425418") or ("9980402") or ("6986230") or ("20180348821") or ("20090254326") or ("20180097199") or ("9510470") or ("20050088814") or ("7957831") or ("20030086240") or ("10522783") or ("20060176655") or ("20170323934") or ("20160240602") or ("10068960") or ("20200029423") or ("9748322") or ("10462896") or ("20150238073") or ("7289315") or ("9823693") or ("20170194411") or ("20160172623") or ("20160065920") or ("20160093644") or ("10231607") or ("20180052486") or ("9379355") or ("9349758") or ("20190380566") or ("20190132947") or ("20160155788") or ("20190391615") or ("9627463") or ("20180090713") or ("20170179215") or ("10444797") or ("20180203487") or ("9985086") or ("20180092166") or ("20050036283") or ("20160268546") or ("10342121") or ("20160266612") or ("20190132987") or ("9847506") or ("9939847") or ("10182474") or ("20170290106") or ("20150018622") or ("20180256145") or ("20140355195") or ("9782159") or ("20160181346") or ("9780157") or ("20160174304") or ("9980326") or ("9793334") or ("9348369") or ("10411084") or ("20180123060") or ("10334750") or ("10104957") or ("9706607") or ("20170332778") or ("20180062090") or ("10505147")).PN. or (("20150208799") or ("10465274") or ("20180182838") or ("20120119040") or ("20180335679") or ("9188275") or ("9935281") or ("20180010230") or ("8199124") or ("20120306787") or ("10495941") or ("20100282153") or ("20120162870") or ("20050110702") or ("10275068") or ("10496212")				

		or ("20100171013") or ("9743757") or ("20160342077") or ("20080067312") or ("20170315399") or ("20190196685") or ("8757819") or ("9740035") or ("20140232956") or ("10372164") or ("9720311") or ("10254637") or ("20140078047") or ("20160172427") or ("7950613") or ("20150220118") or ("20180017855") or ("20180217708") or ("20190227599") or ("20190235688") or ("20150227034") or ("20150200375") or ("8215588") or ("20160087024") or ("10261682") or ("20140054438") or ("10247971") or ("9356087") or ("20180233552") or ("9316899") or ("20190333982") or ("10229963") or ("9385175") or ("10241542") or ("20100171720") or ("20140092356") or ("20170199544") or ("9909710") or ("20160240605") or ("20060132025") or ("20160275830") or ("20160172428") or ("9939101") or ("20170338294") or ("20170077147") or ("20160224066") or ("20170277226") or ("20120071752") or ("9952703") or ("20180053790") or ("20160313762") or ("20140101560") or ("9971380") or ("20160066409") or ("9818764") or ("9933870") or ("20180076229") or ("10509440") or ("20120071895") or ("9544994") or ("20160146979") or ("20120191107") or ("9684339") or ("20180219180") or ("9642241") or ("10367050") or ("20140367644") or ("20160081180") or ("10038013") or ("20180331322") or ("20160064466") or ("20160285046") or ("10305066") or ("10043827") or ("20190191582") or ("20170373272") or ("20190067411") or ("9865838") or ("9224793") or ("9276055") or ("9768415") or ("20180219179") or ("9903983") or ("10440848") or ("9029846") or ("20190105110") or ("20180212190") or ("20120071894") or ("10103354") or ("20090244456") or ("9575706") or ("20180220794") or ("20150142013") or ("20140078046") or ("8961533") or ("10555780") or ("10020464") or ("7551344") or ("20180219181") or ("10345639") or ("10121991") or ("20190302517") or ("10130427") or ("10381597") or ("20200061340") or ("10115928") or ("20170237027") or ("20180342699") or ("7304786") or ("20160268542") or ("20170200779") or ("10103179") or ("20110050586")).PN. or (("10381598") or ("20140055345") or ("20170062485") or ("8072437") or ("10199445") or ("20170263888") or ("20110041641") or ("20180197928") or				

		("20200004295") or ("10038154") or ("20180076236") or ("5509543") or ("9978966") or ("20160062503") or ("10304869") or ("20110254758") or ("9563279") or ("8077278") or ("9314306") or ("9886187") or ("20170160899") or ("20200091461") or ("20160266672") or ("10542819") or ("10261634") or ("20080123175") or ("20070046594") or ("9287329") or ("20160035759") or ("20090284978") or ("20060187531") or ("9563320") or ("20120071821") or ("20160190522") or ("10230063") or ("20200038280") or ("20160374228") or ("7625399") or ("20180284525") or ("9515099") or ("10483491") or ("20160316906") or ("9673423") or ("10154562") or ("20070038291") or ("20150189768") or ("20030173632") or ("7271945") or ("7304785") or ("20120050075") or ("9560761") or ("20180032108") or ("7393129") or ("20070023593") or ("20180033979") or ("10591762") or ("20170200915") or ("10152153") or ("20110043719") or ("20130265257") or ("20120071822") or ("9756757") or ("20160358989") or ("20190079561") or ("20130265260") or ("10456316") or ("9941337") or ("9450038") or ("20190038366") or ("20030070468") or ("6755064") or ("9844262") or ("20030056561") or ("20160035812") or ("6894420") or ("20160306393") or ("20060130550") or ("20140204285") or ("9606648") or ("20030074945") or ("20060187530") or ("20150310776") or ("20050253035") or ("5801542") or ("10586941") or ("8800650") or ("20150187325") or ("9712777") or ("20170262070") or ("20060187529") or ("20100114296") or ("20160216822") or ("9864409") or ("10585458") or ("8827948") or ("20100038076") or ("10120458") or ("10152089") or ("20140098095") or ("9406703") or ("20140183473") or ("20180090696") or ("20090199609") or ("20190086964") or ("9304348") or ("20090233021") or ("9904396") or ("9646407") or ("10211424") or ("20130289706") or ("20170032763") or ("20170068275") or ("8157857") or ("9095046") or ("9766659") or ("20140334135") or ("20080153053") or ("9798359") or ("20120203327") or ("20170188463") or ("20150331496") or ("10539978") or ("9678582") or ("8771338") or ("10490755") or ("8470020") or ("20160093683") or ("20140254071") or ("20140379070") or ("20160283086")).PN. or (("20090197217") or ("9843758") or ("20150160488") or				

		("20090284704") or ("9122319") or ("20170218657") or ("9214640") or ("8007121") or ("20170062773") or ("6860132") or ("20170263890") or ("20180129096") or ("20040216503") or ("9759420") or ("8031313") or ("20080154644") or ("10318129") or ("20190121397") or ("20190391680") or ("20150138103") or ("9261736") or ("20140049464") or ("8047034") or ("9530831") or ("6707176") or ("20150382446") or ("9326871") or ("6612143") or ("6732558") or ("9386846") or ("20070285337") or ("20180221036") or ("8082769") or ("10579104") or ("10186684") or ("20140217382") or ("10338424") or ("7738245") or ("20150253613") or ("10582612") or ("20170179423") or ("7746529") or ("20100090934") or ("9318427") or ("9482915") or ("8384616") or ("20130265262") or ("20130162504") or ("20180108330") or ("7883074") or ("10121455") or ("20040179165") or ("20050259189") or ("20190074478") or ("20190221631") or ("7076980") or ("20170207412") or ("9818974") or ("20150359698") or ("7283891") or ("20170255033") or ("10452171") or ("20190025623") or ("20080278798") or ("20190311692") or ("20200013851") or ("10038161") or ("9599324") or ("20170288009") or ("20200028113") or ("20170018250") or ("10340477") or ("20150196311") or ("20060010821") or ("7564436") or ("20190366623") or ("7148944") or ("6132217") or ("20170258538") or ("9614167") or ("20040111999") or ("20140346474") or ("20160087229") or ("20060238494") or ("20170345351") or ("20190343010") or ("9962176") or ("20170248816") or ("20170060188") or ("20170170206") or ("9754520") or ("20180337367") or ("10354566") or ("20160079336") or ("20140233227") or ("10488687") or ("20190259310") or ("20130081756") or ("20190340964") or ("7837467") or ("20170003825") or ("10424631") or ("9489913") or ("20180108716") or ("9647052") or ("20140055429") or ("20190150302") or ("20140217373") or ("20170359890") or ("10339892") or ("20180356859") or ("20100209165") or ("7469513") or ("9203050") or ("10224344") or ("10515570") or ("20070030439") or ("10514727") or ("9100752") or ("9182587") or ("10418436") or ("9880666") or ("20050080345") or ("10245776") or ("9659966") or ("20160236458") or ("20190203701") or ("10268238") or				

		("20140002973") or ("20180040838")).PN. or (("20190157312") or ("20140098075") or ("20190265758") or ("4612720") or ("10555414") or ("20070216987") or ("10512179") or ("20140217397") or ("7369209") or ("10514724") or ("10551880") or ("9439315") or ("20200073443") or ("20150070853") or ("20190207130") or ("9618023") or ("20100224734") or ("8418968") or ("10559766") or ("20190230783") or ("20200015857") or ("20160147102") or ("20200008308") or ("20120056038") or ("20060204675") or ("20160211472") or ("20190324498") or ("20180247993") or ("10492310") or ("20150036300") or ("20140015743") or ("10522785") or ("20180166652") or ("20110068243") or ("9844470") or ("20160227623") or ("20170042046") or ("10573706") or ("20200074893") or ("9983628") or ("20180175323") or ("8056865") or ("20160268524") or ("9459656") or ("10222638") or ("20190187506") or ("20030201372") or ("20080105801") or ("9769919") or ("7636189") or ("8922510") or ("20100217373") or ("20180279994") or ("10355241") or ("9349969") or ("20150201487") or ("20170229666") or ("9796169") or ("9284637") or ("20040000620") or ("20190279539") or ("20170060189") or ("10188343") or ("10345858") or ("10117306") or ("20180082632") or ("10585456") or ("9748505") or ("20110255146") or ("20050185111") or ("20170162821") or ("10007134") or ("20140337621") or ("20180258578") or ("20010007341") or ("9007755") or ("8505523") or ("10537306") or ("20110227822") or ("20190152129") or ("8001711") or ("20180169414") or ("9985228") or ("7222466") or ("20180356669") or ("10501884") or ("20170215272") or ("20150160509") or ("10497306") or ("20160195901") or ("20150298589") or ("20110297810") or ("8308408") or ("20020157911") or ("20160198560") or ("20190221617") or ("20140098028") or ("20090311065") or ("10078389") or ("20170153734") or ("20200031109") or ("20160215901") or ("20130265221") or ("20140055375") or ("20070216639") or ("20140347597") or ("9441762") or ("10217957") or ("9873361") or ("10325530") or ("20130010413") or ("20190278411") or ("20190150832") or ("20190013493") or ("20190366636") or ("20180301520") or ("8074948") or ("9939689") or				

		("9523881") or ("20140049449") or ("10448884") or ("20190346887") or ("20130293556") or ("7353576") or ("20190094641") or ("20110233345") or ("20040098094") or ("20150277496")).PN. or (("10121988") or ("10098244") or ("20090223590") or ("7675665") or ("10342120") or ("10048786") or ("20180161577") or ("20170367173") or ("20190162985") or ("7765657") or ("10510980") or ("20060109391") or ("10509279") or ("20080042002") or ("7340856") or ("20180068613") or ("20170060183") or ("10424749") or ("20160307973") or ("20170153670") or ("20170047351") or ("20180321764") or ("20150123137") or ("20080030827") or ("20180351117") or ("20120035521") or ("10243024") or ("10229632") or ("20120006000") or ("20190139463") or ("7704274") or ("20180337220") or ("20180168503") or ("20170059933") or ("20130185912") or ("9248048") or ("20140276323") or ("20180145124") or ("6361000") or ("20180065352") or ("20080190871") or ("20160037657") or ("20160099433") or ("20150029166") or ("9625948") or ("20200068728") or ("9601557") or ("9212689") or ("20190013379") or ("10599321") or ("20060184051") or ("10394283") or ("8740164") or ("20170068124") or ("9710021") or ("7086509") or ("20100085696") or ("10139672") or ("20170237025") or ("7624959") or ("20170256599") or ("20150066047") or ("20190019966") or ("10145542") or ("20200008309") or ("20060010677") or ("10019052") or ("20200052248") or ("20190081127") or ("20190221632") or ("9830840") or ("8783628") or ("10361385") or ("10172549") or ("9698375") or ("20170257988") or ("20140138637") or ("6794793") or ("9632576") or ("9241835") or ("9992862") or ("20140276324") or ("10461268") or ("20140255136") or ("10056446") or ("7419139") or ("10165715") or ("20130328764") or ("9691345") or ("10243164") or ("20150162388") or ("20190173030") or ("20170351168") or ("20120083724") or ("20120063133") or ("6461314") or ("6459464") or ("20150137102") or ("20140313733") or ("9668922") or ("20190173049") or ("20180368656") or ("9524049") or ("10483098") or ("20170323779") or ("20170338440") or ("20060022185") or ("20180092200") or ("10582938") or ("9129916") or ("6501210") or ("7549203") or ("20200092407") or ("10577828") or ("8955880") or ("20080018631") or ("20170360521") or ("20170062742") or				

		("20140270278") or ("20170371194") or ("20160111479") or ("10219370") or ("9952706") or ("20190227367") or ("20140331781") or ("20160227624") or ("9857674") or ("20170150575") or ("20140341672")).PN. or (("20200027940") or ("10111301") or ("20130032551") or ("20190131575") or ("20190334105") or ("10041867") or ("10514563") or ("9341888") or ("20180123061") or ("8395011") or ("20140299716") or ("20150220119") or ("20160155967") or ("10457029") or ("9935279") or ("10510816") or ("20160316541") or ("20200089277") or ("10459264") or ("20190191543") or ("20180098405") or ("10121978") or ("20180159055") or ("20140028597") or ("20140002385") or ("20140132488") or ("20170371195") or ("10461267") or ("9532431") or ("20200039176") or ("10121979") or ("20130012858") or ("20160037609") or ("20150021570") or ("20180063971") or ("20140035869") or ("9697764") or ("20180006250") or ("9565738") or ("20170150574") or ("20040186558") or ("20200058887") or ("20190366634") or ("20130300677") or ("9490215") or ("8674164") or ("7502159") or ("9882152") or ("RE47619") or ("20200051810") or ("20170157361") or ("7933068") or ("20160325457") or ("20150102298") or ("9048444") or ("8794884") or ("20190051753") or ("7868545") or ("9854667") or ("9839096") or ("10254799") or ("10433893") or ("9167917") or ("9612659") or ("9492329") or ("9832839") or ("20140231763") or ("9577203") or ("10302980") or ("6196377") or ("9074707") or ("7460193") or ("20170258539") or ("9414463") or ("20150029123") or ("20010018644") or ("10534433") or ("20190305237") or ("20050119694") or ("20180217640") or ("20170047547") or ("20200084890") or ("10564744") or ("20030004439") or ("8639082") or ("10153457") or ("10463438") or ("9793502") or ("9527428") or ("20120269485") or ("20190082517") or ("20170060283") or ("9104368") or ("20170301267") or ("20190150270") or ("20160041672") or ("20150131222") or ("20080264058") or ("10001809") or ("20200004296") or ("20170281205") or ("7580103") or ("20160351859") or ("10537346") or ("20190357366") or ("20120298181") or ("10525233") or ("20180102496") or ("9305980") or ("8070121") or ("20040000117") or ("20140209147") or ("10288973") or ("6847152") or				

		("20130169515") or ("20190057982") or ("20070135803") or ("20090051640") or ("5697197") or ("20120232459") or ("9007315") or ("8697983") or ("20150138737") or ("20150109544") or ("20070198074") or ("10446769") or ("20150185761") or ("20150034977") or ("20180114944") or ("20130343012")).PN. or (("10350101") or ("20180259805") or ("20190369566") or ("20030057350") or ("6774535") or ("20170071687") or ("6831391") or ("20160247867") or ("8182459") or ("20160349561") or ("20050078459") or ("10109745") or ("9820822") or ("20160079562") or ("20040090142") or ("8203261") or ("20190366630") or ("20200077827") or ("20140135677") or ("20080180621") or ("20120105763") or ("10559768") or ("20140176850") or ("20180046214") or ("20160106190") or ("9936863") or ("20170094813") or ("20190074332") or ("9434127") or ("9492073") or ("9629523") or ("20110116743") or ("6715255") or ("20110152738") or ("20160282899") or ("20170071688") or ("20070223080") or ("10374194") or ("20180055348") or ("20010001346") or ("20040090144") or ("6540312") or ("20080265107") or ("20150102296") or ("9130192") or ("20140307378") or ("20170188701") or ("20120206248") or ("8608647") or ("20120265215") or ("9564479") or ("8102659") or ("20190067606") or ("6904393") or ("20180004021") or ("10051750") or ("20130281904") or ("20180104107") or ("20060221269") or ("7578949") or ("20190139515") or ("20170119483") or ("20170271617") or ("9419065") or ("20180348556") or ("10602623") or ("20040160072") or ("9506279") or ("20100123059") or ("6923413") or ("9274559") or ("20120172774") or ("20030098595") or ("20160111028") or ("9157614") or ("9681796") or ("20120105742") or ("20180174505") or ("20170098435") or ("9812667") or ("20200015593") or ("20160124395") or ("10211276") or ("9223162") or ("10191517") or ("20160101593") or ("20160224059") or ("20140005485") or ("9406734") or ("20130271697") or ("8592640") or ("5685186") or ("20190355924") or ("10042392") or ("20070153375") or ("9291843") or ("20180353059") or ("20140042406") or				

		("10096669") or ("20190165076") or ("20170322598") or ("20070213812") or ("20180053905") or ("20190081257") or ("10281773") or ("8724935") or ("20140005488") or ("10121977") or ("20140005555") or ("10096668") or ("20190141843") or ("20160218305") or ("9293730") or ("7318572") or ("20130248670") or ("20190101997") or ("20180324961") or ("20140097408") or ("20140008503") or ("20040090143") or ("20190046021") or ("8187324") or ("20170160580") or ("10319265") or ("10070719") or ("10133373") or ("20170125728") or ("20140300529")).PN. or (("20170077211") or ("20050284991") or ("20070085961") or ("20150227245") or ("9723976") or ("20190059164") or ("20190179425") or ("20140270193") or ("8182418") or ("20140307396") or ("20150102326") or ("20190004363") or ("20190033984") or ("20090216083") or ("20150085471") or ("20170338296") or ("20160089195") or ("20070010864") or ("20140007472") or ("20190371880") or ("9872716") or ("10022197") or ("5685118") or ("20180084915") or ("5737894") or ("9558685") or ("10254798") or ("9304539") or ("20120081849") or ("20190238806") or ("20170373121") or ("20140135678") or ("20170216129") or ("20180019417") or ("9615728") or ("10185176") or ("20050011054") or ("20160035801") or ("20180233551") or ("20140005486") or ("10263063") or ("9649226") or ("20160070302") or ("20180120954") or ("6019323")).PN.				
S738	5	(("20190173041") or ("20160037625") or ("20170238412") or ("10143080") or ("9560751")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:57
S739	1,068	(("20190173041") or ("20160037625") or ("20170238412") or ("10143080") or ("9560751") or ("20140098549") or ("8764255") or ("20190195664") or ("20180348821") or ("20180182838") or ("10411084") or ("20160307973") or ("10510980") or ("10254795") or ("10201089") or ("20160327987") or ("20150378391") or ("20180054897") or ("20190207130") or ("10261634") or ("20170034918") or ("9848494") or ("20190324498") or ("10514724") or ("20140042406") or ("9419065") or ("20170371465") or ("20180356859") or ("9983714") or ("10268238") or ("20170075464") or ("20180108862") or ("20160179229") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 00:58

		("20160181345") or ("20130001598") or ("9766737") or ("20180082632") or ("8373181") or ("9535522") or ("10026925") or ("20100308335") or ("20170315399") or ("20140098095") or ("20180123060") or ("9490312") or ("10497306") or ("20180150111") or ("9646407") or ("8237165") or ("20190108793") or ("20140307395") or ("10247971") or ("9349777") or ("20160079336") or ("20160081180") or ("9642241") or ("10600368") or ("10579103") or ("9647052") or ("9780157") or ("20160181346") or ("10289163") or ("20140232956") or ("20160266672") or ("20170235341") or ("9740035") or ("20160336523") or ("9697764") or ("10319933") or ("20180097199") or ("20140132488") or ("20120067134") or ("20190171322") or ("20150137102") or ("20140101560") or ("20140218856") or ("9812659") or ("20130119352") or ("10559767") or ("10229963") or ("20180123079") or ("9256250") or ("9490215") or ("8943898") or ("20180059729") or ("20170227805") or ("20140098040") or ("20140217373") or ("20200006679") or ("10522783") or ("20160231783") or ("20180062090") or ("9223398") or ("9817444") or ("9933643") or ("10488888") or ("9935281") or ("7816856") or ("20130279088") or ("20060132025") or ("9318427") or ("20200075886") or ("20200089282") or ("20100213819") or ("20180138448") or ("20170229674") or ("8724304") or ("20180219165") or ("9971382") or ("10103179") or ("10014490") or ("20180004252") or ("10418572") or ("20170290106") or ("9929374") or ("20170172002") or ("20180062094") or ("10505147") or ("20110084898") or ("20160014919") or ("10230063") or ("20190259818") or ("20170162821") or ("20190140202") or ("9980402") or ("10411205") or ("9980326") or ("20180076236") or ("20170062485")).PN. or (("10121988") or ("20180033979") or ("9510470") or ("20170323934") or ("10304869") or ("20190305237") or ("20150226414") or ("20150021570") or ("20180138462") or ("20160093685") or ("20200035061") or ("20180175311") or ("20180197928") or ("10068960") or ("20140078046") or ("20190326371") or ("9048444") or ("20180090720") or ("9425418") or ("20170207412") or ("20160240602") or ("20160093644") or ("10209801") or ("20120026666") or ("10199445") or				

		("20180092166") or ("20140340609") or ("20120218219") or ("20180366059") or ("10211416") or ("20200028113") or ("20160064699") or ("9515099") or ("20170032737") or ("20180012551") or ("20160359132") or ("9575706") or ("20070297191") or ("20190369776") or ("20160035759") or ("9748322") or ("20180219179") or ("7766498") or ("20190196685") or ("10147902") or ("20190243488") or ("8576552") or ("8828763") or ("20180108330") or ("10038161") or ("10182474") or ("20160174304") or ("20180351117") or ("9349758") or ("10089922") or ("8716932") or ("10217406") or ("20150382446") or ("10103354") or ("20170294425") or ("20160226015") or ("20140078047") or ("20150187279") or ("10424749") or ("20200027380") or ("10514809") or ("20160372705") or ("9778772") or ("10582612") or ("20160155788") or ("10242975") or ("20180039352") or ("20150001477") or ("20170131846") or ("20050174335") or ("20170125728") or ("9786229") or ("20190152129") or ("9748520") or ("20180006270") or ("20170041990") or ("10430000") or ("9947895") or ("20180205036") or ("9614167") or ("20160087229") or ("9992825") or ("20190341430") or ("20160285055") or ("20200026482") or ("20140346474") or ("10374193") or ("20120012890") or ("9812667") or ("20170308196") or ("20180097197") or ("9203050") or ("20100165561") or ("9706607") or ("20170179215") or ("20150001483") or ("20160172428") or ("10303315") or ("9627463") or ("10261682") or ("20190044078") or ("20170194411") or ("20190319201") or ("10490774") or ("20160231837") or ("8199479") or ("20130081756") or ("20160380232") or ("20180366534") or ("20160124557") or ("9837634") or ("9570527") or ("9601557") or ("20150102326") or ("20180156433") or ("20190013379") or ("20190181380") or ("20140138637") or ("9029886") or ("10074824") or ("20180212190") or ("20140353625") or ("9793334")).PN. or (("20180219180") or ("20180011576") or ("10573709") or ("20170256599") or ("9293730") or ("9490308") or ("20140099479") or ("10305066") or ("20180219181") or ("20160227624") or ("9989991") or ("9806290") or ("10270047") or ("10121991") or ("20150200375") or ("10245776") or ("9461267") or ("9985086") or ("9983628") or ("20140055924") or ("20190140200") or				

		("20160216819") or ("20190278411") or ("20190041562") or ("20160172623") or ("20180090713") or ("9710090") or ("9120290") or ("10598838") or ("20180068621") or ("9532431") or ("10056446") or ("20100311488") or ("10115928") or ("10566568") or ("20170237027") or ("8581294") or ("20140049956") or ("10318129") or ("20160211472") or ("9295168") or ("20140055375") or ("20160283086") or ("9869460") or ("9379355") or ("9870108") or ("20190173047") or ("20180342699") or ("10154562") or ("20130265221") or ("9033547") or ("10038154") or ("20180331322") or ("20190333982") or ("20180108724") or ("20190146261") or ("20160268546") or ("8545327") or ("20160087024") or ("20160285046") or ("20170373272") or ("10305051") or ("20160358989") or ("10020464") or ("20180197935") or ("20170277226") or ("20150041779") or ("9470919") or ("9847506") or ("10381598") or ("9941337") or ("20140098034") or ("9768415") or ("10446636") or ("10381597") or ("20160111479") or ("9231221") or ("20180233552") or ("20120009702") or ("9450038") or ("9385175") or ("20170364187") or ("20170338294") or ("10509440") or ("9496522") or ("10319794") or ("20160322601") or ("20170170253") or ("20180033980") or ("20160035812") or ("20180122302") or ("20190386038") or ("20140354143") or ("8804324") or ("20100283713") or ("8378932") or ("20200058729") or ("10234975") or ("20160172427") or ("20160190522") or ("10340326") or ("20170315645") or ("20120091484") or ("10453396") or ("9577203") or ("20190181361") or ("9673423") or ("10367050") or ("20150008396") or ("20140217382") or ("20180286932") or ("10019052") or ("20160111481") or ("20150084003") or ("10028339") or ("20120307472") or ("20160224066") or ("10528166") or ("9287329") or ("9276055") or ("20170133448") or ("20120006978") or ("8674344") or ("9356087") or ("20170040395") or ("20190237690") or ("7349203") or ("20140225077") or ("20160064466") or ("9257677")).PN. or (("8203541") or ("20180075814") or ("20190181366") or ("20150069341") or ("20100311502") or ("9684339") or ("20180059718") or ("10505131") or ("20170330925") or ("20170062742") or ("7773371") or ("20200058887") or ("9626023") or ("9224793") or ("20170220201") or ("9287523") or				

		("20180159055") or ("9977641") or ("20180067598") or ("9698205") or ("20170345874") or ("20040108061") or ("20170244062") or ("9806285") or ("20190179425") or ("8287386") or ("20100231528") or ("20170075459") or ("20150221892") or ("20130146938") or ("20190372033") or ("9960220") or ("20170170247") or ("10394274") or ("20170301742") or ("20160301029") or ("20180212170") or ("9864438") or ("10593731") or ("20150102298") or ("20060013945") or ("9882152") or ("20180033831") or ("10347853") or ("20200083486") or ("20160240605") or ("20190165331") or ("20180375042") or ("20130278846") or ("20180076229") or ("20200035951") or ("10461267") or ("9647234") or ("20160370877") or ("20130278612") or ("10263204") or ("10152153") or ("20160035806") or ("10503274") or ("20140055345") or ("9287525") or ("10043827") or ("20180120954") or ("10114476") or ("10275045") or ("20160087013") or ("10068954") or ("20180033833") or ("20190033984") or ("20170263873") or ("20130265257") or ("20110037095") or ("20140313438") or ("9553136") or ("10516123") or ("8283688") or ("20180053790") or ("10038013") or ("9515128") or ("20170077195") or ("10541279") or ("9563279") or ("20140217397") or ("20190165287") or ("9041047") or ("9577017") or ("20190221631") or ("9349969") or ("10372164") or ("20200029423") or ("6819550") or ("20180076400") or ("20170373121") or ("20120161620") or ("20170062741") or ("7136280") or ("20180212188") or ("9659966") or ("20120249519") or ("20170077147") or ("20150037916") or ("9859346") or ("9759420") or ("20090244683") or ("20150287771") or ("20190036047") or ("6755533") or ("20200012373") or ("8659223") or ("10103356") or ("9287522") or ("9034673") or ("20140319483") or ("10177327") or ("9715315") or ("20160306393") or ("20160109973") or ("20150034934") or ("20030098832") or ("20190221142") or ("20180173277") or ("20200091247") or ("20100149223") or ("20070052617") or ("20190369778") or ("20190069425") or ("20160351648") or ("9960375")).PN. or (("20200052230") or ("9818764") or ("9893133") or ("20140054438") or ("10510816") or ("20190035872") or ("20040233623") or ("8023169") or ("20170062773") or ("20180321781") or ("20190057982") or				

		("20160093683") or ("20110267329") or ("20150253613") or ("9142597") or ("9448660") or ("20170179432") or ("20180337220") or ("20100123706") or ("20200083310") or ("9482915") or ("10050093") or ("10462896") or ("20040001033") or ("9385174") or ("10534399") or ("20160103537") or ("20200064887") or ("9909710") or ("20180033830") or ("10133373") or ("20160282899") or ("20140036168") or ("9939101") or ("7660028") or ("20160054758") or ("20150108433") or ("6972889") or ("20110148812") or ("20160276629") or ("20190035765") or ("20140028596") or ("20140183473") or ("20160204172") or ("20190165300") or ("10409410") or ("20200013830") or ("10281409") or ("9716248") or ("10580847") or ("20190101997") or ("20170235427") or ("20180031880") or ("20090126777") or ("20130285024") or ("20160066409") or ("20160204366") or ("9209414") or ("20130342429") or ("8599187") or ("20160351852") or ("10007370") or ("20200012110") or ("20180081219") or ("20040239581") or ("20180006266") or ("20170170255") or ("20160253935") or ("20160133674") or ("20190311256") or ("8552936") or ("9837474") or ("20180175131") or ("20180033358") or ("9917266") or ("20180348524") or ("20150171374") or ("9530831") or ("8237746") or ("20180284935") or ("8933626") or ("20160028043") or ("10503276") or ("20190157589") or ("20160299579") or ("20180047802") or ("20100149218") or ("10496136") or ("20170040127") or ("9544994") or ("20200052050") or ("10514775") or ("20180182839") or ("20160306390") or ("20170179207") or ("7057579") or ("20170329567") or ("8994618") or ("10326109") or ("20170155087") or ("9385342") or ("9939846") or ("9614168") or ("6710754") or ("20200073613") or ("20150227172") or ("20160183364") or ("20110122100") or ("9632344") or ("20180113545") or ("20200005000") or ("9711746") or ("9184224") or ("20190165076") or ("7145768") or ("10540029") or ("20120098736") or ("20160059698") or ("20190148670") or ("20150349032") or ("20180114474") or ("20160285039") or ("20180059728") or ("20150236306") or ("20190018519") or ("20050041048") or ("20160155791")).PN. or (("10256284") or ("9977466") or ("20180287092") or ("20140016284") or ("20150255522") or ("20150043136") or ("20180081399") or				

		("9640516") or ("20180246544") or ("10599378") or ("10153337") or ("10446770") or ("9214640") or ("20060132030") or ("20160027763") or ("20180233551") or ("20180188810") or ("20070201197") or ("20160285053") or ("8941631") or ("20170316738") or ("20170277288") or ("9881979") or ("10546908") or ("10199596") or ("20190391680") or ("20170236805") or ("20040218352") or ("20170160899") or ("10068727") or ("10564786") or ("20150187845") or ("20180180894") or ("20100117067") or ("20170308212") or ("20150221887") or ("20180224894") or ("20060132027") or ("10135024") or ("20190286320") or ("20190280225") or ("20190173042") or ("20190043930") or ("10505137") or ("20180108716") or ("20160334900") or ("20160081206") or ("10026357") or ("9831223") or ("10409433") or ("9944181") or ("8471836") or ("7209344") or ("20130026513") or ("20190206312") or ("20180143669") or ("20080117362") or ("8963817") or ("10090369") or ("20180076415") or ("9246126") or ("20190043420") or ("10446769") or ("20120206049") or ("20170263890") or ("10223952") or ("20160315129") or ("20150214195") or ("20180074361") or ("10162418") or ("20170117502") or ("9671913") or ("20120274596") or ("20190296097") or ("20170062534") or ("9524049") or ("20170086308") or ("20160035801") or ("9899457") or ("8957577") or ("20170317299") or ("20130099258") or ("20190258446") or ("20030098845") or ("20070046594") or ("9159707") or ("20130082908") or ("20180358423") or ("9886187") or ("20170344073") or ("20140035869") or ("10186683") or ("20180033843") or ("20150310787") or ("20040228080") or ("20140346455") or ("10289225") or ("20190229156") or ("20110273413") or ("20180076270") or ("10297771") or ("20040257755") or ("20140306985") or ("20150109271") or ("20180301664") or ("20170271617") or ("10355065") or ("20190214599") or ("9490307") or ("9400576") or ("10209796") or ("20140300529") or ("9577212") or ("20090219225") or ("20170053976") or ("20170237025") or ("10181576") or ("20100264816") or ("20050088812") or ("9570042") or ("8829790") or ("20180286314") or ("20190334105") or ("8884502") or ("9459446") or ("10199441") or ("9748315")).PN. or				

		(("20090179557") or ("10186684") or ("20150221890") or ("20160218305") or ("8519385") or ("20180151657") or ("20200027940") or ("20170221972") or ("8362692") or ("20190140201") or ("20130265262") or ("20180095571") or ("8419535") or ("20120104420") or ("9997574") or ("10361385") or ("20100276671") or ("20180351128") or ("20170344053") or ("20070014084") or ("20180343753") or ("20190189700") or ("20180151627") or ("9406734") or ("9195272") or ("20190074474") or ("20100311489") or ("20190237699") or ("10466487") or ("20160197131") or ("20180315963") or ("20180348529") or ("20170054105") or ("10288973") or ("10505141") or ("20200005602") or ("20170025640") or ("20170206747") or ("9691345") or ("9006723") or ("10438454") or ("10446787") or ("20180061906") or ("10452171") or ("20150277099") or ("9601554") or ("20150277097") or ("20180224957") or ("20180314385") or ("20150080077") or ("10211276") or ("20190059164") or ("8890771") or ("20180063971") or ("20120105742") or ("20170032763") or ("8269212") or ("20160020399") or ("10096668") or ("20190341432") or ("20100311493") or ("10312299") or ("7142415") or ("9671643") or ("9134552") or ("20190213978") or ("10276639") or ("20180033834") or ("10014491") or ("20170229527") or ("20160306468") or ("7973472") or ("9985227") or ("9939978") or ("9367093") or ("20140226110") or ("20170062760") or ("8771078") or ("20190190438") or ("20150331508") or ("20060273304") or ("20170221762") or ("20150144921") or ("9013367") or ("10332943") or ("20190011955") or ("20170094817") or ("20150310826") or ("20100311494") or ("10043710") or ("9836165") or ("7218510") or ("10211424") or ("20130207946") or ("10236334") or ("9477076") or ("10180704") or ("20100066681") or ("20170188463") or ("9613497") or ("9046711") or ("20190207146") or ("20190103454") or ("20180069191") or ("20190348475") or ("20190131575") or ("9035285") or ("20190006442") or ("20160253034") or ("9711577") or ("7046509") or ("20180292654") or ("20120305981") or ("20190363266") or ("20190088726") or ("9455405") or ("20180190170") or ("20190131580") or ("20180188186") or ("9412977") or ("7999465") or ("20130063022") or ("20150236309") or				

		("20130285885") or ("8711566") or ("8698750") or ("9362521") or ("20150277098")).PN. or (("20170132974") or ("20130194528") or ("20190157356") or ("9924125") or ("20130337588") or ("9494792") or ("10209813") or ("20110233570") or ("20160285033") or ("9336723") or ("9390642") or ("10475241") or ("9488862") or ("20190261519") or ("10019103") or ("20150195936") or ("20200044003") or ("20130020967") or ("10326097") or ("20170220145") or ("10051750") or ("9680131") or ("20140177182") or ("9507191") or ("20190341566") or ("10593745") or ("20180350885") or ("20160084994") or ("20140268293") or ("20060204675") or ("20170033162") or ("20190087051") or ("20160055798") or ("20180374912") or ("20170200545") or ("20150188082") or ("20130265260") or ("9812511") or ("9172064") or ("10403684") or ("10283729") or ("7035092") or ("20050184672") or ("20170003825") or ("20130021289") or ("20170236883") or ("20180068987") or ("20180032189") or ("20180040633") or ("20140225838") or ("10388215") or ("20140211399") or ("20190074478") or ("20180315956") or ("20190181208") or ("20190096319") or ("20190383474") or ("9793501") or ("8896236") or ("20140332769") or ("8618730") or ("8784189") or ("10535825") or ("10026787") or ("7368307") or ("10269874") or ("20190197924") or ("10394278") or ("8764239") or ("7027044") or ("8592833") or ("10134715") or ("20190088631") or ("10271425") or ("9606648") or ("10559779") or ("20150185960") or ("8987043") or ("20170117499") or ("9552770") or ("20180033832") or ("20160365388") or ("10564326") or ("20190312225") or ("20190157312") or ("10340477") or ("10254461") or ("10512178") or ("10380938") or ("20190067409") or ("20090256471") or ("20180196555") or ("20140306941") or ("10585635") or ("20190027550") or ("20200073443") or ("20190229282") or ("20200059545") or ("20190189716") or ("20160295685") or ("20170110529") or ("20150079711") or ("9271402") or ("20170244061") or ("20140197385") or ("20190073946") or ("20060220010") or ("20190081257") or ("9875718") or ("20190259968") or ("20160307968") or ("20180203487") or ("10305064") or ("20150024528") or ("20150221711") or ("20140049449") or ("9881982") or ("10488886") or				

		("20140239277") or ("20150170575") or ("9825101") or ("20160288705") or ("10541295") or ("10270059") or ("9000428") or ("20130058063") or ("20190198801") or ("20180175117")).PN. or (("10175843") or ("9543372") or ("9880666") or ("10134773") or ("9595574") or ("20050259189") or ("20180294324") or ("20150373864") or ("20040212603") or ("10529793") or ("20150115248") or ("20170118859") or ("20160204169") or ("20170090644") or ("9210810") or ("10514727") or ("10114491") or ("20130069067") or ("20160218153") or ("20170294488") or ("20180275757") or ("10181504") or ("20180047320") or ("20110186869") or ("20180324961") or ("20120212966") or ("9099649") or ("20190025886") or ("10361254") or ("20180182983") or ("9614192") or ("20070103407") or ("20110227896") or ("20170170206") or ("9812515") or ("10276823") or ("20140295150") or ("20170309691") or ("20190138258") or ("8851952") or ("9991317") or ("20160211482") or ("10360432")).PN.				
S740	31,073	g06f1/1626,1656,1635,181,183,203,184,1688.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:22
S741	7,283	H04M1/026,0277,035,03,0262.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:22
S742	8	(("20170068288") or ("20120194997") or ("8570736") or ("20140104807") or ("8988846") or ("8368643") or ("20120050151") or ("20120176277")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:25
S743	695	(("20200081500") or ("20150169014") or ("9182794") or ("20190317578") or ("8107239") or ("20100220445") or ("20190317576") or ("8717762") or ("20120092830") or ("7733644") or ("20090273893") or ("10579113") or ("20190317572") or ("20190317574") or ("10401926") or ("10423200") or ("20190317571") or ("10579112") or ("20190317575") or ("8515589") or ("9845805") or ("6988537") or ("20120130545") or ("20120026677") or ("20050006062") or ("20190129480") or ("9915985") or ("20180112669") or ("20100328878") or ("10558244") or ("8926414") or ("6909602") or ("8405997") or ("20150124398") or ("5331508") or ("9229499") or ("20030218862") or ("20030001046") or ("6568635") or ("10585451") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:33

		("20110310315") or ("9575524") or ("20170060201") or ("20150084490") or ("5115996") or ("20070139882") or ("9446670") or ("7283359") or ("10551888") or ("20200050247") or ("20060027704") or ("20070097628") or ("20120229982") or ("8625279") or ("20120229978") or ("8743541") or ("3490720") or ("8531838") or ("20200025072") or ("5170963") or ("20050068732") or ("7203062") or ("20080266796") or ("5671690") or ("8087618") or ("7660119") or ("20060285291") or ("20100097764") or ("3146970") or ("9587585") or ("4205813") or ("7345875") or ("7830663") or ("10372575") or ("20070230114") or ("4461436") or ("20070230124") or ("20190235982") or ("10499540") or ("7400501") or ("7871319") or ("6822863") or ("5054721") or ("6771499") or ("7707711") or ("9825516") or ("20200055595") or ("20190239384") or ("7925457") or ("20040100765") or ("9862486") or ("9280179") or ("20100088045") or ("20160047274") or ("9907201") or ("10356942") or ("9085355") or ("20070018034") or ("20160109905") or ("10487690") or ("20080180910") or ("20140158816") or ("9229477") or ("20150274292") or ("10383256") or ("20140160657") or ("20180184545") or ("6918244") or ("20170257984") or ("20180265208") or ("20140160656") or ("20160097371") or ("10390462") or ("3986686") or ("7499273") or ("7286345") or ("20070146988") or ("10368468") or ("20030033798") or ("20130327507") or ("10368469") or ("20180235105") or ("10133313") or ("20060176664") or ("20190235586") or ("20090108125") or ("10591960") or ("7230825") or ("20130286292") or ("20110317364") or ("10551881") or ("20010029628")).PN. or (("6151211") or ("20150163960") or ("8964383") or ("5251096") or ("7823840") or ("5355278") or ("20180355739") or ("10429885") or ("5640740") or ("20060094347") or ("20180267578") or ("20090009958") or ("10557416") or ("6270036") or ("20090168331") or ("5255154") or ("10528100") or ("4084213") or ("20110157826") or ("20150246725") or ("20200047898") or ("9997977") or ("20080002358") or ("20190380229") or ("10591963") or ("9363926") or ("20020018337") or ("7719831") or ("10314206") or ("7474526") or ("20080037227") or ("6496369") or ("20170009657") or ("20120113593") or ("10398060") or ("8395889") or ("20170168529") or ("20170268409") or ("20180284858") or				

		("10440863") or ("6256193") or ("20190335625") or ("10072849") or ("10174665") or ("9448601") or ("20200081506") or ("20200033921") or ("6353536") or ("20190185155") or ("20060279930") or ("4285482") or ("20050185376") or ("20170363299") or ("5479676") or ("20190107039") or ("6141215") or ("20070041157") or ("9367102") or ("20020122717") or ("20070227705") or ("20140009883") or ("5646820") or ("10273808") or ("20030051292") or ("20170130590") or ("6270309") or ("4131252") or ("9237675") or ("8559173") or ("20110114070") or ("6049455") or ("8899513") or ("20110222237") or ("20100077724") or ("6668408") or ("5638573") or ("6353529") or ("20180222580") or ("5056331") or ("20070290098") or ("20180235106") or ("20120120593") or ("8272204") or ("20040139546") or ("20130070159") or ("20140131129") or ("5430607") or ("7258308") or ("6941598") or ("8305756") or ("6266243") or ("5016837") or ("9650992") or ("20190063306") or ("20150107224") or ("8453428") or ("20080209667") or ("20100087956") or ("20130286590") or ("20160207624") or ("20190335626") or ("20190135422") or ("8649174") or ("9868523") or ("20050217065") or ("7273089") or ("6912129") or ("20170022888") or ("20080043434") or ("20190390580") or ("10151236") or ("7788765") or ("20190356198") or ("9381803") or ("20070222223") or ("20170350420") or ("9951793") or ("20030062443") or ("20140185223") or ("5590024") or ("20080019093") or ("20030085319") or ("3865508") or ("4143646") or ("7660118") or ("20130020444") or ("20180334966") or ("20170345606") or ("20090103265") or ("10473037") or ("20040004162") or ("7532470")).PN. or (("5663867") or ("20050052843") or ("20110200219") or ("20070121292") or ("20020184730") or ("7427814") or ("20190054407") or ("9162260") or ("6688965") or ("9298232") or ("20050007739") or ("8870125") or ("20200025137") or ("20180051716") or ("20050113015") or ("5507453") or ("9905274") or ("6886776") or ("20140224938") or ("7649736") or ("6243261") or ("20040134024") or ("20180036585") or ("20170305478") or ("10584717") or ("20080037217") or ("20170107944") or ("8964395") or ("20190248388") or ("20080068796") or ("8675365") or ("20130075178") or				

		("20190037728") or ("6631534") or ("20070230120") or ("7852628") or ("6725500") or ("10441844") or ("20190024520") or ("9146596") or ("7447022") or ("4398683") or ("10004164") or ("3948469") or ("20090244843") or ("20140139995") or ("20140251389") or ("20180334918") or ("10390463") or ("20150220121") or ("20160090892") or ("7247089") or ("20190301486") or ("10077740") or ("6094347") or ("20110120078") or ("20090108141") or ("6212069") or ("10035224") or ("20180128161") or ("10442478") or ("20150116929") or ("10437286") or ("2974904") or ("8593809") or ("20030184961") or ("20130134265") or ("10146231") or ("8602150") or ("9999546") or ("10435046") or ("20200011567") or ("9668385") or ("20090102201") or ("6561456") or ("7878458") or ("20150208554") or ("10125671") or ("20180352676") or ("20140364048") or ("20170057621") or ("20120161596") or ("20050243511") or ("20130337735") or ("20190275366") or ("8345377") or ("20130242502") or ("20200010127") or ("4033526") or ("7508663") or ("9581071") or ("20050162831") or ("20160037687") or ("8300410") or ("9204576") or ("4160494") or ("20190190053") or ("20100012766") or ("20180373294") or ("20090160197") or ("9655284") or ("9241427") or ("9474190") or ("8360356") or ("20150359680") or ("20190196398") or ("10207812") or ("20160130973") or ("8982555") or ("6181554") or ("20190112062") or ("20190315461") or ("20190118958") or ("6111748") or ("20200023987") or ("20080104793") or ("10539985") or ("20190193864") or ("20190353081") or ("7539009") or ("6547021") or ("10012103") or ("20050280986") or ("20170031392") or ("20040201958") or ("6622649") or ("20030016495") or ("20160280324") or ("20190332822") or ("7782613") or ("9408509")).PN. or (("5505587") or ("20040257766") or ("20140092542") or ("20120014060") or ("20170284303") or ("20150074936") or ("7937945") or ("7112131") or ("6175493") or ("6980435") or ("20170181326") or ("20120228046") or ("10208676") or ("20130003284") or ("5890460") or ("7372695") or ("10189524") or ("20120155024") or ("20180348826") or ("20180044013") or ("20190047697") or ("20150184662") or ("9618009") or ("20040070942") or ("8899653") or ("20180263820") or ("8085537") or				

		("20140151139") or ("2252528") or ("20110249401") or ("5802640") or ("20160294255") or ("20110045866") or ("5748444") or ("20130070160") or ("7315448") or ("20050168945") or ("6072696") or ("20130109290") or ("6362959") or ("5992792") or ("10377480") or ("20110157744") or ("9579968") or ("7984684") or ("20170175637") or ("20140202539") or ("20150264836") or ("6438776") or ("20200097052") or ("20060023422") or ("9995221") or ("20160331198") or ("20040026563") or ("10292554") or ("20140078668") or ("5906017") or ("20120090440") or ("6407921") or ("6582292") or ("20160299545") or ("20050268612") or ("9169009") or ("9596790") or ("9844309") or ("9108725") or ("20180313698") or ("10534406") or ("20190041919") or ("9995211") or ("5836549") or ("6808140") or ("20160375986") or ("8544808") or ("8295040") or ("9206912") or ("20190135426") or ("20070129000") or ("20030109211") or ("6038128") or ("20160245152") or ("20110304976") or ("7716913") or ("20140119892") or ("8953321") or ("20090320380") or ("9371836") or ("8726773") or ("10436649") or ("9648785") or ("20190269032") or ("20070024089") or ("20180116478") or ("6717808") or ("20190223670") or ("20090237881") or ("20040253886") or ("20060243878") or ("20130044429") or ("10034411") or ("20110143644") or ("9678546") or ("20190169896") or ("20160088774") or ("6042474") or ("20160046369") or ("7247067") or ("20170176014") or ("20150369500") or ("20140160668") or ("20150110614") or ("20140027537") or ("9497891") or ("9152190") or ("9573680") or ("7878888") or ("20180334962") or ("10072859") or ("20160021790") or ("20180058327") or ("20170094835") or ("7399029") or ("4216924") or ("20090277993") or ("5531406") or ("20170176013") or ("9459669") or ("9936612") or ("9945562") or ("5694889") or ("20140209286")).PN. or (("20200024967") or ("3583660") or ("2348252") or ("5906016") or ("9879591") or ("6819563") or ("9071804") or ("20190128296") or ("9989260") or ("20050264995") or ("20180324977") or ("8205821") or ("6226180") or ("9970674") or ("20090185349") or ("9995500") or ("8210914") or ("20130120874") or ("9709069") or ("20170101884") or ("20060075954") or ("20190301399") or ("20170069923") or ("3977630") or ("20110120081") or				

		("20160157386") or ("6508211") or ("9554490") or ("20110014028") or ("20110045759") or ("20050286225") or ("20140237763") or ("20130336781") or ("20150212556") or ("9152073") or ("6857492") or ("9616995") or ("20100051753") or ("20190085706") or ("6469892") or ("9551298") or ("4709879") or ("20150260095") or ("20110232026") or ("5893408") or ("20160215999") or ("20180058472") or ("20070227708") or ("20070171613") or ("10280786") or ("8443586") or ("20030011986") or ("20140079431") or ("20170188487") or ("7862410") or ("20090227197") or ("20180325205") or ("20080141921") or ("20100139908") or ("8157001") or ("5959836") or ("9894807") or ("6724624") or ("9874176") or ("7211742") or ("20160320082") or ("9913410") or ("20140287671") or ("8833692") or ("8403736") or ("4457666") or ("20180363466") or ("8730664") or ("4000612") or ("4892269") or ("3541794") or ("20200055586") or ("20200080443") or ("20190045659") or ("20120038163") or ("4745740") or ("4044973") or ("20160201602") or ("20030091433") or ("20010050840") or ("20160272301") or ("6507493") or ("8533902") or ("10040563") or ("9970419") or ("5620153") or ("20200006794") or ("10474207") or ("7859841") or ("20160076271") or ("6241007") or ("8783336") or ("20180347828") or ("20160324037") or ("5738492") or ("20020017102") or ("20100251692") or ("10539331") or ("10133320") or ("9714082") or ("8817474") or ("4696442") or ("20130105139") or ("20130104383") or ("8797740") or ("20090219673") or ("20010010623") or ("20020150464") or ("8858308") or ("8929070") or ("20130155615") or ("6474936") or ("5598990") or ("20160003189") or ("4640344") or ("6544116") or ("20170311486") or ("9163583") or ("9458825") or ("20020031961") or ("2390859") or ("20150099451") or ("10072609") or ("20190153875") or ("6119463") or ("9388601") or ("10037062") or ("9239060")).PN. or (("10024562") or ("6371406") or ("6385043") or ("8358026") or ("20190387939") or ("20190073004") or ("20180170456") or ("20180220551") or ("10462933") or ("7734381") or ("20160357230") or ("20110069452") or ("10570751") or ("10533487") or ("6439938") or ("20080094802") or ("7874268") or ("10405454") or ("20140271192") or ("7093553") or ("10017214") or ("20180187591") or ("3026067") or ("20130264027") or ("7739984") or				

		("20200051540") or ("6958906") or ("20180328607")).PN.				
S744	353	((("SHAW") near3 ("Timothy")) OR (("NORTH") near3 ("Travis"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/31 01:34
S745	14,431	g06f1/1616,1681,1675,1641.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:38
S746	0	E05D1/05.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:38
S747	531	E05D7/04.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:38
S748	191	E05D11/10.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:39
S749	267	HAUGHTON.XA.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:48
S750	1,400	HAUGHTON.XP.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:48
S751	1,667	S749 S750	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:49
S752	10	S751 AND MOPHIE	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:49
S753	85	(("20190317564") or ("20140347000") or ("9652002") or ("20170300093") or ("9965002") or ("7251127") or ("9256258") or ("20040169995") or ("20130235521") or ("20040233620") or ("6944012") or ("20030223185") or ("6788527") or ("20140207924") or ("20120166676") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:51

		("8682962") or ("9379942") or ("20130271373") or ("20190258291") or ("6775129") or ("9405333") or ("8988354") or ("20030221876") or ("20130229393") or ("20050213297") or ("6157958") or ("8446359") or ("20040160735") or ("20120281356") or ("20150277492") or ("20150036275") or ("8896580") or ("20180224891") or ("9836084") or ("10353431") or ("20160231789") or ("20160062443") or ("20160066126") or ("9158336") or ("20010022719") or ("9507558") or ("20170316683") or ("20120087078") or ("6282082") or ("7025274") or ("8711552") or ("20030222149") or ("20140312827") or ("20030222848") or ("9620976") or ("7542052") or ("20120166521") or ("20160305797") or ("9927902") or ("9367149") or ("20160209890") or ("20190345741") or ("20140327630") or ("20120162058") or ("9477272") or ("20110222238") or ("9002925") or ("20180240329") or ("20140300586") or ("20140285962") or ("8749963") or ("10242562") or ("10069191") or ("20180169327") or ("20090187677") or ("20040039862") or ("9417894") or ("7952569") or ("20150025375") or ("8907986") or ("20200061456") or ("20090244009") or ("20170337025") or ("10488837") or ("20120236485") or ("20170235416") or ("8208245") or ("20160274682") or ("8947861") or ("9895484")).PN.				
S754	5	(("20190317564") or ("20140347000") or ("9652002") or ("20170300093") or ("9965002")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:52
S755	18,123	H02J7/342,025.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:54
S756	7,149	F16M11/041,105,2021,38.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:54
S757	20,808	G06F1/1632,1626.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:54
S758	405	("20020147035" | "20030096642" | "20030218445" | "20040097256" | "20050090301" | "20050231159" | "20050248312" | "20060058073" | "20060099999" | "20070152633" | "20070167190" | "20070236180"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 01:55

		| "20080007214" | "20080096620" | "20080108395" | "20080123287" | "20080132289" | "5368159" | "5586002" | "5604050" | "5610979" | "5708707" | "5711013" | "5864766" | "6043626" | "6184654" | "6317313" | "6324380" | "6538413" | "6555990" | "6614722" | "6992461" | "7166987" | "7400917" | "7428427" | "7479759" | "D372896" | "D392248" | "D392939" | "D400495" | "D460411" | "D547056" | "D547057" | "D556681" | "D558972" | "D558973" | "D561092" | "D575056" | "D581151" | "D582149" | "D587896").PN. OR ("7612997").URPN.				
S759	121	((("HAMANN") near3 ("Dennis")) OR (("ROBSON") near3 ("Chris")) OR (("BODNAR") near3 ("Eric"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/31 02:00
S773	1	"8570273".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:31
S774	20,808	G06F1/1632,1626.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:32
S775	7,859	G06F1/16,1637.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:32
S776	2,969	g06f3/014.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:32
S777	6,372	A63F13/24,23,25,30.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:32
S778	0	361/679.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:32
S779	7,576	361/679.01-679.03.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 02:33

S780	214	((("BRISTOL") near3 ("Peter")) OR (("CHEN") near3 ("Yi-Yaun")) OR (("TOMPKINS") near3 ("Glen"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/03/31 02:33
S781	1	("6141214").PN.	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:41
S782	767	h05k7/20709,20718.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:46
S783	896	h05k7/20009,20127.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:47
S784	182	S782 and (inlet and outlet)	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:47
S785	246	S783 and (inlet and outlet)	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:47
S786	143	S784 and (heat near (dissipat$3 or exchang$3))	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:48
S787	173	S785 and (heat near (dissipat$3 or exchang$3))	US-PGPUB; USPAT	OR	OFF	2020/03/31 12:48
S788	971	h05k7/20536,20545,20563,20554,20618.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:02
S789	229	S788 and (inlet and outlet)	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:02
S790	124	S789 and (heat near (dissipat$3 or exchang$3))	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:02
S791	67	S790 and (duct$1 or ductwork$1 or plenum$1)	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:03
S792	72	S790 and (duct$1 or ductwork$1 or plenum$1 or baffle$1 or baffel$1)	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:03
S793	13	(("20200073449") or ("20090014160") or ("9033028") or ("7740054") or ("20110056659") or ("20080087407") or ("20140290908") or	US-PGPUB;	OR	OFF	2020/03/31 13:05

		("20070091566") or ("20050135048") or ("20180231878") or ("9121409") or ("20110096497") or ("7948754")).PN.	USPAT; USOCR			
S794	5	S792 not S791	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:35
S795	52	S790 not S792	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:35
S796	267	haughton.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:35
S797	1,400	haughton.xp.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:35
S798	1,667	S796 S797	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:35
S799	474	S798 and (heat near (dissipat$3 or exchang$3))	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:35
S800	144	S799 and (inlet and outlet)	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:36
S801	55	S800 and (duct$1 or ductwork$1 or plenum$1 or baffle$1 or baffel$1)	US-PGPUB; USPAT	OR	OFF	2020/03/31 13:36
S802	33	("20050145366" | "20060120035" | "20060171123" | "20060198105" | "20060215363" | "20070035925" | "20070047200" | "20070171614" | "20070230118" | "20080068800" | "20080106864" | "20080151501" | "20080218969" | "20090034171" | "20090097203" | "20090116188" | "20090154104" | "20090262497" | "20090310301" | "20100033687" | "20100172098" | "20100254086" | "20100302727" | "20110058330" | "20110080701" | "20110116230" | "20120002371" | "20120050991" | "20130141867" | "20130188309" | "20130242542" | "20140076521" | "7382616").PN. OR ("9643233").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 13:44
S803	1	"20080158814"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:04

S804	23	("7256992" | "6036360" | "7215552" | "20060120038" | "5684674" | "6278608" | "6449150" | "7247069" | "4730233" | "7154748" | "5210680" | "5528455" | "6768651" | "6912131" | "7075788" | "7079387" | "7508663" | "6330155" | "7152418" | "4739444" | "6047836" | "6272012" | "6522541").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:05
S805	25	("4356531" | "4502099" | "4672509" | "4899254" | "4902239" | "5101320" | "5210680" | "5416427" | "5914858" | "6047836").PN. OR ("6278608").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:20
S806	42	("4672509" | "5034852" | "5528455" | "5544012" | "5684674" | "5892654" | "5928076" | "5943219" | "6052282" | "6163454" | "6211458" | "6297950" | "6330156").PN. OR ("6449150").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:21
S807	66	S805 S806	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:24
S808	53	("6053808" | "6075698" | "6081425" | "6088223" | "6104003" | "6244953" | "6297958" | "6449150" | "6867966" | "6876549" | "6932443" | "7048498").PN. OR ("7209351").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:31
S809	28	("20020006026" | "20030235042" | "20040130868" | "20050048805" | "20050219833" | "20060206647" | "20060223343" | "20060280196" | "20070121306" | "20070242423" | "20080037218" | "5751549" | "6166917" | "6189133" | "6195262" | "6283778" | "6762939" | "6906914" | "6910267" | "6935868" | "6983385" | "7042734" | "7062578" | "7167380" | "7209351" | "7486526").PN. OR ("8164906").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:43
S810	28	("20020006026" | "20030235042" | "20040130868" | "20050048805" | "20050219833" | "20060206647" | "20060223343" | "20060280196" | "20070121306" | "20070242423" | "20080037218" | "5751549" | "6166917" | "6189133" | "6195262" | "6283778" | "6762939" | "6906914" | "6910267" | "6935868" | "6983385" | "7042734" | "7062578" | "7167380" | "7209351" | "7486526").PN. OR ("8164906").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:46
S811	2	"20080037218"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:51
S812	114	("20030130969" | "20030152074" | "20030182483" | "20040073834" | "20040264145" | "20050141207" | "20050280986" | "20050281014" | "20060002098" | "20060023384" | "20060036793" | "20060044756" | "20060114923" | "20060221559" | "20060221581" | "20070038732" | "20070121306" | "20070217172"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/03/31 14:55

		| "20070255430" | "20080062667" | "20090097200" | "3868158" | "3874444" | "4126269" | "4187058" | "4453785" | "5031070" | "5136464" | "5268637" | "5409419" | "5412534" | "5528454" | "5557506" | "5680294" | "5751549" | "5949646" | "5982634" | "6166917" | "6181570" | "6253266" | "6320760" | "6370605" | "6456498" | "6466449" | "6496376" | "6504717" | "6522539" | "6661673" | "6693901" | "6694392" | "6704196" | "6708372" | "6795314" | "6805560" | "6900387" | "6934786" | "6935868" | "6944020" | "6968958" | "6985967" | "7013352" | "7083422" | "7099160" | "7101188" | "7120739" | "7159062" | "7172432" | "7200003" | "7239509" | "7259961" | "7293090" | "7324348" | "7370223" | "7388757" | "7509375" | "7516263" | "7603580").PN. OR ("7821790").URPN.				
S813	4	"20150220109"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/09 17:13
S814	1	("20160352149").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/10 13:18
S815	1	"8333355".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/10 15:36
S816	3	("20060238967" | "7438269" | "8333355").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/10 15:46
S817	4	("20150268697" | "20150049428" | "20150378397" | "9321679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:46
S818	45	"20180364759" "10545537" "20170047351" "10599321" "20190165332" "20180160552" "20190101784" "20170373281" "20190143638" "20180062093" "9865844" "10431754" "20200029423" "20190273212" "20170038641" "20190036048" "10476013" "10462896" "20120262660" "20150310776" "10529947" "20200052231" "9864409" "20170033311" "20170155087" "20160183399" "10135024" "9295168"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:47
S819	28	(("20180364759") or ("10545537") or ("20170047351") or ("10599321") or ("20190165332") or ("20180160552") or ("20190101784") or ("20170373281") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:47

		("20190143638") or ("20180062093") or ("9865844") or ("10431754") or ("20200029423") or ("20190273212") or ("20170038641") or ("20190036048") or ("10476013") or ("10462896") or ("20120262660") or ("20150310776") or ("10529947") or ("20200052231") or ("9864409") or ("20170033311") or ("20170155087") or ("20160183399") or ("10135024") or ("9295168")).PN.				
S820	3,387	361/679.21-679.3, "679.55", "679"."."56".CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:57
S821	7,822	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:57
S822	33,611	G06F1/1652,1616,16,1601,1626.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 01:57
S823	67	((("AHN") near3 ("Sung-Ho")) OR (("WOO") near3 ("Sung-Gwan")) OR (("KWAK") near3 ("Ki-Ju"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/13 01:57
S824	2	"20090247237"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:21
S825	2	("20020056142" | "20060046792").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:25
S826	7	("20060087835" | "20080316115" | "5383098" | "6171138" | "6219230" | "6842633" | "9001047").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:25
S827	7	("20020022979" | "20030160754" | "20070120878" | "6160701" | "6796625" | "6835923" | "7688315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:25
S828	7	("20020082079" | "20020132521" | "20080037771" | "20080261109" | "20090033562" | "7292290" | "8060168").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:26

S829	23	S825 S826 S827 S828	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:26
S830	4	S829 AND GLASS	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:26
S831	1	("20130134274").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:46
S832	0	"2015212725"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:48
S833	1	"20150212725"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:48
S834	16	("20030038567" | "20130329394" | "6612668" | "8817457" | "9128664" | "20090154094" | "6829140" | "20100067201" | "20100174993" | "20040056843" | "20130308263" | "20120106078" | "20060264118" | "6845005" | "8837131" | "20080271288" | "20130308263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:51
S835	58	(("20150124389") or ("20140029187") or ("8891231") or ("9519309") or ("20170139439") or ("10599179") or ("20140184904") or ("9253379") or ("20180113493") or ("10040153") or ("20150125227") or ("9995070") or ("20180058120") or ("20170101256") or ("9465413") or ("10167134") or ("20140160653") or ("20190100375") or ("9785197") or ("8749965") or ("20150127135") or ("8619415") or ("20180046225") or ("8995125") or ("10407957") or ("20050128676") or ("7433181") or ("10108223") or ("8971026") or ("20140016257") or ("10067537") or ("20150153769") or ("20140043744") or ("20150169007") or ("20170305638") or ("10526130") or ("20150362957") or ("9348372") or ("20100193397") or ("10185354") or ("20190093402") or ("20180074545") or ("9372513") or ("9423895") or ("20130321288") or ("20190317574") or ("20050122671") or ("20090181733") or ("20100326999") or ("20200019217") or ("20190317578") or ("20190317576") or ("10579113") or ("20190317572") or ("10401926") or ("10000954") or ("10041282") or ("20160130849")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:57

S836	2	"20140160653"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 02:59
S837	36	("1468566" | "20020110238" | "20030213683" | "20040080899" | "20050068719" | "20050174338" | "20090195507" | "20100321872" | "20110260978" | "20120012448" | "20120068933" | "20120295236" | "20130222254" | "5490037" | "5543787" | "5598469" | "5610602" | "5625532" | "5768093" | "5774384" | "5808861" | "6056457" | "6064564" | "6314274" | "6604877" | "6729783" | "6940490" | "7149079" | "7182533" | "7741570" | "8092107" | "8100594" | "8162552" | "8238084" | "8699214").PN. OR ("9465413").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:00
S838	1	"20130308263"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:02
S839	3	("2013/0308263").URPN.	USPAT	OR	OFF	2020/04/13 03:02
S840	2	("6154359" | "6612668").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:03
S841	2	"20120106078"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:06
S842	77	("0676449" | "20010040559" | "20020159226" | "20030112585" | "20030112590" | "20030198008" | "20040114315" | "20040159762" | "20040160735" | "20040169995" | "20040195305" | "20040212954" | "20040232302" | "20050052831" | "20050122671" | "20050155182" | "20050168925" | "20050200608" | "20050236869" | "20060007645" | "20060044288" | "20060256511" | "20060264243" | "20070091553" | "20070097087" | "20070203963" | "20080084396" | "20080225471" | "20090000062" | "20090056073" | "20100172081" | "20100195279" | "20110199727" | "20110222238" | "20110267757" | "20120106060" | "20120106061" | "20120106062" | "20120106078" | "4259568" | "5375076" | "5383138" | "5594619" | "5666694" | "5737183" | "5847698" | "5987704" | "6219230" | "6253419" | "6304433" | "6493216" | "6498718" | "6771494" | "7042712" | "7318521" | "7484271" | "7502225" | "7540675" | "7730587" | "8139357" | "D611045" | "D620001" | "D637596" | "D652831" | "D659139").PN. OR ("8467179").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:06

S843	1	"20030112590"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:08
S844	73	("20030231466" | "20050213302" | "20060192070" | "20060243878" | "20070258206" | "20080174947" | "20080192424" | "20080251680" | "20080265109" | "20090178938" | "20090179131" | "20090179132" | "5141196" | "5375800" | "5503361" | "5552960" | "5633782" | "5818690" | "5831823" | "6016248" | "6076787" | "6098952" | "6239971" | "6256193" | "6279861" | "6437978" | "6474614" | "6498719" | "6527241" | "6529377" | "6568650" | "6654237" | "6682040" | "6825415" | "7001088" | "7035100" | "7161799" | "7173819" | "7207540" | "7280355" | "7324340" | "7417853" | "7532463" | "7784752" | "D513008").PN. OR ("8139357").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:09
S845	264	("4617640" | "4883376" | "4903221" | "5100098" | "5103376" | "5200913" | "5224060" | "5255214").PN. OR ("5375076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:16
S846	12	("20040264118" | "20110002096" | "20140160654" | "5375076" | "6301098" | "6612668" | "7136282" | "7948753" | "8264599" | "8284549" | "8792947" | "8941979").PN. OR ("9535464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:17
S847	20	("20100165553" | "4951241" | "5235495" | "5293300" | "5351508" | "5375076" | "5642258" | "5721668" | "7206198" | "7342778" | "7492581" | "7576981" | "7612998").PN. OR ("7948753").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:20
S848	21	("20100118481" | "20110164377" | "5901035" | "6097592" | "6473296" | "6961240" | "7679905" | "7821786" | "7855883" | "7948753").PN. OR ("8320123").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:22
S849	2	"20100118481"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:28
S850	7	("20100122432" | "20100127137" | "7117009" | "7495898").PN. OR ("7813122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:28
S851	26	("5347424" | "5469327" | "5737183" | "5828552" | "6053589" | "6097592" | "6097595" | "6181554" | "6282084" | "6414842" | "6473296").PN. OR ("6961240").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:33
S852	26	("4984706" | "6175488" | "6233138" | "6262885" | "6310768").PN. OR ("6473296").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:34

S853	1,415	g06f1/166.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:41
S854	0	S853 and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:42
S855	318	S853 and usb	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:42
S856	80	S855 and antenna	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:42
S857	85	S855 and antenna$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:42
S858	54	S857 and hing$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S859	2,469	g06f1/1662.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S860	11,447	g06f1/1616.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S861	4,698	g06f1/1637.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S862	0	S859 and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S863	4	S860 and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S864	1	S861 and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43

S865	4	S863 S864	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:43
S866	16	("20030038567" | "20130329394" | "6612668" | "8817457" | "9128664" | "20090154094" | "6829140" | "20100067201" | "20100174993" | "20040056843" | "20130308263" | "20120106078" | "20060264118" | "6845005" | "8837131" | "20080271288" | "20130308263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:48
S867	30	("8823652" | "20120026095" | "D694748" | "20060112517" | "6519139" | "20120030930" | "5548478" | "6091600" | "6816365" | "7694390" | "20020126446" | "6067224" | "20050041378" | "7393115" | "7743999" | "D488807" | "20090237878" | "20120176741" | "D425874" | "D631472" | "20080273297" | "D516552" | "20100190516" | "D615539" | "20140029187" | "6785128" | "8081438" | "8891231" | "D616883" | "20080285216").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:48
S868	14	("5548478" | "8081438" | "D615539" | "D616883" | "20050041378" | "20120176741" | "6785128" | "D631472" | "7393115" | "6091600" | "6816365" | "20120030930" | "D425874" | "20100190516" | "6785128").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:49
S869	46	S866 S867 S868	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:49
S870	0	S869 and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:50
S871	40	(laptop or (lap near top) or (portable near computer) or (notebook near computer)) and (USB near3 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:51
S872	26	(laptop or (lap near top) or (portable near computer) or (notebook near computer)) and (USB near2 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:51
S873	14	S871 not S872	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:54
S874	64	(laptop or (lap near top) or (portable near computer) or (notebook near computer)) and (USB near4 hing$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:56

S875	24	S874 not S871	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 03:56
S876	7	(("20120106078") or ("5375076") or ("8320123") or ("20100118481") or ("8391000") or ("6961240") or ("6473296")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 04:01
S878	7	(("20120106078") or ("5375076") or ("8320123") or ("20100118481") or ("8391000") or ("6961240") or ("6473296")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 04:18
S879	1	S878 and antenna$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 04:18
S880	5	("20100103614" | "20130106265" | "20140202678" | "20160366792" | "20170049009").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 04:45
S881	33,611	g06f1/1652,1616,16,1601,1626.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 10:28
S882	7,822	361/679.21-679.3,679.55,679.56.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 10:29
S883	67	((("AHN") near3 ("Sung-Ho")) OR (("WOO") near3 ("Sung-Gwan")) OR (("KWAK") near3 ("Ki-Ju"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/13 10:37
S884	6	(("9874908") or ("8988876") or ("20170069299") or ("20100321275") or ("7991442") or ("20160187935")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 10:48
S885	418	((("QUINN") near3 ("Liam")) OR (("ROBINETTE") near3 ("Christopher")) OR (("KNOPPERT") near3 ("Michiel"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/13 11:01

S886	16	(("20200042048") or ("20200042045") or ("10254803") or ("10082838") or ("20190033925") or ("10429903") or ("10120421") or ("20190018459") or ("20180253124") or ("10101774") or ("7239504") or ("10296053") or ("20070201199") or ("10503215") or ("7602606") or ("20070201200")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 11:02
S887	33	(("20200042048") or ("20190227598") or ("20190166703") or ("20190018459") or ("10120421") or ("10429903") or ("20190033925") or ("10082838") or ("9348450") or ("20120149438") or ("20110050541") or ("20180275725") or ("20180324964") or ("10274997") or ("9848502") or ("10290240") or ("20170347466") or ("8374658") or ("20110263304") or ("20190380218") or ("10433438") or ("20180077810") or ("20180270971") or ("9992888") or ("20190212786") or ("20200015370") or ("9400523") or ("20150346770") or ("20130163158") or ("20130169564") or ("9069457") or ("10274996") or ("20180210512")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 11:03
S888	27	S887 NOT S886	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 11:04
S889	0	S888 and (hing$4 near2 sensor$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:04
S890	10	S886 and (hing$4 near2 sensor$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:04
S891	6	S887 and (hing$4 near2 sensor$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:04
S892	13	(("20200042048") or ("20200042045") or ("10254803") or ("10296053") or ("10503215") or ("20200064892") or ("10592051") or ("20200042047") or ("20200042046") or ("10296052") or ("10503207") or ("20180253124") or ("10101774")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:06
S893	4,492	g06f1/1652.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:07

S894	83	S893 and (hing$4 near2 sensor$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:08
S895	64	S894 and (UI or (user near interface))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:08
S896	2	"20170102738"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 12:32
S897	2,334	h05k7/14,16,17,1427.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:02
S898	8,126	G02F1/133308.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:03
S899	0	"679"".21-679.""3,679"".""55,679"".""56,679"".""01,679".S882.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:03
S900	14,398	361/679.21-679.3,679.55,679.56,679.01,679.02.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:04
S901	193	((("IN") near3 ("Woo") near3 ("Sung")) OR (("PARK") near3 ("Doo") near3 ("Soon")) OR (("LEE") near3 ("Woong") near3 ("Hee")) OR (("LEE") near3 ("Jeong") near3 ("Roh")) OR (("JUNG") near3 ("Sung") near3 ("Soo"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/13 13:24
S902	193	((("IN") near3 ("Woo") near3 ("Sung")) OR (("PARK") near3 ("Doo") near3 ("Soon")) OR (("LEE") near3 ("Woong") near3 ("Hee")) OR (("LEE") near3 ("Jeong") near3 ("Roh")) OR (("JUNG") near3 ("Sung") near3 ("Soo"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/13 13:25
S903	136	(("20130170115") or ("9398711") or ("20160291392") or ("10539817") or ("20190056606") or ("10151938") or ("20190155061") or ("20130170116") or ("20190361287") or ("20170192289") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:26

		("20190094603") or ("10437090") or ("20180113353") or ("10261353") or ("9690129") or ("20170192290") or ("20140139771") or ("10338423") or ("10534230") or ("20190018274") or ("20160179257") or ("20170248815") or ("9804430") or ("20150168767") or ("20190377447") or ("20120262855") or ("20120262907") or ("8876358") or ("20150237746") or ("20180210279") or ("20160062034") or ("10424749") or ("10201101") or ("9033533") or ("20180351117") or ("20160181346") or ("10268065") or ("20170131587") or ("20190113797") or ("9780157") or ("10168562") or ("20190317629") or ("20130293804") or ("8970805") or ("20190204867") or ("10108036") or ("20160270269") or ("9999152") or ("20160095205") or ("20170118859") or ("20170301878") or ("20180031898") or ("9699943") or ("10036909") or ("20170344053") or ("10283736") or ("20160093685") or ("20170237027") or ("20170194411") or ("20160190522") or ("9287329") or ("20190018275") or ("20180062094") or ("10038154") or ("9673423") or ("9425418") or ("20160336523") or ("20120327325") or ("10133101") or ("8717513") or ("20180139838") or ("20190132963") or ("10411205") or ("20170184910") or ("10206276") or ("10527877") or ("10582621") or ("9442585") or ("9812659") or ("20160306480") or ("20180263124") or ("20170181295") or ("20110310543") or ("20170289324") or ("20180219165") or ("20160268546") or ("10101837") or ("8736801") or ("9980397") or ("20160183399") or ("10418572") or ("20180090713") or ("20130170156") or ("9847506") or ("20160172623") or ("20180188849") or ("9793334") or ("9661764") or ("10171636") or ("9379355") or ("20120281383") or ("20180173036") or ("10551656") or ("20190325188") or ("10505147") or ("20060077544") or ("20190137820") or ("20140043560") or ("20180356672") or ("10578917") or ("9618781") or ("10222649") or ("9784907") or ("8792252") or ("20180149922") or ("20160374191") or ("20170278899") or ("20160103649") or ("20160018589") or ("10488689") or ("9894755") or ("20150156897") or ("20160172428") or ("20190214435") or ("10347700") or ("10133531") or ("20160240602") or ("20190102136")).PN. or (("20160093644") or ("8851695") or ("20170323934") or ("20160363804") or ("20180283676") or				

		("9748322") or ("20170179423") or ("10012377")).PN.				
S904	115	"20150124389" "20140029187" "8891231" "9519309" "20170139439" "10599179" "20140184904" "9253379" "20180113493" "10040153" "20150125227" "9995070" "20180058120" "20170101256" "9465413" "10167134" "20140160653" "20190100375" "9785197" "8749965" "20150127135" "8619415" "20180046225" "8995125" "10407957" "20050128676" "7433181" "10108223" "8971026" "20140016257" "10067537" "20150153769" "20140043744" "20150169007" "20170305638" "10526130" "20150362957" "9348372" "20100193397" "10185354" "20190093402" "20180074545" "9372513" "9423895" "20130321288" "20190317574" "20050122671" "20090181733" "20100326999" "20200019217" "20190317578" "20190317576" "10579113" "20190317572" "10401926" "10000954" "10041282" "20160130849"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:34
S905	58	(("20150124389") or ("20140029187") or ("8891231") or ("9519309") or ("20170139439") or ("10599179") or ("20140184904") or ("9253379") or ("20180113493") or ("10040153") or ("20150125227") or ("9995070") or ("20180058120") or ("20170101256") or ("9465413") or ("10167134") or ("20140160653") or ("20190100375") or ("9785197") or ("8749965") or ("20150127135") or ("8619415") or ("20180046225") or ("8995125") or ("10407957") or ("20050128676") or ("7433181") or ("10108223") or ("8971026") or ("20140016257") or ("10067537") or ("20150153769") or ("20140043744") or ("20150169007") or ("20170305638") or ("10526130") or ("20150362957") or ("9348372") or ("20100193397") or ("10185354") or ("20190093402") or ("20180074545") or ("9372513") or ("9423895") or ("20130321288") or ("20190317574") or ("20050122671") or ("20090181733") or ("20100326999") or ("20200019217") or ("20190317578") or ("20190317576") or ("10579113") or ("20190317572") or ("10401926") or ("10000954") or ("10041282") or ("20160130849")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:34
S906	71	((("OKULEY") near3 ("James")) OR (("JENSEN") near3 ("Kimi"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	2020/04/13 13:37

			DERWENT			
S907	2	(("6961240") or ("6473296")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:39
S908	21,033	g06f1/1664,1667,1616,1637,166,1662,1681,169.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:40
S909	7,822	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 13:40
S910	2	"20130106265"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 14:25
S911	2	"20100103614"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 14:26
S912	4	S910 S911	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/13 14:26
S916	2	(("20090009945") or ("20160003270") or ("201380942087")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/14 11:03
S917	2	(("20090009945") or ("20160003270") or ("20130942087")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/14 11:04
S918	3	(("20090009945") or ("20160003270") or ("20130342087")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/14 11:06
S919	5	("20070119693" | "20110267285" | "20120092263" | "20150192960" | "20160049266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/14 13:01
S920	2	"20130010405"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/17 19:08

S921	1	"20140132854"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/17 19:08
S922	3	S920 S921	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/17 19:08
S923	7	("20100046155" | "20120039058" | "20140218855" | "5400213" | "5430608" | "5444601" | "5448446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:19
S924	2	"20120039058"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:24
S925	9	("20070293005" | "20090267266" | "20090278282" | "20090315788" | "20090323266" | "20100067205" | "20100073897" | "7630199").PN. OR ("8675373").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:25
S926	5	S925 and screw$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:27
S927	5	S925 and screw$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:27
S928	2	"20070293005"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:34
S929	10	("20060045495" | "5174520" | "7019225").PN. OR ("7630199").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:34
S930	8	S929 and screw$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:35
S931	1	"6352302".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:47
S932	1	"6302352".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:47

S933	37,155	white.inv.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:47
S934	309	S933 and rugged	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:48
S935	381	S933 and rugged$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:48
S936	49	S933 and ruggedized	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:48
S937	598	("5002368" | "5150231" | "5228013" | "5299038" | "5363227" | "5479285" | "5486942" | "5550712" | "5568357" | "5583529" | "5583681" | "5606438" | "5659376" | "5710607" | "5808707" | "5831816" | "5844772" | "5870160" | "5905550" | "5946062" | "6052279" | "6055029" | "6061231" | "6151207" | "6172732").PN. OR ("6532152").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:50
S938	0	S937 and (metal$1 and rein$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:51
S939	76	S937 and (metal$1 and resin$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 02:51
S940	2	"20120039058"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:00
S941	2	"20070293005"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:00
S942	4	S940 S941	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:00
S943	1	("20070095471").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:16

S944	10	("20030116843" | "5432677" | "6538210" | "20030060172" | "7217888" | "20050017347" | "20060021791" | "6239980" | "5306670" | "20050048759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:20
S945	1,755	h05k7/20254,20436,20263.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:23
S946	613	h05k7/20436.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:23
S947	230	S946 and liquid	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:23
S948	2	S947 and (blind near hole$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:24
S949	154	S947 and (fin$1 or protrusion$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:25
S950	2	"20150342092"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:33
S951	25	("20050133210" | "20060231236" | "20070263361" | "20090114372" | "20100136404" | "20110067841" | "20120201036" | "20120305283" | "20130044434" | "20140090809" | "20140091453" | "3524497" | "4872089" | "5400854" | "6039114" | "6144092" | "6283778" | "6508301" | "6882041" | "7149086" | "7173823" | "7855888" | "7977821" | "8081462").PN. OR ("10178805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:34
S952	50	("3524497" | "4151548" | "4450472" | "4467860" | "4541004" | "4884630" | "5239200").PN. OR ("6039114").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 03:43
S953	1	"20190361503"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 11:02
S954	176	(("20190361503") or ("20190074615") or ("10418070") or ("20120257342") or ("20120329312") or ("8767396") or ("20120081876") or ("8730667") or ("8485842") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 11:03

		("20160073517") or ("20140368998") or ("20050115732") or ("20150029337") or ("9351422") or ("8929058") or ("9674410") or ("20060030213") or ("20080174714") or ("20160141701") or ("7565984") or ("20190141279") or ("20140146452") or ("20100226082") or ("7104810") or ("7724318") or ("9905879") or ("20130003267") or ("8125773") or ("20200106321") or ("20110089831") or ("20150364840") or ("20150216083") or ("20110151707") or ("20180014418") or ("20150128687") or ("8047688") or ("9414508") or ("10244645") or ("20120044684") or ("20120039058") or ("9407017") or ("20170077587") or ("10136555") or ("10218933") or ("7959470") or ("20140152177") or ("9835523") or ("20070186788") or ("8439527") or ("20180339717") or ("20060030173") or ("8675373") or ("20160066450") or ("20170352495") or ("9137478") or ("10186748") or ("20160345448") or ("20160242290") or ("20080186692") or ("20130021532") or ("20110285926") or ("9699919") or ("7074053") or ("20180106449") or ("20190380226") or ("8981636") or ("7965517") or ("20120184152") or ("20180213658") or ("20140103794") or ("20080318447") or ("20050185386") or ("9091398") or ("20070101347") or ("20040050572") or ("20180040352") or ("20150125724") or ("20180192526") or ("20190228807") or ("10251285") or ("20120204199") or ("7805737") or ("20130135972") or ("9412981") or ("7535721") or ("9886985") or ("20110250801") or ("20130100596") or ("20190299387") or ("20150034039") or ("20180239733") or ("20120052747") or ("20050202702") or ("20050215099") or ("20110267551") or ("20010019377") or ("20180343737") or ("10417163") or ("20170343030") or ("8819710") or ("8517753") or ("10225927") or ("20180342833") or ("10244642") or ("10410682") or ("9222424") or ("20180003299") or ("6741299") or ("8698964") or ("20040212756") or ("8182278") or ("7027111") or ("20140071640") or ("20140227908") or ("9175620") or ("7651345") or ("9084340") or ("6989490") or ("10520003") or ("7208681") or ("20050191886") or ("8272891") or ("6833504") or ("20190115051") or ("20040212755") or ("9197002") or ("10355400") or ("20060164567") or ("20150380180") or ("6972373")).PN. or (("20050186818") or ("20030188883") or ("7012193") or ("10487941") or ("10443721") or				

		("6903273") or ("20120052734") or ("20050217884") or ("20150048193") or ("20120322516") or ("9924607") or ("20150129401") or ("20180106944") or ("20190300262") or ("7154571") or ("10271419") or ("20180035530") or ("20060125974") or ("20150305181") or ("20110096524") or ("7002645") or ("8272887") or ("9760120") or ("20150264829") or ("20090065232") or ("20130322049") or ("9412529") or ("8982547") or ("20180087993") or ("20150340058") or ("6002437") or ("20110103033") or ("20110216487") or ("20170072533") or ("20120322319") or ("20110069444") or ("9363988") or ("20160088759") or ("20120184125") or ("7142266") or ("20180316123") or ("8422247") or ("6984786") or ("20180006524") or ("20060005985") or ("20090014194")).PN.				
S955	1,663	((("KURIYAMA") near3 ("Futoshi")) OR (("YONEZAWA") near3 ("Ryo")) OR (("MORI") near3 ("Takeshi")) OR (("URIMOTO") near3 ("Tetsuya"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/27 11:04
S956	7,697	G06F1/1654,1679,1681.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 11:05
S957	5,878	H05K5/0017,0086,0226.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 11:05
S958	1	"10627858".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 11:14
S959	22,320	G06F1/1656,1637,1616,1662,1613,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:19
S960	1,027	H05K5/04,00173.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:19
S961	5,132	H05K5/04,0017.CPC.	US-PGPUB;	OR	OFF	2020/04/27 12:19

			USPAT; USOCR			
S962	1,027	H05K5/04.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:19
S963	205	((("LIN") near3 ("San-Feng")) OR (("CHEN") near3 ("Yen-Yu"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/27 12:20
S964	72	((("SULLIVAN") near3 ("Jason"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/27 12:20
S965	73	((("KIM") near3 ("Hoyoung")) OR (("KIM") near3 ("Kyeongdong")) OR (("KIM") near3 ("Byunghee"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/27 12:20
S966	3,832	((("WANG") near3 ("Erik")) OR (("HOBSON") near3 ("Phillip")) OR (("JENKS") near3 ("Kenneth")) OR (("MITTLEMAN") near3 ("Adam")) OR (("ANDRE") near3 ("Bartley")) OR (("COSTER") near3 ("Daniel")) OR (("DE") near3 ("IULIIS") near3 ("Daniele")) OR (("HOWARTH") near3 ("Richard")) OR (("IVE") near3 ("Jonathan")) OR (("JOBS") near3 ("Steven")) OR (("KERR") near3 ("Duncan")) OR (("NISHIBORI") near3 ("Shin")) OR (("ROHRBACH") near3 ("Matthew")) OR (("SATZGER") near3 ("Douglas")) OR (("SEID") near3 ("Calvin")) OR (("STRINGER") near3 ("Christopher")) OR (("WHANG") near3 ("Eugene")) OR (("ZORKENDORFER") near3 ("Rico"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/04/27 12:21
S967	1	"20180239395"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:22

S968	613	(("20180239395") or ("20160204530") or ("9825381") or ("20150087163") or ("9093766") or ("20180341296") or ("20130078831") or ("20090321128") or ("8083545") or ("7142265") or ("20040246399") or ("20150244111") or ("20160261056") or ("9601876") or ("9451699") or ("20140029216") or ("20140017542") or ("7597580") or ("9917405") or ("20090279238") or ("8020969") or ("20080316275") or ("8027156") or ("20100225705") or ("20080084674") or ("7832840") or ("6537083") or ("20080291246") or ("20170346238") or ("20170346237") or ("8091982") or ("20080246811") or ("20140204524") or ("20130029071") or ("20080186357") or ("9972946") or ("7726779") or ("20190287892") or ("9585272") or ("8409678") or ("10381784") or ("20150220115") or ("20190117926") or ("20190044452") or ("20140017541") or ("20090005132") or ("20060061008") or ("20150207906") or ("20160233620") or ("8989823") or ("20130286295") or ("9374445") or ("20170075440") or ("20190283673") or ("10466563") or ("20160192517") or ("9270923") or ("9104066") or ("20170205679") or ("20200064704") or ("10556542") or ("9703401") or ("10168743") or ("20090268120") or ("8186741") or ("20130250205") or ("20100213736") or ("7942678") or ("9698540") or ("20170302035") or ("20140017521") or ("20110028041") or ("8558962") or ("20110187958") or ("9287591") or ("20190092238") or ("20170232899") or ("20140313563") or ("10308180") or ("10320125") or ("9274373") or ("20160164147") or ("9174578") or ("20140267732") or ("20100309619") or ("20190092240") or ("20110058117") or ("20160187714") or ("7301776") or ("20150329050") or ("20190074677") or ("9730370") or ("8629953") or ("8976247") or ("7524021") or ("8896700") or ("10124732") or ("20150077565") or ("20070146397") or ("20070070119") or ("20160375830") or ("20180351273") or ("20060238569") or ("20050095922") or ("7517049") or ("9796331") or ("6913493") or ("9637055") or ("20170346236") or ("20140342599") or ("20160059782") or ("20160192515") or ("20090195611") or ("20100026149") or ("10320170") or ("20080252699") or ("9440586") or ("7404621") or ("7108353") or ("8066352") or ("20190071018") or ("20050157050") or ("20050157055") or ("7758164") or ("7156489") or ("10589684") or ("20180056871") or ("20060238779") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:23

		("5122069") or ("10144353")).PN. or (("20190227406") or ("20190227199") or ("10630008") or ("20150116810") or ("20190227200") or ("7429095") or ("20080100668") or ("7645005") or ("20180156493") or ("8628340") or ("20080297565") or ("7901043") or ("20020166299") or ("20200032571") or ("20070257964") or ("20150179072") or ("20080043060") or ("9183749") or ("9090212") or ("20140112015") or ("7556349") or ("20100091069") or ("20150189785") or ("8323758") or ("8371678") or ("7404623") or ("20140327951") or ("20120236388") or ("7104629") or ("20090002443") or ("8922867") or ("9301385") or ("20050157043") or ("9282673") or ("20120078469") or ("20190230262") or ("20050198840") or ("20160154171") or ("20080246812") or ("8100509") or ("20190227258") or ("7690122") or ("20050157045") or ("20100277546") or ("8376520") or ("8550597") or ("20050157073") or ("7080894") or ("20100277547") or ("7090336") or ("20160306394") or ("8730553") or ("20100285694") or ("20080246809") or ("20050157079") or ("20130078870") or ("7798605") or ("20140118968") or ("8743203") or ("20080246808") or ("20200032572") or ("20130029083") or ("7198355") or ("7219980") or ("20180160480") or ("8118400") or ("10122129") or ("9209573") or ("7322672") or ("8057024") or ("20090195610") or ("20060250493") or ("20090148638") or ("7328972") or ("20190227257") or ("20050023022") or ("20110136384") or ("20050157044") or ("7984969") or ("20090122102") or ("20050157087") or ("20090051743") or ("7712868") or ("20050157004") or ("20090051744") or ("7152959") or ("6540558") or ("20070263035") or ("20070188550") or ("7648226") or ("7467849") or ("8043107") or ("20190168672") or ("20080088670") or ("20050157071") or ("6410184") or ("20110317386") or ("7222938") or ("20060238560") or ("7213906") or ("7461919") or ("20170194721") or ("20110294348") or ("20020144032") or ("7992966") or ("20150062825") or ("20050157057") or ("7012189") or ("20050157056") or ("8206177") or ("20080079774") or ("20070046728") or ("20130321940") or ("20190227259") or ("20080088671") or ("7306324") or ("8976439") or ("7841696") or ("20190304511") or ("7461920") or				

		("7753483") or ("20130201718") or ("20050157060") or ("20100326997") or ("7201469") or ("20060274123") or ("20170179622") or ("20190123476") or ("7178901") or ("7322673")).PN. or (("20130164990") or ("7255423") or ("20080089020") or ("20110096524") or ("20070109355") or ("20080211885") or ("7083257") or ("7438388") or ("7591533") or ("20070193042") or ("7258422") or ("10411394") or ("7310872") or ("20160233629") or ("9385059") or ("20060250492") or ("20050157058") or ("20180034189") or ("7517231") or ("20050157054") or ("20050157048") or ("20050157076") or ("20160243987") or ("20170313251") or ("7303261") or ("6945709") or ("20160068108") or ("8746951") or ("20190227201") or ("20110296691") or ("20190228562") or ("10112538") or ("20050157072") or ("20080068428") or ("8123560") or ("9193077") or ("7918535") or ("9878669") or ("20190227337") or ("20060227172") or ("7322676") or ("7118192") or ("20130014358") or ("20100097426") or ("9525251") or ("20180147991") or ("20090244185") or ("20050247759") or ("9401568") or ("7757929") or ("20050157059") or ("7438385") or ("4984982") or ("7261401") or ("20140349509") or ("20070036490") or ("20130235539") or ("7156508") or ("7370939") or ("7413283") or ("9337579") or ("20100007703") or ("20050157069") or ("20160155043") or ("20050157063") or ("20190227256") or ("20060250458") or ("20100002053") or ("9707895") or ("10128604") or ("7165834") or ("8422247") or ("8079666") or ("7874643") or ("20050157051") or ("10525889") or ("20190230257") or ("20070285479") or ("20050157075") or ("20110109517") or ("20110159735") or ("8282419") or ("20150064966") or ("20150185784") or ("20190373149") or ("20090058923") or ("20110182009") or ("20050157090") or ("9184521") or ("20130164995") or ("20040161209") or ("9633299") or ("7726790") or ("20050157153") or ("20190173209") or ("7083271") or ("20050157064") or ("20100257732") or ("9692147") or ("20100231648") or ("20080284663") or ("20070058007") or ("8305745") or ("8228246") or ("7518880") or ("7399053") or ("7306325") or ("20120270422") or ("9535462") or ("20120038964") or ("8029113") or				

		("20070153059") or ("7754967") or ("20190162376") or ("20150288106") or ("7901044") or ("7269004") or ("20130314761") or ("8665510") or ("7367649") or ("7956813") or ("10488001") or ("20190356078") or ("8910648") or ("20070153031") or ("7159972") or ("20190252833") or ("7198354") or ("7163408") or ("20140273619") or ("7549727")).PN. or (("20050287868") or ("20100045745") or ("7618121") or ("20180019551") or ("20200018260") or ("20050157074") or ("7614724") or ("4248201") or ("20150307028") or ("20110058324") or ("9059538") or ("20050157078") or ("20090244183") or ("20070064064") or ("4795372") or ("9440589") or ("20050157046") or ("20140327856") or ("8508831") or ("20080266816") or ("20050224569") or ("9438846") or ("20080211869") or ("10498089") or ("20090267992") or ("7401894") or ("7399071") or ("8057004") or ("20140079876") or ("10320126") or ("20190295575") or ("20190230255") or ("20130169891") or ("20120242926") or ("8096639") or ("8007085") or ("20050157052") or ("10446177") or ("7416274") or ("20190227300") or ("7210968") or ("20170093094") or ("20170012593") or ("7077504") or ("20050157070") or ("20070058008") or ("20200033626") or ("20140241875") or ("9565785") or ("20200076132") or ("20160361676") or ("7414196") or ("20170094776") or ("20080285216") or ("7556360") or ("6612708") or ("10117347") or ("20180176346") or ("7869218") or ("20160069071") or ("6310738") or ("20070121128") or ("10432834") or ("RE47419") or ("9801286") or ("20160359256") or ("6083047") or ("20180213131") or ("20200033553") or ("7733636") or ("7568786") or ("9242465") or ("20030011909") or ("5749746") or ("7717743") or ("8435078") or ("20100073594") or ("10320961") or ("20020012181") or ("20080166907") or ("20150147166") or ("6447130") or ("20150224769") or ("8786799") or ("20080002354") or ("20180239054") or ("9540808") or ("10205429") or ("20090325419") or ("20010010601") or ("20090142960") or ("7798831") or ("20130014794") or ("20040012868") or ("20180205171") or ("20140248791") or ("20190230256") or ("20140355210") or ("20060279911") or ("20120058687") or ("9728901") or ("6755544") or ("20180302116") or ("20080038877") or				

		("20060221126") or ("20140153177") or ("6213612") or ("10038268") or ("10595451") or ("20140305894") or ("9435351") or ("10348041") or ("10527750") or ("20190227253") or ("20150329063") or ("8277059") or ("20120224321") or ("20180145463") or ("7455392") or ("20160164217") or ("10381767") or ("20190288461") or ("20150022914") or ("20190090367") or ("20190207178") or ("20160204556") or ("8982546") or ("8179672") or ("4940429") or ("10591957")).PN. or (("20160375846") or ("20190160462") or ("20140178093") or ("20130134848") or ("7077505") or ("10179555") or ("20080252774") or ("20160209697") or ("10608385") or ("20190280396") or ("2225958") or ("10547123") or ("20100216338") or ("7364463") or ("20070245649") or ("6417444") or ("6080003") or ("20140308011") or ("20070047240") or ("9557681") or ("9525236") or ("20050157077") or ("20120325794") or ("20090193728") or ("10295861") or ("20130148031") or ("20190230261") or ("9036343") or ("8558141") or ("20060133044") or ("20120228210") or ("9333916") or ("20200021052") or ("9172174") or ("8137131") or ("8591256") or ("8192623") or ("6467920") or ("20100252495") or ("20200033552") or ("20190103688") or ("20120229882") or ("20120077365") or ("9465117") or ("9475431") or ("9056584") or ("20150369931") or ("7872685") or ("8641901") or ("20110096427") or ("20140030913") or ("8851690") or ("20060150545") or ("20190227408") or ("10191348") or ("20200033556") or ("20070057472") or ("20110209914") or ("20170261830") or ("20110068743") or ("20080212297") or ("10345672") or ("20110019260") or ("8602830") or ("10046714") or ("20200033558") or ("20080273217") or ("20110240450") or ("20050232641") or ("20190373750") or ("20130088884") or ("8536467") or ("20090191927") or ("7361940") or ("9563024") or ("20170149467") or ("20140017551") or ("20170068143") or ("10355381") or ("20150028732") or ("10566715") or ("9090213") or ("20150029408") or ("10602633") or ("20190346697") or ("20180109044") or ("20200033700") or ("20070190866") or ("7074052") or ("7934817") or ("8961221")).PN.				

S969	28	(("10209941") or ("6943774") or ("20180011674") or ("20190346954") or ("20180164852") or ("8990721") or ("10222835") or ("20110276911") or ("10540073") or ("20020140667") or ("20160216879") or ("20140210740") or ("20100099456") or ("8630681") or ("10331342") or ("20180196596") or ("20170083268") or ("9886848") or ("20090111515") or ("20150364037") or ("8229500") or ("8976516") or ("9952662") or ("10228761") or ("20140292808") or ("9442563") or ("20190018454") or ("8644010")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:25
S970	6	(("20190371214") or ("10410549") or ("10534402") or ("20200073444") or ("20160374228") or ("9756757")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:26
S971	427	(("20190027808") or ("10476136") or ("20180090816") or ("10205224") or ("20190173160") or ("20190214708") or ("20190267718") or ("10476170") or ("20170110787") or ("20200127697") or ("20180279028") or ("10536761") or ("10015573") or ("20170078777") or ("20090245565") or ("20190312347") or ("8055003") or ("20120045081") or ("20140105440") or ("8488817") or ("20170125889") or ("10355344") or ("9634378") or ("20190123431") or ("20200021011") or ("10122071") or ("20160056527") or ("20200099138") or ("20190319367") or ("20160315373") or ("10193597") or ("20200021025") or ("20180048058") or ("9577318") or ("20190379134") or ("9497527") or ("10367252") or ("10224602") or ("20190097306") or ("20190393918") or ("10608344") or ("20190173158") or ("20180048057") or ("20160233913") or ("20190260112") or ("10181640") or ("9917934") or ("20190081396") or ("10594351") or ("20160097833") or ("9594147") or ("20200106181") or ("20200106192") or ("20200119439") or ("10164679") or ("9621230") or ("9876272") or ("20150249485") or ("20190081394") or ("20170054196") or ("20200014095") or ("20160093955") or ("20190081393") or ("10581153") or ("20120176754") or ("10418687") or ("8766859") or ("10320069") or ("20180090826") or ("9537219") or ("20190097317") or ("20160308271") or ("9344539") or ("20190020365") or ("20180048052") or ("9768491") or ("20190081410") or ("10297902") or ("20190081386") or ("20190081615") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:26

		("10312571") or ("9667290") or ("10305453") or ("20190081398") or ("20160308563") or ("10084490") or ("20180115053") or ("20170302306") or ("10263335") or ("20180076843") or ("20190165836") or ("20170170857") or ("20190081385") or ("9838059") or ("9806751") or ("10530042") or ("20190089185") or ("20170040668") or ("20200044305") or ("20180069317") or ("20170033460") or ("10200092") or ("20190260126") or ("9972891") or ("9093752") or ("20170311456") or ("20180026341") or ("20170069954") or ("9966667") or ("20140253392") or ("20090257207") or ("10484112") or ("20120178503") or ("10056695") or ("9876273") or ("20190393586") or ("20180248634") or ("20190190123") or ("10249937") or ("8102319") or ("7933123") or ("10630822") or ("20180069297") or ("20180233808") or ("20090256758") or ("20120178382") or ("10608326") or ("8259017")).PN. or (("20120092221") or ("9099771") or ("9972892") or ("10305172") or ("8750949") or ("20140266926") or ("20170309992") or ("9002422") or ("20150270619") or ("20120098720") or ("9397387") or ("20170149127") or ("8410986") or ("9730338") or ("8106836") or ("20160072178") or ("20190074586") or ("9559425") or ("8417298") or ("8994597") or ("20090256759") or ("9577315") or ("20180219276") or ("8417296") or ("9203137") or ("20140292591") or ("9653777") or ("20130172045") or ("8766858") or ("20090305742") or ("10199718") or ("20130222195") or ("8818450") or ("20120050114") or ("20090247237") or ("20180198895") or ("10468756") or ("20150214600") or ("20140243052") or ("20160261022") or ("8947303") or ("20120176278") or ("20150249292") or ("20130237289") or ("20120257341") or ("20140233169") or ("20180048053") or ("20120157175") or ("10193216") or ("9325080") or ("20180083344") or ("20110188225") or ("10158384") or ("20160322699") or ("8791864") or ("9843091") or ("9065175") or ("20190007120") or ("20190097314") or ("20160197401") or ("20190372205") or ("9997828") or ("9793616") or ("10511083") or ("10200105") or ("20140139380") or ("8577289") or ("20190027833") or ("20160072539") or ("20160309007") or ("20120214412") or ("20190097301") or ("20140111684") or ("20190317177") or				

		("20190267709") or ("10476167") or ("9634709") or ("9654164") or ("8159399") or ("20200081492") or ("20140285386") or ("20190027821") or ("10627783") or ("9093745") or ("20190081694") or ("20180342794") or ("20180053990") or ("20090295648") or ("10620591") or ("9048537") or ("10613485") or ("10186769") or ("20200106158") or ("10483620") or ("10367570") or ("20120050975") or ("10020563") or ("20190013570") or ("8638549") or ("9685690") or ("10511084") or ("9356661") or ("20160218414") or ("20120176279") or ("10599101") or ("20170309988") or ("20130300618") or ("10381715") or ("20150311960") or ("10461395") or ("8780581") or ("9431699") or ("8947302") or ("10141626") or ("20200021037") or ("20190089052") or ("10263332") or ("20200106185") or ("20150145734") or ("20130335899") or ("9806401") or ("20200044316") or ("10270174") or ("20190036220") or ("20110291896") or ("8892049") or ("20160028148") or ("20140233170") or ("20090257189") or ("8610629")).PN. or (("20090096683") or ("8947305") or ("8432322") or ("20180069295") or ("8537543") or ("20110012793") or ("20190020121") or ("20130241780") or ("10498011") or ("9131037") or ("20140112511") or ("20180069588") or ("8872706") or ("20190027802") or ("8395555") or ("8896488") or ("20110109516") or ("10250289") or ("9318793") or ("20160248148") or ("20190020110") or ("20140049432") or ("8952860") or ("20190027838") or ("20180368065") or ("20200021040") or ("20190257933") or ("20190089053") or ("20120223866") or ("9633247") or ("10103424") or ("20110183721") or ("9882269") or ("20160056526") or ("20120223865") or ("10553945") or ("9680205") or ("10448328") or ("20170309991") or ("20160261023") or ("9356355") or ("20160378070") or ("20160378071") or ("20130231046") or ("9425496") or ("20160378069") or ("8169374") or ("20180062264") or ("9793599") or ("20140086441") or ("8922443") or ("10290946") or ("20160321493") or ("20190020114") or ("20140085161") or ("20170069955") or ("20110133995") or ("9178268") or ("8907852") or ("20180090847") or ("20140009344") or ("10153554") or ("10283844") or ("20160058375") or ("20190324574") or ("9024823") or ("8982002") or ("9893755") or ("20180090817") or				

		("20200021019") or ("20140292587") or ("9172139") or ("20140111953") or ("9502750") or ("9761927") or ("20180152549") or ("20200021008") or ("20140233168") or ("20120299785") or ("20200021012") or ("20150280771") or ("10171125") or ("9070969") or ("9300342") or ("20180040943") or ("20140315592") or ("20130162485") or ("10333199") or ("20180152220") or ("8952853") or ("20150214602") or ("20120009983") or ("20190356051") or ("9793598") or ("20080316117") or ("20090051604") or ("20160064812") or ("20080316121") or ("7768462") or ("20180248811") or ("9647332") or ("7911387") or ("9728858") or ("20120046002") or ("20140132463") or ("10129165") or ("7876274") or ("20140333490") or ("20110050513") or ("20110133998") or ("8466839") or ("20170346167") or ("8803745") or ("20080316115") or ("8427376") or ("20150311594") or ("20130207851") or ("7889139") or ("7924231") or ("20100007564") or ("10313497") or ("20140009355") or ("7612725") or ("20080316116") or ("9153856") or ("7843396") or ("20110012794") or ("9293816") or ("9748635") or ("8665164")).PN. or (("20100123632") or ("8681056") or ("9531061") or ("20100321325") or ("20160064801") or ("8269677") or ("9705180") or ("20140266922") or ("20110050508") or ("20150364813") or ("20130293424") or ("20090247244") or ("10312593") or ("20150303568") or ("9257750") or ("20160211570") or ("20200089287") or ("9331397") or ("20110136447") or ("20130009828") or ("10355339") or ("20140340265") or ("10141631") or ("9236659") or ("20140266941") or ("8270914") or ("8112130") or ("20150270618") or ("9912040") or ("20190252771") or ("10594028") or ("20150311579") or ("20150236426") or ("9379445") or ("10218052") or ("20160336643") or ("9583838") or ("20090040115") or ("8583187")).PN.				
S972	900	(("20180239395") or ("20060061008") or ("20160204530") or ("9825381") or ("20190283673") or ("10556542") or ("10308180") or ("20190092238") or ("20140267732") or ("8896700") or ("20040246399") or ("7142265") or ("8976247") or ("9796331") or ("20160375830") or ("20150077565") or ("9440586") or ("20120078469") or ("20160059782") or ("20150201723") or ("10144353") or ("8743203") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:28

		("20180056871") or ("9183749") or ("20150179072") or ("10548380") or ("20170035170") or ("20190287892") or ("20170232899") or ("20120236388") or ("20190092240") or ("10124732") or ("20150329050") or ("9090212") or ("9104066") or ("20150116810") or ("8922867") or ("9637055") or ("20200032571") or ("20140327951") or ("8730553") or ("20200032572") or ("20110187958") or ("20170194721") or ("10294016") or ("20180237214") or ("20150087163") or ("9093766") or ("20130029071") or ("8915361") or ("20140152890") or ("10005611") or ("20140217862") or ("9469469") or ("20160198824") or ("20170094776") or ("9801286") or ("8409678") or ("20180160480") or ("20150062825") or ("20120183819") or ("20130286295") or ("9385059") or ("8572908") or ("9270923") or ("20060134982") or ("20120276768") or ("20180156493") or ("20110094568") or ("7259969") or ("20160243987") or ("20180147991") or ("9878669") or ("20150243937") or ("20110255850") or ("10525889") or ("8925195") or ("7467849") or ("20140178093") or ("20070188550") or ("20160353616") or ("20110255250") or ("20140153177") or ("10589684") or ("8982546") or ("20090268120") or ("20190071018") or ("20140355210") or ("7942678") or ("9557681") or ("20130250205") or ("20090279238") or ("7518880") or ("8995126") or ("20110028041") or ("20100183848") or ("8027156") or ("20110007514") or ("8398262") or ("20100257732") or ("8558962") or ("20140233167") or ("20190117926") or ("8083370") or ("8376520") or ("20120140459") or ("20100277547") or ("20100238655") or ("20140017542") or ("10168743") or ("9073491") or ("20110230074") or ("20150171913") or ("20130029083") or ("20110058117") or ("20140340925") or ("8246383") or ("8152565") or ("20150022914") or ("8851690") or ("9268366") or ("10591957") or ("20160187714") or ("8629953") or ("9545883") or ("10057989") or ("9274373") or ("9333916") or ("20140017541") or ("20150307027")).PN. or (("8186741") or ("8665510") or ("20190044452") or ("8861191") or ("20150092332") or ("20100213736") or ("8057024") or ("20160264056") or ("20050157056") or ("20130314761") or ("20110096427") or ("20090051743") or ("9440589") or ("9604576") or ("20080088671") or				

		("8388173") or ("9475431") or ("20080088670") or ("20150307028") or ("7201469") or ("7753483") or ("9174578") or ("20140313563") or ("10590696") or ("20160355135") or ("20170094800") or ("10122129") or ("20180359860") or ("20020166299") or ("8797627") or ("20060238779") or ("20200032576") or ("7841696") or ("9526173") or ("8558141") or ("10112538") or ("20130107563") or ("20080297565") or ("10389203") or ("20070070119") or ("5531950") or ("20170117771") or ("10000156") or ("20120325794") or ("20170313251") or ("7429095") or ("7941196") or ("20050157055") or ("20070146397") or ("9535462") or ("20060238569") or ("20150185784") or ("9570955") or ("20080252699") or ("20080316275") or ("7524021") or ("10396843") or ("20080081679") or ("20150251605") or ("20130088884") or ("7901043") or ("9352692") or ("20080043060") or ("20140265677") or ("20050157050") or ("20180337704") or ("20190364680") or ("10179555") or ("20140079876") or ("20070257964") or ("20080291246") or ("20170071334") or ("20080084674") or ("20080100668") or ("7156489") or ("7758164") or ("20190373750") or ("7517049") or ("20160375846") or ("7108353") or ("9519171") or ("7404621") or ("20140362328") or ("20050157045") or ("7404623") or ("9826829") or ("20190280396") or ("20080130277") or ("7556349") or ("20090195611") or ("20150334354") or ("20100091069") or ("7645005") or ("7080894") or ("20050157043") or ("20140327856") or ("9451699") or ("10547123") or ("7832840") or ("20200032577") or ("20190304511") or ("20140029216") or ("7400435") or ("20090002443") or ("20190090367") or ("7104629") or ("8371678") or ("20080266685") or ("20190227406") or ("20120242926") or ("20080089020") or ("20100238654") or ("9945131") or ("8066352") or ("20120127420") or ("20140043778") or ("7703966") or ("20080246808") or ("8905541") or ("20080246811") or ("20050157153") or ("7901044") or ("20100277546") or ("20060274123") or ("20090195610") or ("20090278818") or ("20180295895") or ("20130078870") or ("7517231")).PN. or (("20100225705") or ("20070180264") or ("20050157073") or ("8020969") or ("20060238560") or ("8277059") or ("20080246809") or ("20170226753") or				

		("7800019") or ("8091982") or ("20180013272") or ("20130294020") or ("9876316") or ("7322673") or ("7219980") or ("7322672") or ("8564950") or ("8550597") or ("20050287868") or ("20080246812") or ("20190230262") or ("20050157004") or ("20160192517") or ("20050157044") or ("RE47419") or ("20170036603") or ("20030011909") or ("20060250493") or ("7090336") or ("7984969") or ("8786799") or ("10381767") or ("20180156494") or ("20020012181") or ("7605348") or ("7798605") or ("20160099741") or ("20190346697") or ("8258433") or ("6447130") or ("6310738") or ("7461919") or ("8228246") or ("20080186357") or ("9615476") or ("8100509") or ("6612708") or ("6537083") or ("20190227200") or ("20070263035") or ("20190227199") or ("20050157087") or ("7083257") or ("20050157079") or ("7768789") or ("20110170192") or ("20090051744") or ("20120026571") or ("20100038352") or ("20080079774") or ("20140262847") or ("20080183133") or ("20050157054") or ("8503061") or ("8976439") or ("20170075440") or ("7328972") or ("9660684") or ("20060181772") or ("20190074677") or ("20150104962") or ("8118400") or ("20130321940") or ("7443693") or ("7306349") or ("7152959") or ("7726779") or ("7364895") or ("8531834") or ("6401399") or ("20190118713") or ("20110188224") or ("20090122102") or ("9350001") or ("9548785") or ("9300344") or ("20120009443") or ("20160254837") or ("7461920") or ("20070046728") or ("20170237460") or ("20150169004") or ("20200032575") or ("4139234") or ("7198355") or ("20130027862") or ("20130334072") or ("7648226") or ("9417661") or ("20120314354") or ("9826132") or ("20090244185") or ("20060250492") or ("7712868") or ("20080068428") or ("20050157058") or ("20100097426") or ("20190168672") or ("9703401") or ("7255423") or ("9559741") or ("20040240191") or ("7992966") or ("9801273") or ("20080211885") or ("20170085283") or ("20090058923") or ("20050157048") or ("9276626") or ("7910859") or ("20060203478") or ("20190179099") or ("10578837") or ("20050157069") or ("20050157071") or ("20130063869") or ("7258422") or ("9900041") or ("7918535") or ("7306324") or ("20050157057")).PN. or (("20170264803") or ("20120069517") or ("10090877") or ("7438388") or ("20060204839") or			

		("7165834") or ("4053688") or ("20090189859") or ("20190351828") or ("7597535") or ("20080211869") or ("7798831") or ("20170135198") or ("20100231648") or ("20030169522") or ("7455392") or ("6824281") or ("20110013280") or ("20100002053") or ("9906700") or ("8079666") or ("10021798") or ("7213906") or ("9781325") or ("8824140") or ("7261401") or ("20090205787") or ("20050157075") or ("20050157072") or ("20160344118") or ("20060227172") or ("20070285479") or ("10363875") or ("20060250458") or ("20190160462") or ("7222938") or ("20080166907") or ("20050157059") or ("9450634") or ("20050190539") or ("20050157090") or ("7178901") or ("8029113") or ("8405726") or ("20160191101") or ("20050157063") or ("10299554") or ("8451586") or ("7188963") or ("20070109355") or ("9864211") or ("10320170") or ("20160320802") or ("10029616") or ("20170264804") or ("20180020138") or ("20070058007") or ("20170264801") or ("20170179622") or ("9894772") or ("9439305") or ("20190014672") or ("10126519") or ("7438385") or ("7636589") or ("7118192") or ("7413283") or ("7156508") or ("20160345449") or ("20100124002") or ("20180206607") or ("20050140255") or ("9955762") or ("7306325") or ("20050046978") or ("20160068108") or ("7120024") or ("20050157060") or ("9730370") or ("20090193728") or ("20140312484") or ("8096639") or ("10148859") or ("20150016058") or ("4383468") or ("7370939") or ("7083271") or ("20170264802") or ("20190227256") or ("20180006602") or ("9882305") or ("7303261") or ("20170086551") or ("10175447") or ("20180013229") or ("20180009141") or ("10250783") or ("20180345864") or ("7726790") or ("6410184") or ("20110109517") or ("20050157051") or ("8031462") or ("9324627") or ("20180288296") or ("20170120827") or ("9783115") or ("20120224065") or ("20170129406") or ("9707895") or ("7591533") or ("9439314") or ("20190227258") or ("20180012923") or ("20190227257") or ("10630008") or ("8584407") or ("20190228562") or ("20050157076") or ("20190227337") or ("20100007703") or ("20160145916") or ("10033913") or ("8526180") or ("9557584") or ("20050157064") or ("10432834") or ("20140076772") or ("20180297527") or ("20110019260") or ("8973753")).PN. or				

		(("8783457") or ("20200004078") or ("20080284663") or ("20050023022") or ("9380723") or ("20130250232") or ("20180213131") or ("20020144032") or ("10630876") or ("20160066459") or ("20180113378") or ("20070153059") or ("7874643") or ("20070193042") or ("20140027317") or ("20070003419") or ("20090244183") or ("20070064064") or ("8508384") or ("9056584") or ("10353255") or ("20140017521") or ("20050198840") or ("7012189") or ("7776468") or ("20160057879") or ("20120229882") or ("10345672") or ("10543786") or ("20180160476") or ("9801294") or ("7322676") or ("8074698") or ("20130088766") or ("20080136788") or ("7399053") or ("9101066") or ("20170068143") or ("7911455") or ("20180013271") or ("20190243492") or ("20070121128") or ("9549598") or ("20090017700") or ("7956813") or ("7675145") or ("20100045745") or ("20140227908") or ("20070235845") or ("20070153031") or ("20120038964") or ("9247661") or ("7159972") or ("20100285697") or ("20050224569") or ("20170244877") or ("20100133002") or ("7367649") or ("20120055107") or ("7855755") or ("20190227259") or ("7198354") or ("20050157078") or ("6101406") or ("7614724") or ("20140080334") or ("10274694") or ("9229494") or ("10191348") or ("10398043") or ("10359649") or ("20070058008") or ("20170261830") or ("20190230259") or ("20130088130") or ("20050208646") or ("20140313473") or ("20150227178") or ("7210968") or ("7690122") or ("20160074614") or ("7399071") or ("20200021052") or ("20110094560") or ("20050157046") or ("20120127423") or ("20170242276") or ("20190230257") or ("20160066460") or ("20180118116") or ("10595451") or ("20160306394") or ("8007085") or ("9083109") or ("20180164529") or ("8508831") or ("9197002") or ("20110096524") or ("20140290668") or ("20050157070") or ("9035439") or ("20180013934") or ("8342325") or ("7533998") or ("20130194425") or ("7618121") or ("8995125") or ("9692147") or ("20050173917") or ("20150090748") or ("20190227201") or ("7549727") or ("8179437") or ("9317076") or ("20050003421") or ("20150329054") or ("20120211382") or ("7806723") or ("9946097") or ("8944590") or ("7077504") or ("7556360") or ("20010041341") or ("20170244878") or ("20180302116") or ("8508593") or				

		("20050157052") or ("9107299") or ("9846452") or ("7568786")).PN. or (("20170245370") or ("7310872") or ("20190373149") or ("8783456") or ("20100117216") or ("9701248") or ("9073490") or ("9781324") or ("20130321939") or ("8749633") or ("9862323") or ("20020058331") or ("10446177") or ("20080200064") or ("8393466") or ("20190295575") or ("20050157074") or ("20180029535") or ("20120262667") or ("9089056") or ("7074052") or ("20140340519") or ("8801174") or ("20130314538") or ("8506096") or ("20040171054") or ("20040106130") or ("20190227300") or ("20140173894") or ("20080231704") or ("20060040380") or ("10449903") or ("20140016217") or ("20200014329") or ("9955055") or ("20090267992") or ("20140028243") or ("20190143914") or ("20090290926") or ("7982304") or ("20130092576") or ("20040166525") or ("8537543") or ("20190143901") or ("20120118773") or ("9287591") or ("20160164147") or ("20060221126") or ("20080285216") or ("20030003499") or ("8570737") or ("5945334") or ("20130134848") or ("7758167") or ("10425035") or ("7416274") or ("20070297075") or ("20160192515") or ("20090218808") or ("20200059196") or ("20180160478") or ("20130043777") or ("7820329") or ("9179562") or ("7401894") or ("8708142") or ("20100298165") or ("10197890") or ("20170244874") or ("20130077226") or ("20050084895") or ("10211577") or ("20130033736") or ("8057004") or ("10166927") or ("20190089294") or ("6733977") or ("8422247") or ("7733636") or ("20150173227") or ("20180011390") or ("10459266") or ("10416537") or ("20050089953") or ("10466563") or ("20180198404") or ("20190296321") or ("10040021") or ("8548541") or ("20150122854") or ("20170281081") or ("20140217863") or ("9065230") or ("20160233629") or ("20180216336") or ("20090005132") or ("20190041727") or ("8511498") or ("20180083322") or ("20130078871") or ("20060060982") or ("10349889") or ("10429099") or ("20200064704") or ("20130065454") or ("4627469") or ("20130088828") or ("20100309619") or ("20090257189") or ("20170274167") or ("20050106617") or ("20050191630") or ("7972185") or ("20170205679") or ("20140118968") or ("20050214648") or ("20190227253") or ("20110296691") or ("8814112") or				

		("20050106615") or ("6287850") or ("20190254513") or ("20060234267") or ("9338895") or ("10117347") or ("20090143249") or ("20120092783") or ("5822137")).PN. or (("20100007609") or ("20160361676") or ("20150196867") or ("20180329254") or ("20200047673") or ("20190223569") or ("20050158819") or ("9525251") or ("20110164370") or ("20190267754") or ("20120153102") or ("20130188312") or ("9193077") or ("7083660") or ("10076040") or ("8989823") or ("9385353") or ("20180252988") or ("8531824") or ("20050189627") or ("7723846") or ("9748548") or ("8158458") or ("20170297494") or ("20090028215") or ("9405318") or ("20140112015") or ("20050106618") or ("20180351273") or ("20180231717") or ("20060133044") or ("8213168") or ("20120119892") or ("4325107") or ("20180141126") or ("20150016036") or ("20190230261") or ("6551817") or ("20190230255") or ("10101638") or ("10261648") or ("7077505") or ("5997818") or ("20190232768") or ("20050157077") or ("10446972") or ("20080044603") or ("7802918") or ("20140102626") or ("9438846") or ("20100055845") or ("20150037626") or ("20160227652") or ("20130235539") or ("20160264054") or ("10611220") or ("10455738") or ("8305235") or ("10433043") or ("20150043614") or ("20090053590") or ("20110262676") or ("20180184528") or ("9301385") or ("8267534") or ("6399365") or ("9711703") or ("7391563") or ("8727547") or ("7269004") or ("8049640") or ("8817458") or ("20190007587") or ("20130027952") or ("20070279752") or ("20040012868") or ("20010010601") or ("9730338") or ("20130022800") or ("20130321893") or ("8833987") or ("20150369931") or ("20050208373") or ("20100026149") or ("10602633") or ("7361940") or ("20200093390") or ("4700525") or ("20130169891") or ("20190103688") or ("20200004113") or ("20070087637") or ("20110149534") or ("20080084062") or ("20180084636") or ("6969101") or ("20080002354") or ("20160254836") or ("20080151503") or ("4120022") or ("6213612") or ("20180304543") or ("5916600") or ("20110141543") or ("9614569") or ("9341914") or ("7542193") or ("10352771") or ("7175482") or ("20050157083") or ("9878670") or ("7413828") or ("9465117") or ("9481303") or ("6214095") or				

		("20080166006") or ("7255451") or ("8174846") or ("9090211") or ("5756972") or ("20050208381")).PN.				
S973	436	S968 AND (ADHESIVE OR GLUE)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:28
S974	441	S968 AND (ADHESIVE OR GLUE or tape)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:28
S975	346	S974 and screw$3	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:29
S976	245	S975 and clip$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:30
S977	217	S976 and polymer	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:30
S978	33	S977 and (injection-mold$3 or (injection near mold$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:31
S979	184	S977 not S978	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:33
S980	3	S979 and ((laptop or (lap near top) or portable or notebook) near3 computer$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:33
S981	3	S979 and (((laptop or (lap near top) or portable or notebook) near3 computer$1) or (laptop or (lap near top)))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:34
S982	907,395	S979 and (((laptop or (lap near top) or portable or notebook) near3 computer$1)) or (laptop or (lap near top))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:34
S983	3	S979 and (laptop or (lap near top))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:35

S984	3	S980 S981 S983	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:35
S985	50	("20010015005" | "20020059712" | "20030027589" | "20030084859" | "20030127245" | "20050212991" | "20050225449" | "20050285991" | "20060067066" | "20060120035" | "20060193109" | "20060285302" | "20070111598" | "20070121026" | "20070229475" | "20070254502" | "20080055828" | "20080143918" | "20080165485" | "20090067141" | "20090126450" | "20090195974" | "20090257189" | "20090257207" | "20090264160" | "20100061040" | "20100157522" | "20100265179" | "20110090627" | "20110164365" | "20110164372" | "20110260993" | "20120176555" | "20120281158" | "5248960" | "5266746" | "6356313" | "6771490" | "6996424" | "7271861" | "7515431" | "7995334" | "8199477" | "8213168" | "8238087" | "8345410" | "8432678" | "8506327" | "8971028" | "9417661").PN. OR ("10591957").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:36
S986	7	("20100007609" | "20160192510" | "20130076575" | "3650312" | "6054939" | "20030007323" | "9176527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 12:39
S987	11,999	g06f1/1652,1633,1637,1624,1641.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:13
S988	940	G09F11/08,02,04,10.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:14
S989	0	H05K7/0017,0217,0247.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:14
S990	7,630	H05K5/0017,0217,0247.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:16
S991	26,519	G06F1/1626,1632,1613,1601.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:28
S992	1,477	361/679.3,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:28

S993	30,982	G06F1/1626,1632,1613,1601,18,181.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:31
S994	8,579	361/679.3,679.56,679.01,679.02.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:32
S995	2	(("20090247237") or ("20080316115")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 13:49
S996	3	(("20080070635") or ("20090033562") or ("6049813")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 14:02
S997	1	S996 AND GLASS	US-PGPUB; USPAT; USOCR	OR	OFF	2020/04/27 14:02
S1008	1	"8333355".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/04 19:04
S1009	2	"20130010405"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/05 13:04
S1010	1	"20140132854"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/05 13:04
S1011	3	S1009 S1010	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/05 13:04
S1012	1	"9203231".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/06 14:07
S1013	3	"20150138723"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/08 09:37
S1014	7	("20070216583" | "20070008227" | "20130234910" | "20090179751" | "7983030" | "9059505" | "20130257662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/10 16:35

S1015	1	("20180295733").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 01:55
S1016	4	("2018/0295733").URPN.	USPAT	OR	OFF	2020/05/11 01:56
S1017	267	haughton.xa.	USPAT	OR	OFF	2020/05/11 01:57
S1018	1,412	haughton.xp.	USPAT	OR	OFF	2020/05/11 01:57
S1019	1,679	S1017 S1018	USPAT	OR	OFF	2020/05/11 01:57
S1020	40	S1019 and (head near mount$4)	USPAT	OR	OFF	2020/05/11 01:57
S1021	7	("10095038" | "10251289" | "10251292" | "20180295733" | "9557569" | "9810911").PN. OR ("10408313").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 01:58
S1022	16	("20060015986" | "20080109947" | "20080184451" | "20080238815" | "20080276354" | "20160299346" | "20160363768" | "20160363996" | "20160366503" | "20170123451" | "20170337737" | "20180003984" | "20180295733" | "5321416" | "5774096" | "5844530").PN. OR ("10539792").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 01:59
S1023	22	S1021 S1022	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 01:59
S1024	2	S1023 and cushion	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:18
S1025	2	S1023 and (light near3 block$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:26
S1026	22	("20060225187" | "20100327028" | "20110127305" | "20120280007" | "20130327909" | "4457461" | "5179735" | "5276471" | "5321416" | "5469578" | "5671037" | "7484646" | "8814691").PN. OR ("9810911").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:37

S1027	3	("20140352113" | "20150159413" | "9057215").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:45
S1028	2	"20140223693"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:46
S1029	5	S1027 S1028	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:46
S1030	16	("20100246103" | "20070060224" | "20080251338" | "20070133156" | "8953310" | "20110304962" | "3741376" | "20060282993" | "6301098" | "8787016" | "20120326003" | "8047365" | "20140151248" | "6922333" | "20040240164" | "20110096513").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:54
S1031	11	S1030 and hing$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:55
S1032	12	S1030 and (hing$4 or pivot$4 or rotat$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 02:55
S1033	11	S1032 and (magnet$4 or magnetically)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 03:02
S1034	2	S1033 and rare	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 03:04
S1035	3	S1033 and permanent	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/11 03:06
S1036	59	("2011/0096513").URPN.	USPAT	OR	OFF	2020/05/11 04:46
S1037	2	"20110141724"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/21 13:41
S1038	1	"10359659"	US-PGPUB;	OR	OFF	2020/05/21 13:42

			USPAT; USOCR			
S1039	3	"20150138723"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 03:06
S1040	3	(("20190387635") or ("20180295731") or ("10405440")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:16
S1041	1,204	(("20190387635") or ("20180295731") or ("10405440") or ("20030155753") or ("7635043") or ("20010028163") or ("6557889") or ("20040036261") or ("7284769") or ("10080348") or ("10349632") or ("20140338447") or ("10573165") or ("20180055017") or ("20150331456") or ("20180089988") or ("10555504") or ("9612622") or ("20030176959") or ("20190327939") or ("20200128795") or ("20150103018") or ("6823244") or ("9122456") or ("20200008023") or ("20070228703") or ("20100097208") or ("20180288586") or ("10485475") or ("20170318360") or ("10499216") or ("10034066") or ("9342108") or ("20130257582") or ("7481453") or ("20160154439") or ("9780621") or ("20190138005") or ("10279200") or ("20170136264") or ("10279201") or ("20080147280") or ("20130035827") or ("20180262894") or ("10390755") or ("8768573") or ("20170156662") or ("20170136265") or ("10383550") or ("20170164876") or ("20190222652") or ("20060005733") or ("20160277879") or ("7475637") or ("20060232052") or ("9579048") or ("10022613") or ("20160189507") or ("20180117447") or ("20190361917") or ("20170249830") or ("20140049393") or ("7832762") or ("20140268601") or ("20140263989") or ("9380961") or ("20190122529") or ("20140228649") or ("20200068372") or ("10099053") or ("20140264047") or ("20160015280") or ("20160015972") or ("20170259811") or ("20080082237") or ("9443366") or ("20190364244") or ("20140002239") or ("20180056985") or ("20190336053") or ("20080284145") or ("20080243342") or ("20140103624") or ("10200834") or ("6234519") or ("20090046538") or ("9689887") or ("20150040669") or ("20190342637") or ("20180133583") or ("6206129") or ("20090058593") or ("10532268") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:17

		("20180264347") or ("9103920") or ("20150040665") or ("20140299783") or ("20080272580") or ("9043093") or ("9022417") or ("20170065210") or ("20190362716") or ("10325596") or ("10561341") or ("6328126") or ("7762580") or ("7740273") or ("9621215") or ("10022614") or ("20160278662") or ("20190358515") or ("10649500") or ("20160058322") or ("20010000886") or ("20170232300") or ("10195513") or ("20180326291") or ("20190365277") or ("20080067792") or ("20180078843") or ("10046228") or ("9117318") or ("20150376897") or ("20190235581") or ("10264995") or ("20180117446") or ("20160029998") or ("9849364")).PN. or (("20150094126") or ("8903519") or ("20060212194") or ("20190174208") or ("10534819") or ("10573093") or ("9610464") or ("20140309847") or ("20080119966") or ("20130073095") or ("7648164") or ("20080086240") or ("20170328931") or ("20120176237") or ("7672756") or ("20080272923") or ("9218698") or ("20100318294") or ("20180215344") or ("9673662") or ("7379800") or ("20190392088") or ("20200104326") or ("20160218556") or ("9525438") or ("9520746") or ("20130078909") or ("9317983") or ("20140306799") or ("9209888") or ("20170066406") or ("20170140637") or ("9290144") or ("20030163287") or ("20140012431") or ("20170312614") or ("10046229") or ("8332146") or ("9014953") or ("20170330446") or ("20190287062") or ("20200020165") or ("9721456") or ("20140309805") or ("20190051141") or ("20150068069") or ("20160218555") or ("10281953") or ("10460592") or ("10397875") or ("10585111") or ("20170064058") or ("20190279447") or ("20060212193") or ("20060217864") or ("20160163133") or ("20060284839") or ("20160013818") or ("20080129475") or ("20170223634") or ("7444210") or ("20140306826") or ("20140309852") or ("20140300739") or ("7330784") or ("20080114502") or ("10325471") or ("10127796") or ("20060180371") or ("20120089299") or ("20190342329") or ("10522021") or ("20140310186") or ("7313467") or ("20190247650") or ("20120223833") or ("20130078908") or ("8781715") or ("7555370") or ("20180120892") or ("10200074") or ("9491420") or ("20110306304") or ("20150285832") or ("9986313") or ("20140309853") or ("9784887") or				

		("20120130203") or ("8874129") or ("20170163307") or ("8169311") or ("9154593") or ("7034677") or ("7719416") or ("20190058242") or ("8346438") or ("8860570") or ("20180203158") or ("9130651") or ("20070139216") or ("20070156320") or ("9417331") or ("20070085697") or ("20180089622") or ("20190317564") or ("20190361148") or ("20180288990") or ("7889096") or ("20120244848") or ("7693626") or ("20180167098") or ("7523803") or ("20170180829") or ("20120197622") or ("9723122") or ("20160347426") or ("20170251096") or ("20200008299") or ("20120130202") or ("20060243043") or ("20190046373") or ("20160051735") or ("20180241489") or ("20150338525") or ("20100271199") or ("20070096565") or ("9390625") or ("20140312242")).PN. or (("20120197621") or ("9781248") or ("10405070") or ("20120028680") or ("20100207754") or ("20160038083") or ("20160294493") or ("4995639") or ("20160182170") or ("20070126561") or ("20100268423") or ("20090043441") or ("9211811") or ("20120130201") or ("20190339222") or ("8035508") or ("20070057781") or ("7786864") or ("20080157940") or ("8907772") or ("8239169") or ("7549327") or ("20180241488") or ("7880594") or ("7920102") or ("20180086457") or ("8157047") or ("20180293866") or ("20130006469") or ("20120188083") or ("20170284996") or ("20190339223") or ("20070075919") or ("8618934") or ("20040204915") or ("10226552") or ("20140067313") or ("20170374437") or ("20190339221") or ("20150223541") or ("7171312") or ("8054203") or ("9420840") or ("8229624") or ("20080277911") or ("20190028584") or ("20080147271") or ("20180131455") or ("9774410") or ("9961523") or ("10225688") or ("9115989") or ("9900119") or ("20150081247") or ("20170373775") or ("10361800") or ("20180359039") or ("10389459") or ("7527288") or ("20090015400") or ("20200130771") or ("20170235348") or ("20080046149") or ("20160313467") or ("9063165") or ("10147295") or ("10063331") or ("20060244581") or ("5231253") or ("20190339224") or ("8786437") or ("10126779") or ("7630802") or ("20160344440") or ("10384749") or ("20190220863") or ("9958904") or ("20030093187") or ("20140357295") or ("20190175960") or ("20040130442") or				

		("8354927") or ("9008854") or ("20140288403") or ("20140253284") or ("20120296567") or ("20130041235") or ("7760080") or ("7386372") or ("20080088462") or ("20130325323") or ("10492686") or ("20170124836") or ("20190021596") or ("6988026") or ("10638401") or ("20150218872") or ("10240935") or ("20140031703") or ("20180055361") or ("20140183269") or ("20060167595") or ("20200065433") or ("9122966") or ("20180206177") or ("20190204865") or ("20090303204") or ("20070205881") or ("9833143") or ("9749000") or ("6965816") or ("20170317707") or ("20070271014") or ("20110290645") or ("20200111342") or ("10327638") or ("8792955") or ("20120130196") or ("20080216567") or ("20170230790") or ("10094673") or ("9035776") or ("10441185") or ("20050187677") or ("20180089611") or ("9781965") or ("7744122") or ("20170006950") or ("20120127157")).PN. or (("20130222115") or ("9607301") or ("7650210") or ("20190088098") or ("9638829") or ("20180000183") or ("10593176") or ("8928671") or ("9456302") or ("9432492") or ("9929767") or ("10252145") or ("20080065290") or ("20070005202") or ("20160152211") or ("20080282817") or ("20080156406") or ("10019881") or ("20080147265") or ("8912892") or ("10324078") or ("10657485") or ("8384538") or ("20190384354") or ("20120065937") or ("20200154799") or ("20180001184") or ("20180086455") or ("8462109") or ("20130035901") or ("20160246326") or ("20070124047") or ("7726684") or ("10278443") or ("20140070943") or ("20080284575") or ("20130082924") or ("20080054603") or ("20190175411") or ("20190223535") or ("20100283626") or ("9090339") or ("10152060") or ("20160262694") or ("20080094212") or ("8019501") or ("10331168") or ("8581688") or ("20160332739") or ("7961094") or ("20170224257") or ("10482418") or ("9593521") or ("10139859") or ("20080042410") or ("20190103182") or ("7408453") or ("20080061959") or ("20170328997") or ("20180086456") or ("10613213") or ("20170071538") or ("20070299587") or ("7603894") or ("20140358361") or ("7579940") or ("10275797") or ("20180141545") or ("20080272906") or ("8036788") or ("10106124") or ("8410945") or ("20180167100") or ("8024084") or ("20110218757") or ("20140336868") or ("8952809") or ("20180027909") or				

		("20180288364") or ("20090262074") or ("20170235333") or ("20140358362") or ("20190113774") or ("10360780") or ("7580782") or ("20190129491") or ("20070235331") or ("20180259965") or ("9489609") or ("20080161989") or ("10420507") or ("20080140278") or ("20100294437") or ("7421321") or ("20180374330") or ("20170235334") or ("20190242868") or ("10291279") or ("20090042065") or ("20080040005") or ("10156867") or ("20190286152") or ("10032148") or ("20170235933") or ("10616534") or ("8638217") or ("20170372216") or ("7584036") or ("9195269") or ("20050273218") or ("20170053253") or ("20180108974") or ("20200089272") or ("20070156312") or ("20190287363") or ("20180014734") or ("20110218756") or ("20060025897") or ("10496131") or ("20170235332") or ("20150356285") or ("20200080775") or ("20060026017") or ("20200101367") or ("20040039509") or ("20080048421") or ("10614403") or ("20180249133")).PN. or (("8060282") or ("10296863") or ("20130192356") or ("7089099") or ("8364229") or ("20200003918") or ("20160310077") or ("20140295910") or ("20070005609") or ("20150324635") or ("20190086951") or ("20180321185") or ("20190142349") or ("20190313223") or ("20190283240") or ("7752952") or ("7467034") or ("20060273556") or ("9443358") or ("20140202800") or ("9999744") or ("9412273") or ("20040145457") or ("20160317781") or ("20190173510") or ("20070096446") or ("20130131478") or ("20110285527") or ("7657354") or ("20120289791") or ("20200037874") or ("20180322436") or ("7579939") or ("20200037875") or ("20140128703") or ("10296093") or ("20140128704") or ("20060202452") or ("20190335997") or ("20180320967") or ("20190286138") or ("20180132761") or ("9763609") or ("10376143") or ("20090315704") or ("20190369728") or ("20160015299") or ("20110163955") or ("20190191284") or ("20060206246") or ("20190286139") or ("20120289792") or ("6850824") or ("20150269830") or ("20120289794") or ("20100141435") or ("20190175961") or ("20080047329") or ("20080212215") or ("20180125365") or ("20060097494") or ("10478727") or ("10403121") or ("20170312578")				

		or ("7629899") or ("8482399") or ("8622900") or ("20180295829") or ("8351773") or ("20170258402") or ("9033116") or ("9470563") or ("20150130637") or ("20140226268") or ("20190294136") or ("20120092178") or ("20080088441") or ("9173567") or ("20120291613") or ("20140104059") or ("20190200184") or ("20120289789") or ("20050192727") or ("20190369646") or ("20130265225") or ("20120157804") or ("9189599") or ("20140265580") or ("20100214216") or ("20130085705") or ("10052519") or ("7988190") or ("20120289793") or ("20080042409") or ("10395018") or ("9524597") or ("10599101") or ("20120289790") or ("20120289788") or ("20110215931") or ("20120290215") or ("9292102") or ("8540629") or ("8622901") or ("8529447") or ("20190120871") or ("8725462") or ("20180027893") or ("8617067") or ("20130118255") or ("20050125117") or ("20140176296") or ("7712777") or ("20190286164") or ("10620591") or ("20170097243") or ("20130033381") or ("9151692") or ("9852599") or ("10613485") or ("20080108372") or ("20180088578") or ("20070021915") or ("20100164711") or ("4900880") or ("10004451") or ("8646386")).PN. or (("9058703") or ("10395221") or ("20150061895") or ("20180238820") or ("20060261579") or ("9729730") or ("20080036617") or ("10586437") or ("7907838") or ("7583184") or ("20190043337") or ("20150009168") or ("9993166") or ("20160320860") or ("8622899") or ("20180349869") or ("20120290266") or ("9979427") or ("9030321") or ("20180294870") or ("20190283962") or ("20180343304") or ("20150346722") or ("20120092156") or ("9857265") or ("10378993") or ("20170257492") or ("20170030798") or ("10128890") or ("9351640") or ("8994546") or ("20130211291") or ("20080100706") or ("20080064413") or ("20200064175") or ("9384609") or ("8014789") or ("20170032114") or ("7040653") or ("20170301220") or ("20200036434") or ("7082359") or ("20080036185") or ("20160378071") or ("20190287046") or ("20180081335") or ("20160378070") or ("20090143923") or ("20050067816") or ("20060273558") or ("20130002443") or ("20170336882") or ("9206672") or ("20090143944") or ("20160097861") or ("10275959") or ("9349234") or ("20080272579") or ("7418346") or ("9233645") or ("20180295828") or				

		("10627783") or ("20140306814") or ("10545584") or ("20040256842") or ("20140108789") or ("8948442") or ("20150331008") or ("20040183283") or ("20130017421") or ("8747336") or ("20130180423") or ("20190033164") or ("10614408") or ("9392854") or ("20160021998") or ("20070171037") or ("20190283239") or ("9466161") or ("10610111") or ("20160378069") or ("20190361414") or ("20190287047") or ("9335764") or ("20170180336") or ("9290146") or ("20030009270") or ("9155367") or ("10404353") or ("20160324286") or ("10289204") or ("20170213459") or ("20190347368") or ("10143280") or ("8461988") or ("20140268516") or ("9587924") or ("8047432") or ("10031521") or ("9637053") or ("20140266688") or ("6758089") or ("20030005759") or ("20190213870") or ("20190391664") or ("20160234356") or ("20160058375") or ("20180338485") or ("20160249853") or ("8890823") or ("5192838") or ("20190047493") or ("20140309919") or ("7103460") or ("20180283977") or ("20160233912") or ("20200005623") or ("20170313238") or ("20190090603") or ("8860569") or ("20080262646") or ("9910060") or ("20150378382") or ("8427288") or ("20100062833") or ("6169479") or ("10592305") or ("7150048") or ("20140306835")).PN. or (("20180203443") or ("9582465") or ("20200103305") or ("20150338433") or ("9994145") or ("10423136") or ("9410809") or ("10134278") or ("6009970") or ("20180295827") or ("20190003877") or ("9720480") or ("20180338486") or ("7446650") or ("20160100084") or ("20150041663") or ("20070197889") or ("7017195") or ("7338069") or ("20140308930") or ("20040215382") or ("9246691") or ("20120032876") or ("20180022310") or ("20140136847") or ("20120062744") or ("7996132") or ("20150205946") or ("20070012349") or ("20080174423") or ("20130229522") or ("20160018278") or ("10529221") or ("20070132567") or ("20080154495") or ("9713756") or ("20160040998") or ("20140309930") or ("10440453") or ("20140306834") or ("20180234748") or ("10427604") or ("7059182") or ("20190172348") or ("20190374163") or ("20180295826") or ("9065893") or ("20130176264") or ("20130158928") or ("20140262848") or ("8044776") or ("20180293873") or				

		("20170173262") or ("6738697") or ("7575248") or ("9717958") or ("20180361239") or ("6690268") or ("20150287298") or ("20190171405") or ("10606543") or ("10130843") or ("20160101319") or ("7976060") or ("20070132219") or ("20170003133") or ("9940834") or ("20160041820") or ("20140309849") or ("20160039426") or ("10249109") or ("20140310702") or ("20190283252") or ("20110095940") or ("20140310379") or ("20120130214") or ("20090290369") or ("9998804") or ("8115620") or ("20130267809") or ("10013547") or ("9823265") or ("20140309838") or ("8583915") or ("20140308902") or ("20160334771") or ("20180336074") or ("20200034501") or ("20200051456") or ("20050137786") or ("20090159408") or ("10059265") or ("20140288381") or ("9622556") or ("20080270076") or ("20080036580") or ("20180115795") or ("20090061897") or ("9613202") or ("20060183985") or ("7050897") or ("20190373344") or ("20120109399") or ("20020003571") or ("20120143514") or ("8310363") or ("20040117116") or ("10206470") or ("20180173488") or ("20190287063") or ("20170161484") or ("20140136755") or ("9643091") or ("20170172268") or ("8113494") or ("9717949") or ("20140257065") or ("9542822") or ("20180001183") or ("20180348759") or ("20180123485") or ("20060183984") or ("20200104433") or ("20190388021") or ("20180270547") or ("20030227394") or ("9002679")).PN. or (("20190132709") or ("20130095459") or ("20060038387") or ("9609462") or ("10041690") or ("20180109764") or ("20160304198") or ("20170309088") or ("20140288402") or ("20180090992") or ("20060155180") or ("9975033") or ("7962285") or ("9738151") or ("10171940") or ("20190385438") or ("20030023360") or ("9610476") or ("9597567") or ("20150087942") or ("20080275327") or ("9485266") or ("8684922") or ("20170036771") or ("20080250869") or ("20170078223") or ("20130211976") or ("20190009721") or ("7766383") or ("20110093227") or ("20180360493") or ("20170299199") or ("20180095470") or ("20100081908") or ("20150276266") or ("20080228429") or ("20060142651") or ("20200077928") or ("20130082840") or ("20160008029") or ("20140081813") or ("9373207") or ("20150148638") or ("20190063891") or ("20070120347") or ("10299968") or				

		("20170169616") or ("20140066124") or ("20170263120") or ("10643406") or ("10542332") or ("8744418") or ("20170374436") or ("10628617") or ("10127810") or ("20050080566") or ("8560274") or ("9896202") or ("20160045145") or ("20160357188") or ("6958693") or ("7110880") or ("20170367452") or ("10263967") or ("20190064998") or ("8968198") or ("20180160949") or ("9836056") or ("20200117690") or ("20170065464") or ("20050268962") or ("20200077932") or ("20130201316") or ("20180296401") or ("20190209391") or ("20180270549") or ("20180360358") or ("8121808") or ("8133178") or ("10482743") or ("20070059196") or ("20050278098") or ("8886272") or ("20180176272") or ("20170269599") or ("6997638") or ("9843777") or ("20130267811") or ("20050031411") or ("9646439") or ("20080236275") or ("9448562") or ("10304311") or ("20190388667") or ("7819003") or ("20160357187") or ("20070173708") or ("20180070155") or ("20070038044") or ("9007229") or ("20180002018") or ("6757611") or ("20180360357") or ("9290153") or ("20160358477") or ("10039359") or ("8615282") or ("20080046200") or ("20160310051") or ("20190109904") or ("20200113515") or ("20150350862") or ("7857760") or ("20130082919") or ("10022277") or ("20140074696") or ("20070262574") or ("20190069817") or ("20170237946") or ("20170172222") or ("10308065") or ("20160342145") or ("9082103") or ("20080147278") or ("20190223773") or ("20200100713") or ("10447179")).PN. or (("9147297") or ("7085637") or ("20180174420") or ("10491971") or ("20140309885") or ("9711050") or ("9247900") or ("20070210566") or ("20160049051") or ("20190205115") or ("20140265565") or ("20200085350") or ("20060052983") or ("20050139363") or ("20160244011") or ("20060253239") or ("9536361") or ("20190125204") or ("20200085351") or ("20130193004") or ("8186711") or ("20200100714") or ("20190098090") or ("7778792") or ("6701238") or ("20180028091") or ("20050257827") or ("9082239") or ("20190003810") or ("20190246965") or ("9883209") or ("20070100527") or ("8938787") or ("20160240061") or ("20190299895") or ("9147296") or ("20170006340") or				

		("20160242680") or ("20150125832") or ("9710842") or ("20200095059") or ("20160357262") or ("20160048369") or ("20140070957") or ("20200120405") or ("20100198034") or ("7640048") or ("20150232065") or ("9015071") or ("10117005") or ("9724028") or ("20170258585") or ("20100052945") or ("9372123") or ("20080036252") or ("9946262") or ("20180186366") or ("20140309886") or ("20160048370") or ("20180034912") or ("20190199388") or ("20170247000") or ("9209851") or ("9020697") or ("10414494") or ("20170232888") or ("10598473") or ("20130174756") or ("7353136") or ("9931065") or ("20080189053") or ("20080046150") or ("20130267813") or ("10345775") or ("20160198129") or ("20150264572") or ("10374649") or ("9865176") or ("20170086519") or ("20160106349") or ("20150094030") or ("10188311") or ("20170287335") or ("20190341959") or ("20050060069") or ("20180278693") or ("20140307724") or ("9235941") or ("10058290") or ("20180278694") or ("9282893") or ("20190366962") or ("7174277") or ("10607413") or ("8231531") or ("20140309870") or ("20170075701") or ("20160075226") or ("8750955") or ("9071969") or ("9305411") or ("20190357818") or ("9668677") or ("20190069653") or ("20140309806") or ("20160070527") or ("20170133954") or ("20190363757") or ("7900736") or ("20170013464") or ("9378602") or ("7359782") or ("20150035680") or ("20160174841") or ("9526006") or ("10023117") or ("9142072") or ("10061287") or ("8382008") or ("20150294363") or ("20190163178") or ("10037689") or ("20140309869") or ("20080165018") or ("20140077946") or ("10582259") or ("9689824") or ("20130174754") or ("20130192332")).PN. or (("20180375940") or ("20160155326") or ("10335962") or ("20180140236") or ("20120092157") or ("10308256") or ("20140163425") or ("20070109111") or ("20150301565") or ("20130267812") or ("20190282131") or ("20160192039") or ("9613539") or ("20140172358") or ("10096255") or ("20180327091") or ("20140060366") or ("20160075175") or ("10314525") or ("20190114005") or ("20180124181") or ("9142071") or ("20040135684") or ("20200150077") or ("10005317") or ("10009581") or ("20190104715") or ("20160205419") or				

		("20200142368") or ("20180059660") or ("9784755") or ("20140310594") or ("20120304365") or ("20160009223") or ("9562873") or ("20080040004") or ("10259311") or ("20170078400") or ("10581347") or ("20140309880") or ("20200004791") or ("20140309868") or ("20160051173") or ("20140310610") or ("7630806") or ("20130288647") or ("20140310739") or ("20110190614") or ("20120260220") or ("9204796") or ("20160082772") or ("20140364772")).PN.				
S1042	1,477	361/679.56,679.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:25
S1043	1,630	307/650-653.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:25
S1044	1,026	267/136.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:25
S1045	1,322	702/141.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:25
S1046	3,997	H05K5/069,0086,03.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:29
S1047	8	((("BURDOUCCI") near3 ("Romello"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 11:29
S1048	785	((("ZADESKY") near3 ("Stephen")) OR (("HOBSON") near3 ("Phillip")) OR (("TAN") near3 ("Tang"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 11:35

S1049	2,924	H05K5/0217,0013.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:36
S1050	352	H04M1/0252.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:36
S1051	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:36
S1052	10,564	455/575.1-575.9.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:36
S1053	20,954	G06F1/1601,1613,1626,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:37
S1054	559	(("9729186") or ("10412846") or ("20190369668") or ("20090104949") or ("20070053504") or ("20130235538") or ("10509439") or ("10133107") or ("20170212377") or ("20200117235") or ("20120194998") or ("10656674") or ("9706024") or ("8457701") or ("20160337488") or ("8660621") or ("7311366") or ("20020104769") or ("7032984") or ("20060138913") or ("20190094906") or ("20120046076") or ("20190361496") or ("9710017") or ("9910520") or ("8060164") or ("20140075743") or ("10547719") or ("20090103250") or ("9912789") or ("20190253544") or ("8587939") or ("20160337489") or ("20170336829") or ("20160334897") or ("20110309728") or ("20130265703") or ("9185813") or ("10212833") or ("20060139898") or ("7664256") or ("20120088558") or ("20160174395") or ("20160062391") or ("20160066440") or ("7092520") or ("20110255259") or ("8964352") or ("9342105") or ("7558057") or ("20180213663") or ("8531833") or ("8917506") or ("20060171104") or ("9639123") or ("20190297741") or ("9402452") or ("10383241") or ("20140321052") or ("20150253819") or ("20140165379") or ("9298220") or ("20060160585") or ("10368457") or ("9866931") or ("20160066412") or ("20130279088") or ("10452097") or ("9286024") or ("8855728") or ("20130083470") or ("20180210495") or ("7782610") or ("20100029349") or ("7612997") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:38

		("20160065262") or ("20200137908") or ("20130334072") or ("20130222706") or ("8724304") or ("7889498") or ("20110031287") or ("20130221812") or ("20100321871") or ("20120106037") or ("7257432") or ("20100124040") or ("20130082585") or ("20160056856") or ("10419055") or ("8382059") or ("20050250563") or ("20130134291") or ("10394276") or ("9116655") or ("20180324964") or ("6978123") or ("20170149940") or ("6970210") or ("9267638") or ("10401904") or ("20130077221") or ("20180210497") or ("8526161") or ("9086836") or ("20180048342") or ("20170351164") or ("8171761") or ("10290441") or ("20100155265") or ("9538675") or ("20040036818") or ("10401902") or ("10203587") or ("7016712") or ("20170308123") or ("20040203507") or ("9513664") or ("20170213665") or ("10353439") or ("10474193") or ("8960634") or ("20200089282") or ("20030083019") or ("8706176") or ("20110255260") or ("20160378070") or ("20160378071") or ("20200026327") or ("10608690")).PN. or (("20060238440") or ("20140001022") or ("10620591") or ("20180210513") or ("20180074559") or ("20190372615") or ("20160378069") or ("20200053896") or ("20120199501") or ("10599101") or ("20150163936") or ("20160058375") or ("20030189759") or ("20180059729") or ("10206490") or ("7414594") or ("9871900") or ("20170049000") or ("10488888") or ("10613485") or ("20150331451") or ("10416726") or ("20180181163") or ("20160150062") or ("20170214777") or ("9513668") or ("10627783") or ("20190305237") or ("20170060182") or ("9621690") or ("9472917") or ("9203938") or ("8804317") or ("20160044800") or ("20160231783") or ("20030138097") or ("9143181") or ("10416711") or ("20020057792") or ("20180199454") or ("9086835") or ("20140218856") or ("20150256655") or ("7497733") or ("7058176") or ("20080311963") or ("20120113614") or ("20170013738") or ("9817444") or ("20130170117") or ("20170142240") or ("20130083477") or ("20160044148") or ("20180019778") or ("20190297738") or ("10019032") or ("10268245") or ("9256250") or ("20150370288") or ("10268237") or ("9888100") or ("20160195900") or ("9917935") or ("20180210511") or ("9557770") or ("20150323962") or ("20190342435") or ("20130265504") or ("20180210496") or ("20160198037") or ("9128666") or				

		("20150334211") or ("10268244") or ("20100035670") or ("20180167497") or ("7885403") or ("8346320") or ("20060239445") or ("9454179") or ("10404310") or ("20160195895") or ("9886056") or ("10582032") or ("20190182583") or ("20020137476") or ("6973186") or ("20180210510") or ("20160195896") or ("7697270") or ("20190343260") or ("10609832") or ("20140066144") or ("20090079698") or ("20130294640") or ("8264463") or ("20080070644") or ("20090021899") or ("20180069585") or ("20130120914") or ("9750152") or ("9857836") or ("20040169044") or ("10530912") or ("9904317") or ("10182623") or ("20100157548") or ("10461795") or ("8982544") or ("20190110561") or ("8773848") or ("20190310686") or ("10171896") or ("20160044816") or ("20070205986") or ("10433438") or ("20190199840") or ("9300345") or ("20180132020") or ("10085523") or ("10200517") or ("9768822") or ("20160040698") or ("20190261519") or ("20160221721") or ("20180063305") or ("20180249586") or ("20180337704") or ("10007295") or ("10264857")).PN. or (("10144551") or ("9668597") or ("20190253550") or ("10524044") or ("20160037870") or ("9877549") or ("20170170863") or ("10396843") or ("10575602") or ("9223346") or ("20190216178") or ("9660684") or ("20150036864") or ("7239700") or ("9106728") or ("7672451") or ("20190053584") or ("8718725") or ("9894964") or ("10599186") or ("20130258205") or ("20160037876") or ("10274996") or ("20120020509") or ("20130083464") or ("20140364177") or ("20120281380") or ("9778685") or ("20150191124") or ("20070121307") or ("9313305") or ("20170225833") or ("9363591") or ("20160040695") or ("20170031385") or ("20160037877") or ("7405703") or ("10123593") or ("20180198901") or ("9943018") or ("20090019668") or ("9866676") or ("20100022268") or ("10277731") or ("9559741") or ("20150027912") or ("20130294020") or ("7088294") or ("20080287171") or ("8478369") or ("20180292862") or ("10361741") or ("20160234362") or ("20170237460") or ("9614569") or ("8032194") or ("7612726") or ("20190349018") or ("9615476") or ("20160242331") or ("20180210512") or ("20180146084") or ("10292317") or ("8390412") or ("20180125178") or ("9198317") or ("9317243") or ("20060220969") or ("20050270240") or				

		("9756739") or ("20110275422") or ("9578149") or ("9185816") or ("9846452") or ("7599721") or ("20200019214") or ("20060053847") or ("9399316") or ("7629074") or ("20100120479") or ("7839343") or ("20150208526") or ("20100137040") or ("7225003") or ("20190134867") or ("20190053613") or ("9213428") or ("20150241917") or ("20190132016") or ("8143983") or ("20160099741") or ("20130083558") or ("20070243906") or ("9639119") or ("20200092408") or ("20140198466") or ("8887902") or ("20180228061") or ("9560179") or ("20120275100") or ("20160254836") or ("20130127309") or ("20190253538") or ("8224405") or ("7031762") or ("20060205269") or ("20170083046") or ("10334092") or ("20150305461") or ("20140233167") or ("10261541") or ("8995126") or ("7031758") or ("20110188180") or ("10079923") or ("20180032107") or ("20060025185") or ("20180143663") or ("8706174") or ("9874901") or ("20170196112") or ("9992888") or ("20130027862") or ("20180077810") or ("20180191881") or ("20110186345") or ("20190215026") or ("8551283") or ("8797721") or ("10609473") or ("20070206116")).PN. or (("20040198307") or ("20140144792") or ("8531834") or ("9098242") or ("9276626") or ("20160062398") or ("20120282983") or ("20150061477") or ("20150189769") or ("20060099837") or ("9930444") or ("10574799") or ("20130093300") or ("20150171913") or ("10236928") or ("20130328462") or ("20180091897") or ("8594755") or ("20170251087") or ("20130314611") or ("9606579") or ("20160048165") or ("9438707") or ("20090215412") or ("20120314354") or ("20090264160") or ("9604686") or ("10342323") or ("20190243415") or ("20150195938") or ("9125298") or ("9904501") or ("9971383") or ("10524033") or ("9402016") or ("20170090512") or ("20200057525") or ("20080037770") or ("20120281381") or ("20170205923") or ("8289114") or ("20190335258") or ("9886059") or ("7616975") or ("8203656") or ("20130296004") or ("10514877") or ("10090877") or ("20150181737") or ("20160041583") or ("20170364121") or ("20030013490") or ("20180091896") or ("20180227664") or ("7991147") or ("20160134732") or ("9462098") or ("20130083469") or ("7542565") or ("9946505") or ("7353052") or ("8624111") or ("20180270971") or				

		("20110310314") or ("20060200943") or ("20200107099") or ("20120069503") or ("20060177048") or ("20160098064") or ("20150191126") or ("20060034041") or ("20190380218") or ("20060217164") or ("20130088447") or ("6470175") or ("9232670") or ("20050176475") or ("20050124397") or ("9769929") or ("20100142127") or ("8150480") or ("8050023") or ("20130076597") or ("20120327565") or ("9176701") or ("9497697") or ("9013867") or ("9645607") or ("10299554") or ("20180232191") or ("20130083467") or ("8805461") or ("20180181361") or ("7082324") or ("10045447") or ("20180206607") or ("20070115269") or ("10520984") or ("20160116943") or ("9439314") or ("20110187245") or ("9955762") or ("20120069540") or ("20110263304") or ("8374658") or ("8534487") or ("8814128") or ("20080037771") or ("20100328856") or ("20190273336") or ("7304837") or ("20190121391") or ("20130214018") or ("20200065047") or ("20150173497") or ("9229675") or ("6347218") or ("20130252679") or ("20190278332") or ("20170086551") or ("20160066459") or ("20160054537") or ("20130083468") or ("10179281") or ("8564950") or ("7266397") or ("20200076057") or ("20100061040") or ("10180702")).PN. or (("20140152890") or ("9300344") or ("20090122473") or ("9900999") or ("20130279142") or ("20070115621") or ("9992313") or ("10542802") or ("10254795") or ("10179280") or ("9690258") or ("9549598") or ("9469469") or ("20140092531") or ("8014134") or ("9380723") or ("20040110540") or ("8126138") or ("20050270242") or ("7697281") or ("20100124003") or ("20160095241") or ("20160327987") or ("20180091879") or ("10630822") or ("20100154171") or ("20180299924") or ("20160057879") or ("20070247389") or ("8917985") or ("20150342308") or ("9247349") or ("20190339746") or ("20180092229") or ("7266399") or ("20100146766") or ("7982677") or ("20160056855") or ("7091911") or ("8274437")).PN.				
S1055	13	("20020044136" | "20030161093" | "20060198094" | "20080048971" | "20080137271" | "20080214250" | "5257164" | "6014552" | "6052279" | "6462938" | "6532152" | "6842333" | "7072624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 11:54

S1056	886	((("WANG") near3 ("Paul")) OR (("LEHMANN") near3 ("Alex")) OR (("GAO") near3 ("Zheng"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 11:59
S1057	60,395	G06F3/0202,0213,0236,041,044,04886.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:03
S1058	941	H03K17/96,9618,967,972.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:03
S1059	27,171	g06f1/1679,1607,1616,1618,1624,1637,166,1632,1633,1654.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:03
S1060	5	("20070119693" | "20110267285" | "20120092263" | "20150192960" | "20160049266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:10
S1061	43	("2016/0049266").URPN.	USPAT	OR	OFF	2020/05/25 12:19
S1062	3	("2015/0192960").URPN.	USPAT	OR	OFF	2020/05/25 12:20
S1063	64	("2012/0092263").URPN.	USPAT	OR	OFF	2020/05/25 12:20
S1064	2	("2011/0267285").URPN.	USPAT	OR	OFF	2020/05/25 12:21
S1065	1	("2007/0119693").URPN.	USPAT	OR	OFF	2020/05/25 12:21
S1066	113	S1061 S1062 S1063 S1064 S1065	USPAT	OR	OFF	2020/05/25 12:21
S1067	4	S1066 and (glass near3 (key$1 or keypad$1 or keyboard$1))	USPAT	OR	OFF	2020/05/25 12:22

S1068	4	S1066 and (glass near4 (key$1 or keypad$1 or keyboard$1))	USPAT	OR	OFF	2020/05/25 12:22
S1069	6	S1066 and (glass near5 (key$1 or keypad$1 or keyboard$1))	USPAT	OR	OFF	2020/05/25 12:22
S1070	11	(("20190265751") or ("20170177025") or ("10289158") or ("20150261254") or ("9594402") or ("20030081395") or ("20190288325") or ("20150111088") or ("10320025") or ("8917517") or ("20110176283")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:30
S1071	7,579	361/679.01,679.02,679.03.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:35
S1072	0	G06F1/163,1635,1643,1652	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:36
S1073	669	((("HIROKI") near3 ("Masaaki")) OR (("FURUMATSU") near3 ("Daisuke"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 12:37
S1074	17,808	G06F1/163,1635,1643,1652.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:37
S1075	1,848	((("PEIL") near3 ("Brian")) OR (("AOKI") near3 ("Russell")) OR (("MAGI") near3 ("Aleksander")) OR (("EDWARDS") near3 ("James")) OR (("NGUYEN") near3 ("Don")) OR (("OAKLEY") near3 ("Nicholas")) OR (("LOI") near3 ("Daria")) OR (("GUPTA") near3 ("Meenakshi")) OR (("JEGANATHAN") near3 ("Nithyananda"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 12:38
S1076	75	(("20180307275") or ("20150263565") or ("9401621") or ("20150011160") or ("20190237985") or ("9088305") or ("20130205060") or ("20150318898") or ("9319109") or ("20160134149") or ("10084338") or ("20180074547") or ("10122184") or ("20160072327") or ("20160006291") or ("20140242911") or ("20160118179") or ("9806555") or ("20150084583") or ("9559754") or ("9979236") or ("20160141884") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:38

		("20150035474") or ("8527688") or ("8559659") or ("20120294463") or ("9325187") or ("9577448") or ("9444276") or ("20130307468") or ("20140191713") or ("20140347008") or ("9461479") or ("20150008876") or ("20080278899") or ("9831030") or ("20170090516") or ("7352567") or ("20180098366") or ("20070035917") or ("20100177476") or ("9263910") or ("8234509") or ("20150222138") or ("7715187") or ("9444289") or ("10039147") or ("20180062420") or ("7916467") or ("9825672") or ("20200044493") or ("10468919") or ("9729003") or ("20130062961") or ("9742214") or ("9094059") or ("20190369665") or ("20150008756") or ("20120299389") or ("20160043590") or ("8385822") or ("20170003713") or ("20140266021") or ("10429890") or ("10135260") or ("20160164308") or ("8712324") or ("20130332641") or ("20140359188") or ("20190058332") or ("9329633") or ("20180198312") or ("9692248") or ("20120225622") or ("20140065956")).PN.				
S1077	9,313	g06f1/1632.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:42
S1078	7,699	H02J50/80.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:42
S1079	19,858	H02J7/0027,0044,025.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:43
S1080	2,917	361/679.4-679.45.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:43
S1081	75	(("20180307275") or ("20150263565") or ("9401621") or ("20150011160") or ("20190237985") or ("9088305") or ("20130205060") or ("20150318898") or ("9319109") or ("20160134149") or ("10084338") or ("20180074547") or ("10122184") or ("20160072327") or ("20160006291") or ("20140242911") or ("20160118179") or ("9806555") or ("20150084583") or ("9559754") or ("9979236") or ("20160141884") or ("20150035474") or ("8527688") or ("8559659") or ("20120294463") or ("9325187") or ("9577448") or ("9444276") or ("20130307468") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:53

		("20140191713") or ("20140347008") or ("9461479") or ("20150008876") or ("20080278899") or ("9831030") or ("20170090516") or ("7352567") or ("20180098366") or ("20070035917") or ("20100177476") or ("9263910") or ("8234509") or ("20150222138") or ("7715187") or ("9444289") or ("10039147") or ("20180062420") or ("7916467") or ("9825672") or ("20200044493") or ("10468919") or ("9729003") or ("20130062961") or ("9742214") or ("9094059") or ("20190369665") or ("20150008756") or ("20120299389") or ("20160043590") or ("8385822") or ("20170003713") or ("20140266021") or ("10429890") or ("10135260") or ("20160164308") or ("8712324") or ("20130332641") or ("20140359188") or ("20190058332") or ("9329633") or ("20180198312") or ("9692248") or ("20120225622") or ("20140065956")).PN.				
S1082	4	S1081 and gigabyte	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:54
S1083	33	S1081 and (highspeed or (high near speed))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:54
S1084	4	S1082 and S1083	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:54
S1085	4	S1083 and giga$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 12:55
S1086	1,963	A47B23/042.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:13
S1087	2,280	E05B73/0082,00,0005.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:13
S1088	1,135	E05B65/006,0067.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:13

S1089	513	E05B27/00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1090	402	A47F3/002.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1091	558	A47F7/024.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1092	4,731	G06F21/86,88.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1093	12,769	g06f1/1656,1681.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1094	2,116	361/679.57-679.58.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:14
S1095	541	((("ALLEN") near3 ("Peter"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/05/25 13:15
S1096	74	(("20190281715") or ("10303216") or ("20200073438") or ("10067533") or ("20180252003") or ("20150098184") or ("20150116926") or ("20130206942") or ("9581291") or ("20150116927") or ("20200040615") or ("8619416") or ("20130088830") or ("9680532") or ("9891666") or ("20160320801") or ("20130049682") or ("20150270875") or ("9059591") or ("20150083885") or ("7573706") or ("20160062400") or ("9367091") or ("7894180") or ("20100073862") or ("7298611") or ("9036343") or ("9429994") or ("20080003860") or ("20080002351") or ("8179672") or ("7426108") or ("20080002352") or ("9434319") or ("20160193968") or ("20120224321") or ("9267638") or ("7583495") or ("7808779") or ("20080002355") or ("8882069") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:16

		("20140069710") or ("7916467") or ("8986029") or ("20150237750") or ("20080002354") or ("20100134984") or ("7352567") or ("7508661") or ("7715187") or ("20080002353") or ("20130033807") or ("20080278899") or ("20100177476") or ("20140006669") or ("20070035917") or ("10061354") or ("7417855") or ("9845912") or ("7315453") or ("20180087710") or ("20170276289") or ("20080002345") or ("20080002369") or ("20180031172") or ("20130166808") or ("20130050933") or ("20180107248") or ("8241050") or ("8910990") or ("9074724") or ("8323040") or ("20110261509") or ("20100062615")).PN.				
S1097	6	("20020157431" | "20040261474" | "4978949" | "6212921" | "6216499" | "6742366").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/05/25 13:28
S1121	3	"20150138723"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/05 22:35
S1122	5	("20120242635" | "20180126704" | "20130177302" | "20180113241" | "20170003716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 09:48
S1123	14,836	((("SEO") near3 ("Youngmin")) OR (("LEE") near3 ("Youngsoo")) OR (("KIM") near3 ("Min")) OR (("KIM") near3 ("Yongha"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/08 10:54
S1124	14	(("20190025880") or ("20100044553") or ("20100044815") or ("20130177302") or ("20180321571") or ("20140176779") or ("8684613") or ("10018891") or ("20180126704") or ("20190158641") or ("10609191") or ("20200045155") or ("20190144332") or ("20200014415")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 10:55
S1125	25	(("20190025880") or ("20200014415") or ("20130177302") or ("20180321571") or ("20140176779") or ("8684613") or ("10018891") or ("20190158641") or ("20180126704") or ("10609191") or ("20190144332") or ("20100044553") or ("20200053896") or ("10551722") or ("20200177771") or ("9716815") or ("20130176484") or ("20190025673") or ("10133156") or ("D862407") or ("20100044815") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 10:55

		("10386889") or ("20180249586") or ("10324496") or ("20200045155")).PN.				
S1126	1	"20190258294"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:33
S1127	293	(("20190258294") or ("20140192492") or ("9048665") or ("20160112086") or ("20140195180") or ("20140195826") or ("20140192481") or ("9912367") or ("9231410") or ("9774192") or ("20180150109") or ("9541965") or ("20190086963") or ("9886062") or ("20170038641") or ("20150248142") or ("20150196456") or ("20160109906") or ("9927650") or ("10496135") or ("9326912") or ("10579101") or ("10082829") or ("9946302") or ("9690328") or ("20140078412") or ("20160116941") or ("20190033913") or ("20140191724") or ("20140071081") or ("9811188") or ("20180196537") or ("9084357") or ("20160316574") or ("10248233") or ("20180052491") or ("10088865") or ("10503209") or ("20090284215") or ("9671823") or ("20190293484") or ("20160266672") or ("10073211") or ("20170222683") or ("9729187") or ("9423830") or ("10289155") or ("20180074345") or ("20190335028") or ("20140361081") or ("9160189") or ("20180197463") or ("20190227593") or ("8844817") or ("10503204") or ("20140268519") or ("10299553") or ("8684613") or ("20170311465") or ("20140191034") or ("10133156") or ("20180247990") or ("20170271421") or ("9826652") or ("10304919") or ("20120052724") or ("9997576") or ("9876522") or ("20180321571") or ("20130177302") or ("20140196830") or ("8632363") or ("8243424") or ("9465458") or ("20110019123") or ("10139879") or ("8937689") or ("9590377") or ("20170228002") or ("20150248149") or ("20160133222") or ("20150116919") or ("9710033") or ("10613586") or ("20140176779") or ("20190107876") or ("20160119013") or ("9680518") or ("20180074553") or ("20110255850") or ("9983621") or ("10018891") or ("10185113") or ("20150365120") or ("9264088") or ("20190101960") or ("20150243937") or ("20130148031") or ("20190253539") or ("20110255250") or ("20130169590") or ("20140191033") or ("20180196560") or ("20190086760") or ("8910863") or ("20170154947") or ("20160327989") or ("10424632") or ("20190335027") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:34

		("20200057525") or ("10564749") or ("9626024") or ("20190335026") or ("20160313768") or ("9964793") or ("10120515") or ("10241377") or ("10021798") or ("7957123") or ("9785299") or ("20160234949") or ("20100091439") or ("20150116268") or ("20170242290") or ("20150137734") or ("20130063885") or ("20170320532") or ("9819815") or ("20110176395") or ("9178374")).PN. or (("9578759") or ("20160353616") or ("8896995") or ("20150205184") or ("8305744") or ("9674965") or ("20150172431") or ("20190364680") or ("9286024") or ("10150527") or ("20110019354") or ("20190014672") or ("20110279961") or ("8824140") or ("8292493") or ("20180218859") or ("20190106173") or ("20160345449") or ("20120069517") or ("9439305") or ("20150016058") or ("9411213") or ("7907394") or ("20150111088") or ("9430077") or ("20180164749") or ("20090009945") or ("20160147264") or ("10320025") or ("20090196124") or ("20190288325") or ("9360696") or ("20160170250") or ("20120194974") or ("10116777") or ("10398043") or ("20170213872") or ("20160109852") or ("8922985") or ("10201089") or ("20130292281") or ("20180217668") or ("10656714") or ("9848494") or ("20170308188") or ("20140020947") or ("6094404") or ("20120037524") or ("7946758") or ("9516149") or ("20190333969") or ("20180249586") or ("20180217669") or ("10374018") or ("20170310353") or ("20180204884") or ("20100061055") or ("20150163940") or ("9906259") or ("20150349831") or ("20150378391") or ("20170034918") or ("20140160367") or ("20170023979") or ("10228729") or ("20180343332") or ("20180302994") or ("20180054897") or ("20200084310") or ("7869206") or ("20050174727") or ("20130176484") or ("7180735") or ("20180329367") or ("20170062528") or ("20130021280") or ("20150261254") or ("20190025673") or ("9614941") or ("10616387") or ("20140293169") or ("10551722") or ("20200093013") or ("20200014415") or ("20130083470") or ("8777002") or ("10325966") or ("20160141567") or ("9594402") or ("9153978") or ("20190296089") or ("7312984") or ("20190166235") or ("20070139873") or ("20150351168") or ("20130057785") or ("20200099002") or ("20180138937") or ("9402122") or ("7697281") or ("20100061040") or				

		("20100327737") or ("20170248922") or ("10289163") or ("10289158") or ("6399903") or ("10397382") or ("20150175333") or ("20030040781") or ("10180702") or ("10318021") or ("20170235341") or ("8476828") or ("9346403") or ("20140043740") or ("20100146766") or ("8250724") or ("20140211388") or ("20190121391") or ("20170177025") or ("8976512") or ("20120025766") or ("20100078343") or ("20190243492") or ("20180175322") or ("20150255740") or ("8929068") or ("20190265751")).PN. or (("20200052231") or ("20110090626") or ("8917496") or ("9781846") or ("20190138060") or ("8893373") or ("9213375") or ("9899626") or ("20200106062") or ("20170033287") or ("20150014214") or ("10394274") or ("20160157372") or ("20140211387") or ("9725359") or ("20170099074") or ("20130077221") or ("20190043928") or ("9116655") or ("9939850") or ("20170192462") or ("9735827") or ("20090059485") or ("20170164703") or ("20140063821") or ("20130002554") or ("6498951") or ("20160264054") or ("20160259377") or ("10044396") or ("9941475") or ("10419589") or ("20180059718") or ("9778685") or ("10261545")).PN.				
S1128	13	("20020044136" | "20030161093" | "20060198094" | "20080048971" | "20080137271" | "20080214250" | "5257164" | "6014552" | "6052279" | "6462938" | "6532152" | "6842333" | "7072624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:39
S1129	267	haughton.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:41
S1130	1,418	haughton.xp.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:41
S1131	1,685	S1129 S1130	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:41
S1132	10	S1131 and (glass near hous$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:42

S1133	0	S1132 and battery.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:42
S1134	0	S1128 and (glass near3 hous$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:55
S1135	2	S1128 and (glass)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:55
S1136	12	S1131 and (glass near (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 11:56
S1137	32	S1131 and (glass near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:00
S1138	20	S1137 not S1136	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:04
S1139	4,822	g06f1/1637.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:12
S1140	801	g06f1/1633.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:12
S1141	245	S1139 and (glass near3 hous$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:12
S1142	40	S1140 and (glass near3 hous$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:12
S1143	38	S1141 and ((curv$3) near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:13
S1144	15	S1142 and ((curv$3) near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:13

S1145	360	S1139 and (glass near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:13
S1146	53	S1140 and (glass near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:13
S1147	86	S1127 and (glass near3 hous$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:14
S1148	53	S1143 S1144	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:15
S1149	56	S1145 and ((curv$3) near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:16
S1150	93	S1123 and ((curv$3) near3 (cas$3 or hous$3 or enclosure$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:16
S1151	4	("2015/0043139").URPN.	USPAT	OR	OFF	2020/06/08 12:20
S1152	59	S1149 S1150	USPAT	OR	OFF	2020/06/08 12:29
S1153	44	S1152 not S1148	USPAT	OR	OFF	2020/06/08 12:29
S1154	0	S1139 and (crack-proof or (crack near proof))	USPAT	OR	OFF	2020/06/08 12:41
S1155	0	S1140 and (crack-proof or (crack near proof))	USPAT	OR	OFF	2020/06/08 12:41
S1156	0	(crack-proof or (crack near proof)) near3 paint	USPAT	OR	OFF	2020/06/08 12:41
S1157	0	(crack-proof or (crack near proof)) near5 paint	USPAT	OR	OFF	2020/06/08 12:41

S1158	1	(crack-proof or (crack near proof)) near5 paint	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:42
S1159	770	(crack) near5 paint	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:43
S1160	1	S1139 and ((crack) near2 paint)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:43
S1161	0	S1140 and ((crack) near2 paint)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:43
S1162	0	S1140 and ((crack$3) near2 paint)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:43
S1163	1	S1139 and ((crack$3) near2 paint)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 12:43
S1164	58	(crack-proof or (crack near proof))	USPAT	OR	OFF	2020/06/08 12:44
S1165	23	S1164 and glass	USPAT	OR	OFF	2020/06/08 12:44
S1166	2,043,154	S1165 an display$3	USPAT	OR	OFF	2020/06/08 12:44
S1167	2	S1165 and display$3	USPAT	OR	OFF	2020/06/08 12:45
S1168	50	((("LIN") near3 ("YI-CHING")) OR (("LEE") near3 ("TING-CHU"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/08 13:08
S1169	4,989	g06f1/1635,1641,1643,1652,1683.cpc.	USPAT	OR	OFF	2020/06/08 13:52

S1170	6,151	g06f1/263,26.cpc.	USPAT	OR	OFF	2020/06/08 13:52
S1171	20,043	((("YAMAZAKI") near3 ("Shunpei")) OR (("ISHIKAWA") near3 ("Jun"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/08 13:55
S1172	423	((("QUINN") near3 ("Liam")) OR (("ROBINETTE") near3 ("Christopher")) OR (("KNOPPERT") near3 ("Michiel"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/08 13:55
S1173	21	((("WAGGENER") near3 ("William"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/08 13:59
S1174	20,842	g06f1/1616,1652,1656.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:10
S1175	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:10
S1176	61	(("20190129477") or ("20190132968") or ("20180099755") or ("20200039653") or ("10479510") or ("7724516") or ("20070236881") or ("10041792") or ("6253126") or ("20170191829") or ("5796612") or ("20050013340") or ("7290924") or ("20190309762") or ("3080717") or ("4358781") or ("20200080646") or ("10237926") or ("20200080440") or ("20170135161") or ("4015272") or ("3035607") or ("20190071995") or ("20060001721") or ("20080022652") or ("3224277") or ("3971510") or ("20080158324") or ("7354146") or ("20130340428") or ("2651434") or ("9068535") or ("20140311371") or ("20100096380") or ("9109864") or ("6450193") or ("8319155") or ("4059520") or ("3040520") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:17

		("20160233471") or ("5942682") or ("4915669") or ("2473372") or ("4639196") or ("7806365") or ("20050248636") or ("3169003") or ("5940982") or ("10141554") or ("6206644") or ("2938658") or ("4155959") or ("7175267")).PN.				
S1177	248	(("20200042048") or ("20200042045") or ("10254803") or ("9983637") or ("20060125796") or ("10476011") or ("20190237685") or ("20110271597") or ("8647012") or ("20010005966") or ("20010005967") or ("20010050657") or ("6550209") or ("5787671") or ("6202379") or ("6463709") or ("10503207") or ("6433758") or ("5992120") or ("20190166703") or ("10296053") or ("20200042047") or ("10503215") or ("20200137908") or ("20070201199") or ("20160362918") or ("7239504") or ("7602606") or ("20150013107") or ("8938856") or ("20070201200") or ("20180253124") or ("9562380") or ("7631410") or ("10101774") or ("20090242233") or ("20060023408") or ("6798649") or ("10296052") or ("20200159290") or ("20200159293") or ("20200042046") or ("20170284457") or ("9420913") or ("20140326231") or ("10344797") or ("10143334") or ("20180324964") or ("10310556") or ("20190227598") or ("20170071400") or ("9348450") or ("20150043136") or ("20190033920") or ("10466747") or ("20190086956") or ("7845877") or ("10120421") or ("20190018459") or ("20200133426") or ("9983620") or ("10082838") or ("20190033925") or ("10429903") or ("20180032109") or ("20080075529") or ("8483784") or ("20200159289") or ("20200064892") or ("20200042042") or ("10592051") or ("20110151947") or ("20200133339") or ("10061359") or ("20180220537") or ("20050002158") or ("20190292827") or ("20190380218") or ("20180077810") or ("20200080357") or ("20200166969") or ("20200015370") or ("20180270971") or ("20130286562") or ("9992888") or ("20200010126") or ("10564682") or ("20200166971") or ("10440838") or ("10433438") or ("10292280") or ("20200163239") or ("20170347466") or ("20170361881") or ("9192061") or ("10290240") or ("20200159336") or ("20180056741") or ("20080122736") or ("20140034793") or ("20200097050") or ("7310072") or ("8870140") or ("20020190923") or ("20200178410") or ("10471787") or ("9204565") or ("9983627") or ("6421031") or ("6683584") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:17

		("5594619") or ("8040292") or ("20090036181") or ("5410447") or ("8561955") or ("5268817") or ("20020163486") or ("20110263304") or ("20180113491") or ("20160138752") or ("8374658") or ("20160316575") or ("5481430") or ("20170131741") or ("9371956") or ("10352354") or ("8860632") or ("20100085274") or ("10079270") or ("9720447")).PN. or (("20200170327") or ("20080055832") or ("20100171014") or ("20190029135") or ("20190019846") or ("10066429") or ("20170196329") or ("20120037285") or ("20120217766") or ("10664012") or ("9156392") or ("20190021465") or ("8336142") or ("6452572") or ("20160169441") or ("20200117284") or ("5815126") or ("20120113614") or ("20180275725") or ("8804317") or ("9739414") or ("20170061836") or ("20150052854") or ("10274997") or ("6149021") or ("9783978") or ("20090231785") or ("9786207") or ("20110050541") or ("20170365197") or ("8312991") or ("8947870") or ("10085531") or ("20060030381") or ("20130075281") or ("9603425") or ("7623342") or ("20160031493") or ("9944235") or ("10032391") or ("20150346770") or ("10015897") or ("4208028") or ("9400523") or ("7367638") or ("20160113453") or ("8875879") or ("7194840") or ("20160146529") or ("20130258586") or ("7404236") or ("10429904") or ("20190107245") or ("10495254") or ("10082839") or ("20130163158") or ("20190018458") or ("20120328222") or ("20150296946") or ("20100039758") or ("20200110241") or ("7478889") or ("20100079355") or ("7995332") or ("8836611") or ("5261735") or ("20150136928") or ("10491725") or ("8713757") or ("20090045636") or ("20060191104") or ("20060267466") or ("20040250381") or ("20200092405") or ("20100285852") or ("20200162595") or ("9451818") or ("9931581") or ("20170255232") or ("20130098782") or ("20180275717") or ("20180088630") or ("20160085265") or ("20170123455") or ("20190306985") or ("20190369668") or ("20110192839") or ("9845117") or ("10006196") or ("20150212546") or ("20160021769") or ("20160124466") or ("7188391") or ("20160320797") or ("10457338") or ("10101075") or ("7140074") or ("20130309941") or ("20200022269") or ("9964995") or ("20060082518") or ("10480225") or ("8338767") or ("20170129550") or ("20120017961") or ("20120037523") or ("20100288170") or ("9600035") or ("20060101718") or ("10601967") or ("9009984") or ("20150275557") or ("10133303") or				

		("10234191") or ("20050200251") or ("20120223872") or ("20090102744") or ("20060268501")).PN.				
S1178	280	(("10613586") or ("20180074553") or ("10481638") or ("20170139442") or ("20200117241") or ("20170038641") or ("20180375976") or ("10334090") or ("20180213663") or ("20180077810") or ("10433438") or ("20190380218") or ("9992888") or ("9253294") or ("20180210495") or ("20180270971") or ("20120092815") or ("10383241") or ("10452097") or ("20140187296") or ("9319497") or ("20180375975") or ("20180210512") or ("20130120912") or ("20070149260") or ("10274996") or ("10244088") or ("20190258295") or ("10488887") or ("20190163241") or ("20180210497") or ("10528079") or ("10627868") or ("20180210511") or ("10394276") or ("20180059721") or ("7711112") or ("20050177978") or ("20150248149") or ("20180095502") or ("10268245") or ("9710033") or ("20140340829") or ("7289627") or ("10139879") or ("20170228002") or ("20190107876") or ("20140211108") or ("20180210496") or ("10416726") or ("8405978") or ("20120218690") or ("9887722") or ("20170099072") or ("10268237") or ("20130176668") or ("8755181") or ("20170295654") or ("10104788") or ("20100151923") or ("20180210510") or ("20200060020") or ("20180210513") or ("10268244") or ("8204560") or ("20160202727") or ("20190212781") or ("20190394894") or ("20040127266") or ("6839576") or ("20130314611") or ("8331996") or ("20150062927") or ("9729683") or ("9460643") or ("20080044007") or ("20200137908") or ("20160094691") or ("20190004764") or ("20060148540") or ("20130083463") or ("7796749") or ("20050264460") or ("10602623") or ("9363913") or ("10606318") or ("7269255") or ("20190369668") or ("20120218732") or ("7262736") or ("20190166703") or ("20120218691") or ("20140355210") or ("10228729") or ("20200043382") or ("20090061961") or ("20170023979") or ("10271438") or ("7719609") or ("20170006716") or ("20120218692") or ("20120206896") or ("20120194984") or ("8867200") or ("20120275099") or ("20190069451") or ("20090104949") or ("20190361502") or ("20020107055") or ("10318061") or ("20120212924") or ("20120275126") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:18

		("20190261519") or ("20200100372") or ("20180324964") or ("20140355196") or ("9274557") or ("20120162048") or ("10170524") or ("8902129") or ("9007780") or ("20160307969") or ("20130286299") or ("20150055286") or ("9377817") or ("8369097") or ("8019394") or ("20200068054")).PN. or (("20090005131") or ("20160130849") or ("20200117245") or ("20130155598") or ("10041282") or ("20150378399") or ("10000954") or ("20110310572") or ("10606541") or ("20130257712") or ("9497697") or ("20200170128") or ("6549789") or ("20180242446") or ("20130077236") or ("20180039471") or ("20020016182") or ("20180110139") or ("20190223301") or ("20100222111") or ("20190354144") or ("10104787") or ("9785198") or ("10306783") or ("20130100601") or ("9507376") or ("20180077806") or ("10531583") or ("20170346164") or ("20190354138") or ("20190005857") or ("20040252220") or ("10629982") or ("20050215296") or ("20180068609") or ("10139660") or ("9918395") or ("8711554") or ("20190163007") or ("6633749") or ("8275421") or ("10431129") or ("20150062525") or ("20190018454") or ("10514877") or ("20170227807") or ("10613362") or ("20110164363") or ("20120147535") or ("10571962") or ("9823701") or ("20160252934") or ("20090221335") or ("20130286297") or ("9274552") or ("20140328041") or ("9504170") or ("20190011955") or ("7599720") or ("9904501") or ("20190053388") or ("20200174646") or ("8180418") or ("20130135837") or ("8842424") or ("20200117233") or ("7667962") or ("9582043") or ("20140126133") or ("10082829") or ("20050225952") or ("10180704") or ("20160048165") or ("20180181361") or ("20200135419") or ("20180260072") or ("20130076597") or ("20140126121") or ("20140123436") or ("20190033913") or ("8971032") or ("20160116941") or ("9645607") or ("9013864") or ("20200136231") or ("9983637") or ("20160116943") or ("20180046225") or ("20170185104") or ("20190339745") or ("9964989") or ("20130335644") or ("8279592") or ("20060061555") or ("20160062414") or ("20150305173") or ("6917824") or ("9176701") or ("9927845") or ("20190339739") or ("20060229116") or ("20020173281") or ("20130083467") or ("9575513") or ("20190364682") or ("20110285647") or				

		("20130088447") or ("20050282593") or ("20140226272") or ("20060046792") or ("20180356864") or ("10394277") or ("20180335800") or ("20180188780") or ("8947863") or ("9690385") or ("20160062484") or ("20140313426") or ("7142898") or ("20140293525") or ("20120229686") or ("9363459") or ("20200051468") or ("10588228") or ("9377807") or ("9280181") or ("10146267") or ("20140254077")).PN. or (("20130082955") or ("10459493") or ("9851751") or ("20100234073") or ("20060058079") or ("20160170444") or ("9317243") or ("20170147032") or ("20170142241") or ("7321789") or ("20130286562") or ("20170126983") or ("20050158617") or ("8766921") or ("20120162951") or ("20150229844") or ("20170315589") or ("9286024") or ("10075569") or ("10264184") or ("20190007533") or ("20130083464") or ("20180188774") or ("20170364118")).PN.				
S1179	1,638	g06f1/182.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:25
S1180	2,924	B64D45/00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:25
S1181	0	B64D435/00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:26
S1182	5,563	H05K5/0213,0217,0247.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:26
S1183	230	B64D2045/0065.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/08 14:26
S1191	2	"20090247237"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/15 16:31
S1192	1	"8333355".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/16 09:14

S1193	1	"9059505".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/17 14:06
S1194	13	("20020044136" | "20030161093" | "20060198094" | "20080048971" | "20080137271" | "20080214250" | "5257164" | "6014552" | "6052279" | "6462938" | "6532152" | "6842333" | "7072624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 01:04
S1195	13	("20020044136" | "20030161093" | "20060198094" | "20080048971" | "20080137271" | "20080214250" | "5257164" | "6014552" | "6052279" | "6462938" | "6532152" | "6842333" | "7072624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 01:19
S1196	4	S1195 AND SNAP	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 01:20
S1197	6	S1195 AND METAL	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 01:20
S1198	2	S1196 AND S1197	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 01:20
S1199	3	("20180143669" | "20180150153" | "20180188874").PN.	US-PGPUB; USPAT	OR	OFF	2020/06/22 10:29
S1200	9	("20130307788" | "20140253477" | "20060197753" | "20060284858" | "20150153887" | "20160103544" | "20110227836" | "20170371470" | "20150363019").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 10:51
S1201	10	("20040206190" | "5008497" | "20150324056" | "20140253477" | "20160147375" | "20040119676" | "9435939" | "20060190836" | "20020196238" | "20170357440").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 11:01
S1202	5	("20100127992" | "20150185911" | "20100127992" | "20150331451" | "20160364057" | "20060238517" | "20150185911" | "20150331451" | "20060238517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 11:02
S1203	15	S1201 S1202	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 11:03
S1204	452	("2006/0238517").URPN.	USPAT	OR	OFF	2020/06/22 11:15

S1205	160	((("LEE") near3 ("Choonhyop")) OR (("LEE") near3 ("Kangwon")) OR (("LEE") near3 ("Sangchul")) OR (("CHUNG") near3 ("Seunghwan"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/22 11:17
S1206	8,731	G06F3/04142,0445,0443,04144,0414,041.CPC.	USPAT	OR	OFF	2020/06/22 11:20
S1207	8,049	S1206 AND DISPLAY	USPAT	OR	OFF	2020/06/22 11:21
S1208	1,445	S1207 AND (PRESSURE NEAR SENSOR$1)	USPAT	OR	OFF	2020/06/22 11:25
S1209	13,204	G06F1/1601,1613,1626,1633,1652,1694,1692,1684,1643.CPC.	USPAT	OR	OFF	2020/06/22 11:25
S1210	12,070	S1209 AND DISPLAY	USPAT	OR	OFF	2020/06/22 11:25
S1211	1,211	S1210 AND (PRESSURE NEAR SENSOR$1)	USPAT	OR	OFF	2020/06/22 11:25
S1212	212	S1208 AND (DISPLAY NEAR5 ((PERIPHERAL NEAR EDGE) OR (EDGE)))	USPAT	OR	OFF	2020/06/22 11:30
S1213	291	S1211 AND (DISPLAY NEAR5 ((PERIPHERAL NEAR EDGE) OR (EDGE)))	USPAT	OR	OFF	2020/06/22 11:30
S1214	400	S1212 S1213	USPAT	OR	OFF	2020/06/22 11:35
S1215	0	G01L1/146.CPC	USPAT	OR	OFF	2020/06/22 11:35
S1216	231	G01L1/146.CPC.	USPAT	OR	OFF	2020/06/22 11:35
S1217	97	S1216 AND DISPLAY	USPAT	OR	OFF	2020/06/22 11:36
S1218	13,441	G06F1/1624,1626,163,1639,1647,1652,1666,1671,1694.CPC.	USPAT	OR	OFF	2020/06/22 11:39

S1219	11,442	G06F3/011,014,0202,0221,045.CPC.	USPAT	OR	OFF	2020/06/22 11:39
S1220	391	((("MULLEN") near3 ("Jeffrey"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/22 11:42
S1221	0	"20190004651"	USPAT	OR	OFF	2020/06/22 11:54
S1222	1	("20190004651").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 11:54
S1223	495	(("20190004651") or ("9201105") or ("20130234734") or ("20200057545") or ("20190340959") or ("20200185643") or ("20200160020") or ("20180004333") or ("10261616") or ("20190107866") or ("20190339741") or ("20190317621") or ("20190325188") or ("20190346957") or ("10678365") or ("20170345949") or ("20190373719") or ("20200194724") or ("20200137900") or ("20110037726") or ("20190363277") or ("20200057522") or ("20180138440") or ("20160209284") or ("10535837") or ("8988364") or ("10608024") or ("10185376") or ("20170003723") or ("20200174526") or ("20180328799") or ("20190259819") or ("20170301314") or ("20180286924") or ("10254184") or ("10355059") or ("20180277798") or ("20170372123") or ("10685626") or ("20190243496") or ("10411224") or ("10170505") or ("20200133407") or ("20180166507") or ("20170352692") or ("20180321780") or ("20180307361") or ("10585513") or ("20200091461") or ("20190172855") or ("20180326456") or ("20190391432") or ("20200185641") or ("10483491") or ("20200135063") or ("20200022261") or ("20170263888") or ("20180259388") or ("20170155084") or ("20180284512") or ("20200066802") or ("20190095005") or ("20190296259") or ("20200163243") or ("20200057523") or ("10008695") or ("10488693") or ("20180288202") or ("20160147264") or ("20160079663") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 11:58

		("9812768") or ("20200175901") or ("20190163003") or ("10116777") or ("20200089368") or ("20190326367") or ("20200194516") or ("20200051810") or ("20170287992") or ("20140368747") or ("20170323779") or ("9049409") or ("20200042043") or ("20190317629") or ("20170374752") or ("10483098") or ("20200042125") or ("20150237182") or ("9332096") or ("10470319") or ("20190082084") or ("10268086") or ("20200075895") or ("20190355927") or ("9736956") or ("20180164619") or ("20200056955") or ("20200042133") or ("20160033347") or ("9664576") or ("20200194730") or ("20190012007") or ("20180031880") or ("20190018454") or ("20200022267") or ("20190369778") or ("10635212") or ("20140267990") or ("20190246018") or ("20190061318") or ("20200111994") or ("20200057467") or ("20180329558") or ("20140376165") or ("20190073001") or ("10522785") or ("20190303640") or ("20180166652") or ("10409433") or ("20180033834") or ("20140367644") or ("9029846") or ("10276639") or ("20180287092")).PN. or (("20160029511") or ("10312299") or ("20170024049") or ("9800700") or ("10644258") or ("20190229156") or ("20180032107") or ("20150241287") or ("20190165325") or ("10599186") or ("10366272") or ("20170300736") or ("20190012029") or ("20180150670") or ("20170090637") or ("10579847") or ("10175804") or ("20190302850") or ("20190386243") or ("20170372114") or ("20160005778") or ("20180011585") or ("20190311172") or ("10462913") or ("20190227603") or ("20170049000") or ("10143095") or ("20190121465") or ("20170168621") or ("10261545") or ("20170318690") or ("10481713") or ("20190306986") or ("10206490") or ("20170285785") or ("20190196550") or ("9614941") or ("20150163940") or ("20170192462") or ("20180110137") or ("20170202096") or ("9965079") or ("20170242543") or ("10572041") or ("20160098109") or ("9864449") or ("9730344") or ("10114411") or ("20200043991") or ("20190346887") or ("9652098") or ("10396434") or ("20180300006") or ("20150365508") or ("20170003782") or ("20160282999") or ("20170207516") or ("20180275004") or				

		("20180069053") or ("20190251927") or ("10409430") or ("10620668") or ("9524070") or ("20190294213") or ("20190387632") or ("20190348475") or ("20180266910") or ("20180282148") or ("20190019450") or ("20200058711") or ("20200163231") or ("20200159358") or ("20150090041") or ("8094134") or ("20110115738") or ("20190025637") or ("20190272058") or ("20180088392") or ("20190278411") or ("9664581") or ("20190334114") or ("20180063981") or ("20170269758") or ("20200110525") or ("20120182249") or ("20180203562") or ("20180308903") or ("20200159285") or ("20180329498") or ("10634943") or ("20200168157") or ("20200159369") or ("20170030789") or ("10598981") or ("20190143638") or ("20180033979") or ("20200196496") or ("10230063") or ("20190305073") or ("9715302") or ("20200035950") or ("20190114004") or ("8698777") or ("20170277317") or ("20190148672") or ("20200042132") or ("10338720") or ("20170220174") or ("10454067") or ("20200026422") or ("10162445") or ("20200159359") or ("20160093685") or ("20180267673") or ("20160370908") or ("20200057507") or ("9425418") or ("10018527") or ("20200168672") or ("20130222754") or ("10431635") or ("9812659") or ("20190064204") or ("20190051705") or ("20190130822")).PN. or (("20150219941") or ("10620745") or ("20160336523") or ("20190006615") or ("20150369682") or ("20110260989") or ("20190034020") or ("20190267497") or ("20160147263") or ("9354464") or ("20180061893") or ("20200075437") or ("9681567") or ("20170059605") or ("20200183450") or ("20190296266") or ("20180090713") or ("10228269") or ("10147772") or ("20160328078") or ("20190334118") or ("20170062756") or ("10374191") or ("20190017892") or ("20150009632") or ("9720450") or ("20170285803") or ("10361254") or ("9847506") or ("20200130324") or ("20160268546") or ("8976319") or ("10096792") or ("20180033832") or ("20190051861") or ("8582047") or ("20200065542") or ("20200053897") or ("20190036069") or ("10586944") or ("20060202318") or ("20200174295") or ("20100033647") or ("10615366") or ("20160062516") or ("10289226") or ("20190171254") or ("10229963") or				

		("20160337561") or ("20180097199") or ("20170358772") or ("20170263887") or ("20160328067") or ("10411219") or ("20170344165") or ("9935281") or ("20180278815") or ("20180062090") or ("20170064845") or ("20200160761") or ("20180072022") or ("8456586") or ("10522783") or ("20190363295") or ("20180321784") or ("20190350092") or ("20150200186") or ("20200045155") or ("20170199217") or ("20200136066") or ("20140267760") or ("10599019") or ("20110084118") or ("20190165056") or ("20180248150") or ("8704961") or ("20180267390") or ("20180113554") or ("20170324058") or ("10009523") or ("20190057992") or ("10658615") or ("10375839") or ("20180356304") or ("20130050126") or ("9911942") or ("8033446") or ("7443028") or ("20180198089") or ("9360977") or ("10602036") or ("20180129317") or ("20140116762") or ("9996201") or ("10459548") or ("20180348943") or ("20140369013") or ("20200064968") or ("20180159067") or ("10488970") or ("20150212626") or ("20170089789") or ("20200150845") or ("20130307094") or ("8958152") or ("20160358997") or ("9386703") or ("20180151845") or ("8829361") or ("20180307346") or ("10481729") or ("20200033970") or ("9831300") or ("9985086") or ("20190334105") or ("10557759") or ("20180329497") or ("10164209") or ("20150116975") or ("10141540") or ("10614202") or ("20130250520") or ("10347864") or ("20180284935") or ("20140362045") or ("10474290") or ("10600830")).PN. or (("20120062996") or ("9576877") or ("10509439") or ("20070107522") or ("20180032105") or ("10411205") or ("10353432") or ("20180062094") or ("20190074328") or ("9231119") or ("20180149899") or ("20170237025") or ("20200064959") or ("9273914") or ("20190081271") or ("20170177160") or ("20190155081") or ("9748322") or ("20200012136") or ("10361385") or ("20160240602") or ("20170153476") or ("10068960") or ("10496228") or ("20150220196") or ("20170308212") or ("20190273212") or ("8878803") or ("20170323934") or ("20170179215") or ("9653523") or ("9525011") or ("9960213") or ("10686148") or ("20080264172") or ("20160327821") or ("20160218091") or ("20200174646") or ("20170192596") or				

		("10115913") or ("10289225") or ("20200042131") or ("20170294609") or ("20150002758") or ("20160062391") or ("20190294214") or ("20200046235") or ("9464952") or ("7353710") or ("20180188838") or ("20190339746") or ("9349758") or ("20170024038") or ("20160093644") or ("20170277306") or ("9806066") or ("20190302924") or ("9696828") or ("10209819") or ("10355237") or ("20130163277") or ("20170245032") or ("10476013") or ("20190332218") or ("10631378") or ("20180123060") or ("9423904") or ("9643384") or ("20140182390") or ("20180122863") or ("9022630") or ("20160227653") or ("20190101784") or ("9606391") or ("10356498") or ("20190302843") or ("20190227212") or ("10593737") or ("10394398") or ("20190227269") or ("9989995") or ("20190251325") or ("20170212613") or ("20190384441") or ("20170338286") or ("20150017417") or ("10474303") or ("20180074326") or ("10324493") or ("20200052051") or ("20160321442") or ("20190073505") or ("20170168265") or ("20180275719") or ("9921424") or ("20070045757") or ("20170271616") or ("20180260055") or ("20150311260") or ("20100202077") or ("20160299527") or ("20180149786") or ("10338353") or ("20180242915") or ("10551538") or ("9786248") or ("20200045826") or ("20170347474") or ("9793512") or ("20190009498") or ("10228581") or ("20180011575") or ("20180033830") or ("20200106057") or ("20190378455") or ("20180252607") or ("20180219165") or ("20170217755") or ("20190019926")).PN.				
S1224	2	"20140253477"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:09
S1225	4,731	h05k7/20572,20581,20645,20736,20754,1488,20745,20754.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:34
S1226	4,603	312/223.1-223.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:34
S1227	2,163	454/184.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:34

S1228	9,851	361/679.48-679.51,679.46,692,690,688,724-727.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:35
S1229	1,458	((("LEWIS") near3 ("Richard")) OR (("VANLITH") near3 ("Dennis"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/22 12:36
S1230	78	(("20200187387") or ("20200113074") or ("20180263127") or ("10440847") or ("20120194999") or ("8737068") or ("8107238") or ("9119329") or ("20090190307") or ("7804685") or ("20100061059") or ("20190075685") or ("20140334099") or ("20110019362") or ("10334761") or ("8040673") or ("20120013229") or ("20150351289") or ("10568239") or ("20190313551") or ("10624232") or ("20180042143") or ("10123462") or ("20150065028") or ("9801309") or ("7542287") or ("20070064389") or ("9974198") or ("20150319872") or ("20110287704") or ("20140323029") or ("8730665") or ("9084369") or ("20070064391") or ("20160302317") or ("20090239461") or ("7952869") or ("20080316703") or ("7746637") or ("20090129013") or ("7697285") or ("8405984") or ("20110148261") or ("20080316702") or ("7839635") or ("20190073004") or ("7438638") or ("20090227197") or ("10133320") or ("6785145") or ("10212851") or ("20100172093") or ("7894190") or ("6104608") or ("20170127569") or ("7957139") or ("20100172092") or ("4535386") or ("20030072648") or ("6802690") or ("4506655") or ("10548244") or ("20170127568") or ("1949379") or ("2814243") or ("3018642") or ("4646817") or ("4186727") or ("20160135329") or ("7707840") or ("3218953") or ("8087979") or ("20070202792") or ("20070129000")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:38
S1231	8	("9210831" | "9420728" | "9437523" | "9622380" | "9638477" | "9693488" | "9713285" | "9950628").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:44
S1232	6	("20150138723" | "5349498" | "5453911" | "6196307" | "9693488" | "9901013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:44

S1233	3	"20150138723"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:57
S1234	1	"9693488".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:57
S1235	4	S1233 S1234	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 12:57
S1236	3	("20130250503" | "6137675" | "6421031").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:24
S1237	3,086	G02B27/0176.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:50
S1238	19,341	g06f1/163,1632,1658.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:50
S1239	379	((("OSTERHOUT") near3 ("Ralph")) OR (("LOHSE") near3 ("Robert"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/22 13:51
S1240	6	(("6359777") or ("10466491") or ("20170351098") or ("20160349520") or ("10191289") or ("9436009")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:52
S1241	1,226	(("6359777") or ("10466491") or ("20170351098") or ("20160349520") or ("10191289") or ("9436009") or ("20170242805") or ("20140218269") or ("20170251561") or ("20150223355") or ("9668367") or ("10561035") or ("20190113774") or ("20200170131") or ("20150133204") or ("9288295") or ("5572401") or ("6008985") or ("6452572") or ("20020163486") or ("20150220172") or ("20080122736") or ("5815126") or ("7310072") or ("20020190923") or ("20030002243") or ("8040292") or ("9472964") or ("20130069431") or ("5864481") or ("20200183190") or ("6683584") or ("6421031") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:53

		("8477238") or ("20160262717") or ("20070021073") or ("20140070957") or ("20130128110") or ("6496892") or ("9282893") or ("20150195432") or ("20170319132") or ("9423842") or ("20160370606") or ("20130089214") or ("8848940") or ("20130110415") or ("20130258270") or ("20180321097") or ("6033257") or ("20130158724") or ("10025119") or ("20160147086") or ("10024743") or ("20160085278") or ("20130110017") or ("9291823") or ("20010019914") or ("9261701") or ("20130109913") or ("20180303190") or ("7065381") or ("20170171371") or ("20010036840") or ("9019397") or ("20170031395") or ("8265797") or ("9114056") or ("10520996") or ("9681028") or ("10116776") or ("20030198015") or ("20190260862") or ("20140320696") or ("6498729") or ("9766482") or ("20140270687") or ("9672210") or ("20100165188") or ("8773581") or ("20180091707") or ("8525925") or ("20130250503") or ("20140002725") or ("20130308266") or ("6246575") or ("10437070") or ("9651787") or ("20070026695") or ("8971023") or ("20190266247") or ("6249427") or ("20170337187") or ("20150309995") or ("6183289") or ("20180059434") or ("20140355206") or ("20150296104") or ("20140337621") or ("20150346496") or ("10146772") or ("10365493") or ("20150040282") or ("20020022499") or ("9712728") or ("8948839") or ("20170196513") or ("10634922") or ("20130264919") or ("9817440") or ("20070279852") or ("6757551") or ("20180063627") or ("7618260") or ("20170219831") or ("20190250411") or ("20150358543") or ("20100241799") or ("8945328") or ("20140318699") or ("20130232298") or ("9612140") or ("20160085092") or ("20090149037") or ("7753685") or ("9807490") or ("9986771") or ("20050267641") or ("9720260") or ("10321217")).PN. or (("20180376586") or ("10258092") or ("10288908") or ("20030154291") or ("20150143601") or ("10045439") or ("5555490") or ("20180011344") or ("8995137") or ("20090149036") or ("8446729") or ("20180067516") or ("10466492") or ("10101588") or ("20100145531") or ("10271031") or ("20150309534") or ("20090117753") or ("20130077043") or ("7731517") or ("7640079") or ("20140153173") or ("20080288117") or				

		("20150288942") or ("20120151098") or ("7462035") or ("7658612") or ("7844369") or ("20180068645") or ("20190259359") or ("20170227778") or ("20050165323") or ("20100100247") or ("10276138") or ("9740239") or ("10462898") or ("9348338") or ("20190132948") or ("20200018975") or ("20130176626") or ("20160235020") or ("6157533") or ("20130271905") or ("7996115") or ("20100224052") or ("20090306485") or ("20200068708") or ("20070105404") or ("20180217382") or ("20200081247") or ("9155924") or ("5774338") or ("20180228099") or ("8309835") or ("7239509") or ("6369952") or ("20180368505") or ("20160363957") or ("20100283711") or ("4719696") or ("20190079302") or ("7844367") or ("20040102931") or ("5768100") or ("6118663") or ("7608776") or ("10159430") or ("20050126378") or ("9560324") or ("20080027587") or ("20110040415") or ("20110270449") or ("20190261888") or ("6097607") or ("20140120839") or ("10582673") or ("20160135390") or ("10613336") or ("20130047824") or ("20140249684") or ("20110090633") or ("20130182389") or ("8716585") or ("8417390") or ("20150016035") or ("5581492") or ("9405338") or ("9392851") or ("7670263") or ("8738188") or ("9442522") or ("20180228098") or ("20080143954") or ("5491651") or ("20150254199") or ("20120173732") or ("20130190935") or ("7556532") or ("20090024359") or ("20110051982") or ("20140120983") or ("20140116085") or ("20140109753") or ("9265310") or ("7810750") or ("20160324442") or ("20130249776") or ("20100062740") or ("20160357021") or ("8520860") or ("20170307880") or ("20130190908") or ("9619201") or ("9450363") or ("20020145849") or ("9824672") or ("9091852") or ("20140028968") or ("20130226321") or ("9547313") or ("20140078462") or ("20130090062") or ("6167413") or ("20160377891") or ("20190105784") or ("20140229025") or ("20140139407") or ("20150093937") or ("20150009102")).PN. or (("8251875") or ("8694136") or ("10663941") or ("8652009") or ("8540363") or ("20170090448") or ("10025284") or ("20170227793") or ("20180284457") or ("8810482") or ("20140088739") or ("8827869") or ("20080062625") or ("20180314223") or ("20140253868") or ("9885871") or ("5949644") or				

		("9354446") or ("20050126372") or ("8244404") or ("20160346609") or ("20100053867") or ("20150146300") or ("20050126364") or ("20140097967") or ("8313416") or ("20100059561") or ("6507486") or ("20090063895") or ("9355573") or ("7444207") or ("5544008") or ("20100056341") or ("9606375") or ("20100057951") or ("4807759") or ("20160250752") or ("20190098392") or ("10466510") or ("10391631") or ("20120105740") or ("20110040416") or ("10642050") or ("8977205") or ("20170361162") or ("20170143977") or ("6324607") or ("20050273205") or ("20170173787") or ("20070183616") or ("20100056876") or ("20180219404") or ("7732702") or ("7417185") or ("20130285886") or ("10293208") or ("9586318") or ("9724562") or ("4672510") or ("9529197") or ("9316836") or ("9088848") or ("10015577") or ("10539788") or ("20160106370") or ("7909737") or ("8740752") or ("20190041901") or ("9554751") or ("20180067340") or ("7773767") or ("20170251315") or ("10048724") or ("7905815") or ("20110261176") or ("20020188216") or ("20160019423") or ("20180217798") or ("7931562") or ("20130238106") or ("20160321915") or ("20140104075") or ("6976111") or ("20150066173") or ("10120646") or ("20160271450") or ("20160275814") or ("20150365757") or ("20150105883") or ("20170259167") or ("20170068270") or ("10579135") or ("20130211563") or ("6560029") or ("20100056340") or ("20130184843") or ("20100057803") or ("8814755") or ("6301367") or ("9983007") or ("9812003") or ("20020186180") or ("20150157079") or ("20080319585") or ("20150253574") or ("9417660") or ("20140100677") or ("20150130355") or ("20150151182") or ("9546871") or ("9711062") or ("20190145774") or ("20190078890") or ("8858399") or ("20130253819") or ("20180014105") or ("9478148") or ("20130190907") or ("6137675") or ("9788587") or ("8696520") or ("20160133142") or ("20160088382") or ("20120099262") or ("20200170204") or ("20180365492") or ("8579767") or ("20180227412") or ("20190078891") or ("20160107033")).PN. or (("20150105884") or ("9723391") or ("20130184841") or ("20180329234") or ("10598960") or ("6798391") or ("20160282119") or ("20150378180") or ("9251719") or ("20180017815") or ("20180180895") or				

		("9122083") or ("9478149") or ("20140094941") or ("20160277649") or ("9679494") or ("20100328713") or ("20160114214") or ("8092345") or ("8923998") or ("20190078892") or ("20110021930") or ("10060745") or ("20160277052") or ("20150141202") or ("8795137") or ("20180295895") or ("20160129309") or ("10356291") or ("9767709") or ("10114235") or ("10082396") or ("10021474") or ("9683847") or ("20150085059") or ("20190037955") or ("9489863") or ("9891665") or ("20140088740") or ("20160342176") or ("20170149958") or ("20130190906") or ("20030148672") or ("8699220") or ("20160038083") or ("9415267") or ("20150248844") or ("20180061224") or ("9554447") or ("20020084990") or ("20120079075") or ("8652010") or ("20130215374") or ("6956614") or ("9122082") or ("8894548") or ("9819850") or ("20180249133") or ("8902315") or ("8657723") or ("20080144854") or ("10477168") or ("20180220110") or ("9401098") or ("20070248238") or ("20190268706") or ("8725276") or ("20120220234") or ("20060057972") or ("20190221975") or ("20150157220") or ("20160027328") or ("9973621") or ("8721502") or ("20100144239") or ("20180180894") or ("20120210489") or ("10616534") or ("20090154719") or ("7640007") or ("20140204529") or ("20150237424") or ("9141145") or ("10043380") or ("20080170838") or ("9880731") or ("9860352") or ("20050134683") or ("20160269812") or ("20170123495") or ("20050164684") or ("8094850") or ("20070223766") or ("5991085") or ("8371893") or ("20140107817") or ("20070126872") or ("20190268703") or ("20190011699") or ("20130130585") or ("20130294740") or ("20150269866") or ("6430644") or ("9589480") or ("20190133464") or ("5625534") or ("20190261874") or ("9351060") or ("9785187") or ("20160041582") or ("6899539") or ("6418499") or ("20160277824") or ("20160291637") or ("10278592") or ("20170366785") or ("9794679") or ("20190268705") or ("20120331201") or ("20070184881") or ("20020108009") or ("20170248991") or ("8878454") or ("20130147963") or ("20180095299") or ("20100239115") or ("20190325722") or ("20180130325") or ("9998817") or ("6285757")).PN. or (("10324539") or ("10638635") or ("20150351704") or ("5430607") or ("10378858") or ("9847002") or ("5224019") or ("8517788") or				

		("10354504") or ("5430617") or ("20090261214") or ("9113129") or ("8531592") or ("7885419") or ("20160269819") or ("20180059810") or ("8968156") or ("5798907") or ("20070126871") or ("10105845") or ("9456785") or ("20180184735") or ("20110116672") or ("9153112") or ("6108197") or ("20040008158") or ("20130232742") or ("20160365064") or ("20170363874") or ("10659859") or ("20180332384") or ("20060164891") or ("7343439") or ("20190268680") or ("10034079") or ("10416479") or ("7350008") or ("9829725") or ("20190183430") or ("20070067536") or ("20170328677") or ("9426339") or ("8842849") or ("8857681") or ("20020081895") or ("20050052343") or ("6076124") or ("20140350722") or ("9883275") or ("10168555") or ("5253133") or ("20160163283") or ("20160327799") or ("20150088224") or ("20100079356") or ("20180081201") or ("20190313249") or ("8860584") or ("20190339042") or ("20150340891") or ("20150198811") or ("20130249709") or ("9440070") or ("20180131847") or ("20190174208") or ("20160085076") or ("20170192516") or ("20170011716") or ("20100296119") or ("9253817") or ("20170090514") or ("9233466") or ("20170187855") or ("20140063054") or ("20180174489") or ("8957785") or ("20180084093") or ("20190175411") or ("20140098983") or ("9049515") or ("20180063307") or ("9429759") or ("9779555") or ("20180136703") or ("20110133668") or ("20140009739") or ("20190235581") or ("20170152990") or ("20180097920") or ("8253586") or ("9595237") or ("9768628") or ("20120194550") or ("20170108892") or ("5806740") or ("8976991") or ("20150002374") or ("10534437") or ("20200146384") or ("20140063055") or ("9482869") or ("10136857") or ("20190150546") or ("20030046452") or ("9759917") or ("20080058964") or ("20190116252") or ("20140235169") or ("9646573") or ("9749451") or ("20150309316") or ("20200026079") or ("10332423") or ("20190273815") or ("9541955") or ("20190025587") or ("10649500") or ("20150305425") or ("20120099265") or ("20140000013") or ("20150116316") or ("20170168566") or ("9299230") or ("20190200925") or ("10575579") or ("10306036") or ("20120206335") or ("20200101278") or ("9301085") or ("20190289107")).PN. or				

		(("20150112153") or ("9646574") or ("20110089894") or ("8699216") or ("20140059472") or ("20160080855") or ("20160082589") or ("6748458") or ("20170353784") or ("10306037") or ("5136468") or ("20180309910") or ("10437345") or ("10095275") or ("20030177851") or ("20160195904") or ("20120206323") or ("9955051") or ("10306038") or ("10180572") or ("20140328492") or ("20090218884") or ("20140270685") or ("9430001") or ("20030016487") or ("10076279") or ("20040136167") or ("20170217018") or ("8957835") or ("9101175") or ("6574672") or ("20120194551") or ("10447901") or ("20150195431") or ("20170312557") or ("20180055130") or ("8976513") or ("20120194549") or ("20120206334") or ("20110077556") or ("20170351891") or ("5331580") or ("9532621") or ("10530915") or ("20120194553") or ("20180109278") or ("20160295079") or ("20200195766") or ("6561845") or ("7863859") or ("7946986") or ("20110102991") or ("20120212406") or ("9591393") or ("20170020454") or ("10530914") or ("10514542") or ("20040226079") or ("20160367187") or ("20140240109") or ("20190278962") or ("10306116") or ("20130314303") or ("20200138314") or ("20180376038") or ("10178469") or ("10070817") or ("10335083") or ("20040215958") or ("20120194419") or ("9656389") or ("5854904") or ("20120194552") or ("10285293") or ("10148305") or ("20170344114") or ("20200092663") or ("20120206485") or ("20130222213") or ("6863557") or ("7994752") or ("20160299540") or ("9924602") or ("20120200499") or ("20050107716") or ("20130033803") or ("20180001049") or ("10686922") or ("20070258205") or ("20140198035") or ("6065679") or ("20160295095") or ("20200117013") or ("20170367426") or ("5861994") or ("7099151") or ("20090296969") or ("20100245585") or ("20150063777") or ("10027859") or ("20080130219") or ("20180008016") or ("7000037") or ("20040083324") or ("7242574") or ("20120200601") or ("7687758") or ("20200150442") or ("20200159325") or ("20150230719") or ("10001816") or ("20170261745") or ("20120194420") or ("20150257297") or ("20120206322") or ("20170052802") or ("6098877") or ("5426564") or ("20120212414") or ("6356437") or				

		("20040048503") or ("20190361716") or ("20070271686") or ("9285589") or ("20160080850") or ("5435737") or ("20040184242") or ("20190335600")).PN. or (("20060057973") or ("9536458") or ("9730591") or ("8452259") or ("20080311966") or ("20180131791") or ("9001005") or ("20060041783") or ("5416730") or ("10667711") or ("10321832") or ("20150133190") or ("6234446") or ("10575106") or ("20070009130") or ("20170184861") or ("20140019392") or ("10206447") or ("20120200488") or ("20170224990") or ("20040083325") or ("20180078206") or ("20150324687") or ("20150335284") or ("20170189824") or ("9787346") or ("20150157818") or ("20170151401") or ("20050235086") or ("10485477") or ("9848666") or ("20120194418") or ("20180064364") or ("9699281") or ("20160018846") or ("20080120819") or ("7340221") or ("20130293448") or ("6697894") or ("20190129676") or ("20190248007") or ("7800043") or ("20150349457") or ("20170153672") or ("20140267615") or ("20060132382") or ("20190230276") or ("20160070966") or ("10265851") or ("20190182415") or ("20140148872") or ("9177246") or ("20170205202") or ("20160196727") or ("7624453") or ("10288890") or ("10528135") or ("20190004610") or ("6671763") or ("20110077555") or ("20190243415") or ("20200121203") or ("10419655") or ("20150185765") or ("8086288") or ("20110188212") or ("20170102767") or ("20180136461") or ("5463742") or ("6215656") or ("20110077557") or ("20200026088") or ("10339352") or ("20160104451") or ("20170359569") or ("5759044") or ("7271999") or ("10594916") or ("10379877") or ("10488668") or ("20180143451") or ("20200167968") or ("20160212573") or ("20180136475") or ("8903494") or ("9299022") or ("20190104777") or ("9984541") or ("20160077581") or ("20180199635") or ("20190373963") or ("10557687") or ("20110197327") or ("20160262275") or ("8050437") or ("20080049186") or ("20130033677") or ("20150310412") or ("20120296174") or ("10524675") or ("20160367189") or ("20160070105") or ("20150145676") or ("6091832") or ("10194071") or ("20130190661") or ("9592007") or ("8020220") or ("20190387152") or ("20190160239") or ("9256253") or				

		("20110181238") or ("10222617") or ("10551623") or ("9992883") or ("4401351") or ("5761033") or ("20160295096") or ("20190101977") or ("20080074851") or ("20100226520") or ("10460134") or ("7016512") or ("20150325202") or ("7337256") or ("9430763") or ("10271587") or ("20190215457") or ("20170337737")).PN. or (("20190208050") or ("20080273084") or ("8633616") or ("9799301") or ("20190231001") or ("7733635") or ("20150335283") or ("20170193813") or ("10010722") or ("20170346319") or ("20060002070") or ("20130086722") or ("8932238") or ("9772684") or ("9545221") or ("10137264") or ("20180337542") or ("10684654") or ("20140111147") or ("8300414") or ("20030090437") or ("7665845") or ("20140085815") or ("9641926") or ("9439574") or ("20180180218") or ("10347098") or ("8425435") or ("20180108322") or ("9767373") or ("20180143663") or ("6120307") or ("10539787") or ("10393312") or ("20160135516") or ("10168772") or ("10122985") or ("20200195833") or ("20160317383") or ("8805579") or ("20170319095") or ("10069317") or ("20170224281") or ("20200019236") or ("20160022210") or ("8908389") or ("20160209648") or ("9867571") or ("20140184775") or ("20180235304") or ("9240702") or ("8515112") or ("20180167745") or ("10283081") or ("7969746") or ("20190281197") or ("20120215348") or ("9413087") or ("10238338") or ("20180342136") or ("10660384") or ("20150087921") or ("20030169205") or ("7710654") or ("20120249544") or ("20190216396") or ("9844340") or ("20190392779") or ("6563532") or ("10416451") or ("10425595") or ("5285398") or ("20190295389") or ("10264992") or ("10261541") or ("8373980") or ("20170189803") or ("20060238877") or ("8482488") or ("5893771") or ("20150250420") or ("9843354") or ("20190134396") or ("20180014903") or ("20120099261") or ("4894792") or ("20170054461") or ("9134534") or ("20040158666") or ("20110060506") or ("20130300636") or ("20100086157") or ("20030156383") or ("7257465") or ("20100001689") or ("9207715") or ("20200133393") or ("20170070778") or ("9433367") or ("10545573") or ("5896273") or ("9934697") or ("20150264229") or ("10159440") or ("20190017970") or ("20070035626") or ("5999952") or ("20170303809") or ("10342281") or ("20090079697") or ("20100204616") or				

		("9742890") or ("20170003149") or ("10653190") or ("6067190") or ("RE42168") or ("5796374") or ("20170303031") or ("20110077514") or ("10345123") or ("9253893") or ("10031576") or ("20170090557") or ("20170221383") or ("20070050898") or ("9939913") or ("20100254078") or ("5628055") or ("20170249417") or ("5159534") or ("20200192089")).PN. or (("20160133151") or ("20080192114") or ("20070267567") or ("20040056956") or ("9688162") or ("20180182259") or ("9101296") or ("20190343458") or ("20170318145") or ("7983057") or ("10111601") or ("20120236030") or ("20120249591") or ("5825617") or ("20170065224") or ("20150092015") or ("20180033402") or ("10165101") or ("10025379") or ("6599147") or ("10074342") or ("20170303027") or ("20170205854") or ("20130321925") or ("10502363") or ("10452105") or ("20110221907") or ("20090177131") or ("20020099894") or ("10110988") or ("7731360") or ("6377825") or ("20180317794") or ("20110213664") or ("20170319099") or ("20160135743") or ("20150268673") or ("20170046931") or ("9817439") or ("20050210173") or ("20070132841") or ("20160057265") or ("6121953") or ("20190133239") or ("5905947") or ("20150309317") or ("20180059621") or ("20170023971") or ("9729864") or ("8923703") or ("20190059768") or ("20160213263") or ("9047698") or ("20070238945") or ("20120249797") or ("20140159862") or ("9717433") or ("20080081515") or ("20160135742") or ("7460170") or ("5715321") or ("9367793") or ("6449892") or ("5317691") or ("5281957") or ("5119497") or ("6837435") or ("20120330378") or ("20150335288") or ("10362813") or ("7351065") or ("5205091") or ("6012812") or ("9001427") or ("5126910") or ("20150002930") or ("20140050485") or ("9864211") or ("10278606") or ("20120249590") or ("10043357") or ("20160028947") or ("20060187954") or ("7110562") or ("20160239084") or ("9836083") or ("20180085763") or ("9148280") or ("20150346511") or ("20150200554") or ("20180046215") or ("20040008157") or ("20120002064") or ("20160367164") or ("20170112671") or ("10129634") or ("10146262") or ("9967445") or ("20170041374") or ("20020091843") or ("20140245786") or ("20110310012") or ("9135478") or ("7351110") or				

		("20150138065") or ("20110170702") or ("10610111") or ("9158116") or ("6801418") or ("20160358155") or ("20020130846") or ("20120178270") or ("20060025008") or ("9235941") or ("20100111349") or ("20130086633") or ("20110004089") or ("20150340814") or ("20050062677") or ("20090128448") or ("20020176223") or ("8290638") or ("10045718") or ("5993237") or ("20060285289") or ("20040106331") or ("20140246500") or ("10234942") or ("6108199")).PN. or (("20160038787") or ("20150351690") or ("9427053") or ("10178150") or ("9820665") or ("9619660") or ("20090307405") or ("20190089769") or ("9642537") or ("20120143093") or ("9547175") or ("9204111") or ("9455529") or ("20170274249") or ("9361572") or ("5983073") or ("7245271") or ("20140245788") or ("20160198319") or ("20190175961") or ("10073271") or ("20160349790") or ("20160342882") or ("6975508") or ("20160157590") or ("20080023002") or ("7753523") or ("20180104517") or ("5948047") or ("10606312") or ("8757154") or ("7066754") or ("20130000002") or ("20130037027") or ("6016432") or ("10663737") or ("6806847") or ("9939483") or ("20170090512") or ("20120011631") or ("20130235331") or ("9569720") or ("20070025579") or ("20030169563") or ("5963872") or ("5562475") or ("6078825") or ("6057966") or ("10285617") or ("20160223821") or ("7307834") or ("10165946") or ("6825875") or ("20120099266") or ("20100128135") or ("9420856") or ("20100121228") or ("5876218") or ("20090198392") or ("10429888")).PN.				
S1242	2,966	H05K5/0217,0013.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:53
S1243	352	H04M1/0252.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:53
S1244	21,092	G06F1/1601,1613,1626,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:54
S1245	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB;	OR	OFF	2020/06/22 13:54

			USPAT; USOCR			
S1246	10,564	455/575.1-575.9.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:54
S1247	787	((("ZADESKY") near3 ("Stephen")) OR (("HOBSON") near3 ("Phillip")) OR (("TAN") near3 ("Tang"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/06/22 13:54
S1248	792	(("20190297738") or ("10609832") or ("20060148541") or ("7561686") or ("20060148543") or ("10420231") or ("20180092229") or ("9730338") or ("20130335899") or ("8269675") or ("8855728") or ("8319692") or ("20100029349") or ("8325094") or ("8896487") or ("20120105294") or ("20100321253") or ("20140313650") or ("9261907") or ("20170311456") or ("20130170117") or ("8102321") or ("7092520") or ("20100231481") or ("20080207279") or ("8203493") or ("20100277377") or ("8027464") or ("8537543") or ("8638549") or ("20110006953") or ("8508418") or ("20120050975") or ("20100321255") or ("4706273") or ("20130009833") or ("7953461") or ("20090291718") or ("20100321325") or ("7804453") or ("20060160585") or ("8099138") or ("20090262029") or ("9344136") or ("20090305748") or ("10268236") or ("20170212554") or ("9397387") or ("20160020806") or ("20090257189") or ("9203137") or ("9653777") or ("7405703") or ("20160261022") or ("7088294") or ("7082324") or ("7612726") or ("7839343") or ("20050176475") or ("20060217164") or ("20080132303") or ("20070053504") or ("10067535") or ("20190356051") or ("20060063571") or ("7266399") or ("20020028693") or ("20030138097") or ("7885403") or ("20020057792") or ("7091911") or ("20080037769") or ("20060084465") or ("7986983") or ("8018385") or ("7403165") or ("7239700") or ("7256744") or ("20080037771") or ("20090170573") or ("7689244") or ("20120122521") or ("20200159286") or ("8862190") or ("9955599") or ("20180292864") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 13:55

		("9826650") or ("10551874") or ("5933330") or ("7991147") or ("20080037770") or ("20090170574") or ("20110201389") or ("20160327993") or ("20060166711") or ("9513672") or ("7068230") or ("20060239445") or ("20170010637") or ("20090104949") or ("7696935") or ("7271772") or ("8274437") or ("7482985") or ("9769929") or ("20060092084") or ("9201452") or ("10019038") or ("9164536") or ("7982677") or ("20170213665") or ("7289072") or ("20140092028") or ("9680202") or ("8004469") or ("6377827") or ("8964352") or ("20130222736") or ("8619067") or ("20180284468") or ("20130324197") or ("5878353") or ("20080019502") or ("20060140428") or ("5566224") or ("9793598") or ("6227872") or ("7620175") or ("20140307370") or ("20080287171") or ("20100022268") or ("20050270240") or ("7706556")).PN. or (("8792662") or ("20150214602") or ("20100195854") or ("20060220969") or ("7489276") or ("8538051") or ("5995854") or ("6321070") or ("8526161") or ("7834853") or ("10090877") or ("8506327") or ("8766858") or ("10290441") or ("7821463") or ("20070247374") or ("8054232") or ("7551949") or ("9203139") or ("7082318") or ("20140233168") or ("9425496") or ("20030114184") or ("20110076883") or ("20080037765") or ("20120050114") or ("20100321249") or ("10313497") or ("7907978") or ("10031367") or ("20140132463") or ("20140085556") or ("20110255260") or ("9728858") or ("20050272488") or ("9496668") or ("20140086441") or ("6996426") or ("20110255259") or ("20140001022") or ("20050079897") or ("9629272") or ("20050270242") or ("20130293425") or ("5029339") or ("20170237460") or ("20140133174") or ("6633749") or ("20140361932") or ("20100285852") or ("10396843") or ("20070247389") or ("20080291099") or ("20100182208") or ("9559741") or ("20060208952") or ("20020016182") or ("9917934") or ("9615476") or ("9020570") or ("9660684") or ("20080125076") or ("9036109") or ("20180337704") or ("8395722") or ("20030112225") or ("20140049727") or ("9651999") or ("20170149127") or ("20100315570") or ("20130294020") or ("8866989") or ("9203938") or ("8019394") or ("8174452") or ("20190297177") or ("8995126") or ("8269674") or ("7705792") or ("20090005131") or ("8711304") or ("20160099741") or				

		("20140233167") or ("20070115621") or ("10630824") or ("8125394") or ("8531834") or ("7027844") or ("7580726") or ("20150171913") or ("10600997") or ("9300344") or ("20080311963") or ("8687360") or ("20100073241") or ("7627337") or ("7353003") or ("7444173") or ("20120044155") or ("9276626") or ("20020061736") or ("20070243896") or ("20190294214") or ("20160291245") or ("8204266") or ("20130027862") or ("20100182205") or ("9622365") or ("20070243897") or ("20140240903") or ("20130334072") or ("20060234786") or ("20160164165") or ("20080272966") or ("20040102232") or ("20050124393") or ("20090316943") or ("20070252774") or ("20160351855") or ("20100149751") or ("9653778") or ("20120314354") or ("20120020509") or ("20060258325") or ("8456586") or ("8576136") or ("9577315") or ("7561684") or ("20050270241") or ("6776626") or ("20060214858")).PN. or (("20100184388") or ("20110201390") or ("20140292591") or ("4394545") or ("20130002519") or ("6493542") or ("9441829") or ("20140092283") or ("9335510") or ("20150270598") or ("9106728") or ("20030181078") or ("20060025185") or ("9350068") or ("20140247404") or ("20110273343") or ("7225003") or ("20020002059") or ("7031762") or ("20100273530") or ("20090160714") or ("9450289") or ("20150270599") or ("20120020002") or ("20030013490") or ("9559406") or ("20130188305") or ("9140927") or ("20150255851") or ("8731618") or ("20060066771") or ("9583838") or ("9866931") or ("10353432") or ("20060293078") or ("20140092341") or ("4940296") or ("7203309") or ("20120092221") or ("9055361") or ("8213659") or ("8259017") or ("10665924") or ("20140092346") or ("20040147294") or ("20160233573") or ("4712236") or ("20140050348") or ("5613223") or ("20200021012") or ("20100329496") or ("9075567") or ("9730340") or ("6229994") or ("20090256758") or ("20150261032") or ("9400349") or ("20140043552") or ("8994906") or ("10333199") or ("20120020000") or ("8724304") or ("20030096582") or ("20100328856") or ("7383067") or ("20130279088") or ("20180040943") or ("20090003630") or ("7181253") or ("8139762") or ("8615077") or ("20050148375") or ("20060172785") or ("20100134968") or ("8995677") or				

		("20150323831") or ("20100054493") or ("20200099138") or ("8681056") or ("5134654") or ("20120129582") or ("20140243052") or ("6016423") or ("20140133179") or ("20130130756") or ("20080125197") or ("20150138710") or ("9450292") or ("7925316") or ("20140361931") or ("20080287157") or ("20110133998") or ("20110159933") or ("6996424") or ("9293806") or ("20150311594") or ("9379445") or ("20140233169") or ("20130265708") or ("6064894") or ("8180415") or ("10630822") or ("20150255853") or ("8320979") or ("20100092022") or ("9588371") or ("8170266") or ("8238984") or ("10681195") or ("10488888") or ("20180183913") or ("20140073374") or ("20130328820") or ("20100124952") or ("8374378") or ("20140233170") or ("9473602") or ("20200089282") or ("8068061") or ("8363824") or ("8665164") or ("9990001") or ("20120212903") or ("20150301563") or ("20090305746") or ("9841644") or ("10651879") or ("8487819") or ("20130329460") or ("9614569") or ("20150148099")).PN. or (("9806751") or ("8953780") or ("9838059") or ("20180232009") or ("20160254836") or ("20180059729") or ("20100304796") or ("10228719") or ("6311076") or ("20180076843") or ("20170170857") or ("8274438") or ("20140085161") or ("20190033911") or ("9997578") or ("20150323843") or ("9759937") or ("9454025") or ("8712485") or ("9256250") or ("8922443") or ("20110028192") or ("7590436") or ("9835786") or ("20170012095") or ("20090111537") or ("20160320658") or ("20180032105") or ("20150169007") or ("20090128368") or ("8253691") or ("20140036204") or ("20140045557") or ("20140218856") or ("20120306706") or ("20120062441") or ("20050190291") or ("9239489") or ("20060061704") or ("20120129579") or ("9559425") or ("9136895") or ("20140063393") or ("20130335211") or ("8408780") or ("9882269") or ("20070265028") or ("7812770") or ("10067537") or ("20140118985") or ("20010034249") or ("20170168637") or ("20110007892") or ("7437184") or ("20120071113") or ("20080055162") or ("20090054113") or ("6625426") or ("5369701") or ("20160248148") or ("D413331") or ("9817444") or ("5649316") or ("7489301") or ("8315677") or ("9140925") or ("9429995") or ("20140055719") or ("20160231783") or ("20150331452") or ("20110237300") or ("9344539") or				

		("20090103250") or ("20050235021") or ("4845869") or ("20140078447") or ("20060068858") or ("8451179") or ("9671660") or ("20070243906") or ("7965519") or ("8045341") or ("8996082") or ("7664256") or ("8684158") or ("8995125") or ("20140043744") or ("20060139898") or ("20120257341") or ("8060164") or ("7684561") or ("8417298") or ("20090079698") or ("4706399") or ("7787618") or ("20140152890") or ("4683585") or ("20200089287") or ("20080124626") or ("10061158") or ("10594351") or ("20190097306") or ("7466558") or ("20190163233") or ("8264463") or ("6134336") or ("20090040115") or ("9172139") or ("8138977") or ("20120129580") or ("20160014489") or ("8301201") or ("20040077391") or ("20020102866") or ("9469469") or ("7933123") or ("20110188225") or ("20060093134") or ("9226057") or ("7684837") or ("20100103054") or ("20060177048") or ("9116267") or ("20120285791") or ("20140078677") or ("20190043452") or ("20050107046") or ("8340733") or ("20160233913") or ("20180198895") or ("8638556") or ("20030032443")).PN. or (("20090247237") or ("8169410") or ("9213428") or ("20140092630") or ("20140049726") or ("20140051488") or ("20110133995") or ("20060148425") or ("20130237289") or ("8204560") or ("4852373") or ("8314738") or ("7542565") or ("20120124491") or ("20140049500") or ("10607573") or ("20040203493") or ("20110284348") or ("7050764") or ("20030003970") or ("9110320") or ("20200127697") or ("20060101354") or ("20080144261") or ("20040204065") or ("20140183066") or ("20100151923") or ("20090137280") or ("7966046") or ("8532722") or ("20140118661") or ("20150270618") or ("10324615") or ("20090257207") or ("4938547") or ("D410002") or ("6999805") or ("10294016") or ("7003318") or ("20040204209") or ("20070197259") or ("6842633") or ("2150384") or ("20060040081") or ("9653783") or ("10476136") or ("20060079302") or ("20100178955") or ("20120127087") or ("10005611") or ("20050236265") or ("20010051510") or ("7248904") or ("20150082147") or ("20050227634") or ("7228151") or ("20190258378") or ("6396444") or ("9939699") or ("7094985") or ("20060121963") or ("20190027808") or ("9496602") or ("20090215495") or ("20170318686") or				

		("RE44405") or ("5953048") or ("20150313003") or ("6959210") or ("8855555") or ("20180237214") or ("6149442") or ("8963782") or ("20040262179") or ("20160198824") or ("20120073944") or ("6950680") or ("20150070291") or ("9052816") or ("7099710") or ("20110279328") or ("6088603") or ("9516743") or ("9575524") or ("5657370") or ("8085963") or ("20150357703") or ("20180113493") or ("7016712") or ("7369883") or ("9423897") or ("20120220219") or ("8160658") or ("10181746") or ("6304763") or ("7999660") or ("10635141") or ("7990323") or ("20060279942") or ("10320069") or ("7474747") or ("9055142") or ("20140240985") or ("20060232918") or ("9620571") or ("20030054854") or ("20080273734") or ("6731913") or ("9160056") or ("20040203507") or ("6665550") or ("20060142073") or ("8306252") or ("20160218156") or ("9753317") or ("20090273525") or ("20110267239") or ("20090270146") or ("20180063981") or ("7391623") or ("7130421") or ("6626706") or ("9829982") or ("7072699") or ("6681125") or ("20060126825") or ("20060066770") or ("20030143961") or ("20050069126") or ("8482469") or ("RE42723") or ("7353051") or ("20190312347")).PN. or (("20050136883") or ("6889064") or ("20080316114") or ("10120450") or ("20140176848") or ("6208874") or ("20170352503") or ("20100090814") or ("20160085125") or ("20030165047") or ("20160344221") or ("20020004416") or ("20110050509") or ("9462099") or ("8913390") or ("20100035670") or ("6064341") or ("9189024") or ("7573427") or ("7181257") or ("7373180") or ("20120039029") or ("9947901") or ("9195108") or ("20060030380") or ("8180411") or ("20200119439") or ("20130002492") or ("10581153") or ("20100203929") or ("20060121766") or ("20180316787") or ("5778063") or ("20100277877") or ("20190081394") or ("8126138") or ("20110103041") or ("9429803") or ("8269677") or ("20020109641") or ("20110050508") or ("10476170") or ("7711396") or ("20150301417") or ("20130002494") or ("20140002996") or ("20150062787") or ("20060177047") or ("5583935") or ("20120128189") or ("20040246669") or ("9928762") or ("20130215642") or ("20150270619") or ("9354673") or ("20140357329") or ("9411385") or ("20090061794") or ("8649506") or ("9660004") or ("20150236426") or ("7489955") or				

		("20080166009") or ("9515131") or ("7054669") or ("9595497") or ("20150362770") or ("20140055702") or ("7460885") or ("8952853") or ("9780159") or ("9214507") or ("10536761") or ("6904300") or ("20140334081") or ("20110241949") or ("20140049522") or ("9427071") or ("5187743") or ("20160079337") or ("20020177470") or ("7558594") or ("20140153763") or ("20040229593") or ("10437282") or ("20130162485") or ("20190267718") or ("20050266900") or ("20040229664") or ("8395555") or ("20120046081") or ("6831977") or ("7965495") or ("10483620") or ("8346320") or ("6130521") or ("20030153213") or ("20150268775") or ("7911387") or ("9292044") or ("9372505") or ("20170062547") or ("8339250") or ("20150085435") or ("20020118826") or ("20200044305") or ("6064864") or ("20050070343") or ("6957083") or ("8792947") or ("20030153214") or ("20040204064") or ("7075785") or ("20040058720") or ("7876274") or ("20050215907") or ("9939672") or ("7382607") or ("20090176473") or ("20170205923") or ("4640542") or ("20170075424") or ("20180091879") or ("9400529") or ("20050287953") or ("20180279028") or ("9215833") or ("20140268578") or ("20110109516") or ("8112130") or ("20150022759")).PN.				
S1249	4	(("20020044136") or ("6842333") or ("7072624") or ("20060198094")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/22 14:24
S1256	1	"8570273".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/06/26 13:44
S1257	4	("20150131222" | "20170023986" | "20180150107" | "20190196541").PN.	US-PGPUB; USPAT	OR	OFF	2020/07/05 16:03
S1258	242	("0000007" | "0000008" | "10236032" | "10285293" | "20010048793" | "20020058445" | "20020097555" | "20020099513" | "20020126112" | "20020140147" | "20020145847" | "20030005073" | "20030156383" | "20030161101" | "20030210521" | "20040049610" | "20040054796" | "20040174675" | "20040193824" | "20040214543" | "20050007692" | "20050086413" | "20050102451" | "20050205292" | "20050237716" | "20050280981" | "20060002070" | "20060065431" | "20060069896" | "20060142910" | "20060158844"	US-PGPUB; USPAT	OR	OFF	2020/07/05 16:05

| "20060256522" | "20060256533" | "20070026945"
| "20070094439" | "20070150480" | "20070170337"
| "20070230101" | "20070230110" | "20080091858"
| "20080165291" | "20080259060" | "20090037949"
| "20090132621" | "20090160733" | "20090182533"
| "20090231232" | "20090251607" | "20090255653"
| "20090292896" | "20090320065" | "20100007293"
| "20100033931" | "20100049914" | "20100110633"
| "20100113092" | "20100115321" | "20100217909"
| "20100306501" | "20100321876" | "20110013348"
| "20110128199" | "20110175787" | "20110235755"
| "20110266163" | "20110302357" | "20110307746"
| "20120002455" | "20120151098" | "20120173732"
| "20120200469" | "20120203936" | "20120206303"
| "20130035050" | "20130170129" | "20130187816"
| "20130264919" | "20130271905" | "20130303267"
| "20130308266" | "20140055315" | "20140118210"
| "20140118211" | "20140250267" | "20140281987"
| "20140306586" | "20140309019" | "20140333497"
| "20140355206" | "20150222008" | "20150254199"
| "20150333394" | "20150340768" | "20150349401"
| "20160181690" | "20160190702" | "20160191693"
| "20160380359" | "2270315" | "3787818" |
"3896419" | "3921177" | "3932016" | "4232356" |
"4389080" | "4437074" | "4479198" | "4511964" |
"4791531" | "4814777" | "4814970" | "4816993" |
"4829372" | "4837735" | "4843403" | "4853704" |
"4876644" | "5036335" | "5051868" | "5076794" |
"5094624" | "5124712" | "5124733" | "5131140" |
"5136718" | "5142255" | "5181855" | "5227957" |
"5251097" | "5278730" | "5311397" | "5329418" |
"5349132" | "5377356" | "5383192" | "5390081" |
"5419712" | "5430607" | "5438476" | "5449297" |
"5504918" | "5534880" | "5539616" | "5541611" |
"5557291" | "5589406" | "5600538" | "5602721" |
"5625531" | "5640430" | "5646823" | "5661494" |
"5663867" | "5671430" | "5689406" | "5689654" |
"5694294" | "5696983" | "5701231" | "5736796" |
"5754396" | "5761033" | "5761034" | "5774337" |
"5784252" | "5786984" | "5793616" | "5793806" |
"5801072" | "5805474" | "5822608" | "5844824" |
"5845391" | "5863211" | "5896273" | "5909357" |
"5938757" | "5940274" | "5948087" | "5949644" |
"5964854" | "5992955" | "5996831" | "5999952" |
"6003100" | "6005767" | "6011330" | "6018456" |
"6021453" | "6023507" | "6029183" | "6032257" |
"6035356" | "6037846" | "6043987" | "6049419" |
"6058011" | "6116192" | "6137686" | "6151209" |
"6151650" | "6153881" | "6157533" | "6157537" |
"6178084" | "6181549" | "6188571" | "6191750" |
"6192577" | "6216185" | "6220346" | "6222735" |
"6229700" | "6229710" | "6246573" | "6259605" |
"6261104" | "6275922" | "6282433" | "6288893" |

		"6292718" | "6304459" | "6307742" | "6321335" | "6327152" | "6331938" | "6349038" | "6351246" | "6351375" | "6369849" | "6370546" | "6373715" | "6377446" | "6388870" | "6388880" | "6389499" | "6396453" | "6446192" | "6463519" | "6467009" | "6482042" | "6487080").PN.				
S1259	259	("6490157" | "6501429" | "6512356" | "6512488" | "6512963" | "6523079" | "6525696" | "6532152" | "6542354" | "6542926" | "6552691" | "6567254" | "6567272" | "6574098" | "6603430" | "6607408" | "6618698" | "6629181" | "6633231" | "6636918" | "6636958" | "6643135" | "6650302" | "6666705" | "6680843" | "6687128" | "6690576" | "6697032" | "6703981" | "6704838" | "6714411" | "6718408" | "6724346" | "6727774" | "6765539" | "6795926" | "6801307" | "6804564" | "6806845" | "6819550" | "6844851" | "6853293" | "6859176" | "6862173" | "6863211" | "6865076" | "6868602" | "6871344" | "6881098" | "6895532" | "6898705" | "6900383" | "6911947" | "6914570" | "6941247" | "6954850" | "6957291" | "6961237" | "6970367" | "6977624" | "6988226" | "6992627" | "6993618" | "6996500" | "7053864" | "7057568" | "7061762" | "7064729" | "7065381" | "7068510" | "7075784" | "7092246" | "7092248" | "7103745" | "7119982" | "7155711" | "7159053" | "7176837" | "7180457" | "7183999" | "7184264" | "7193565" | "7196275" | "7209089" | "7223105" | "7227751" | "7228963" | "7236353" | "7237138" | "7239283" | "7239700" | "7242574" | "7245266" | "7245497" | "7256991" | "7263632" | "7271776" | "7277295" | "7277783" | "7278035" | "7280082" | "7286436" | "7324060" | "7327315" | "7334028" | "7337333" | "7340763" | "7359208" | "7372695" | "7377603" | "7377804" | "7396257" | "7403169" | "7408772" | "7414312" | "7414837" | "7429781" | "7436674" | "7450077" | "7466880" | "7498995" | "7508663" | "7511681" | "7525219" | "7538739" | "7539023" | "7539219" | "7551140" | "7557755" | "7580781" | "7584382" | "7613937" | "7619683" | "7619881" | "7636863" | "7650480" | "7656658" | "7659736" | "7683460" | "7697301" | "7705783" | "7710725" | "7716470" | "7719832" | "7733635" | "7764236" | "7764506" | "7768470" | "7777684" | "7817412" | "7818487" | "7826205" | "7830657" | "7833051" | "7835769" | "7843691" | "7869210" | "7885056" | "7894703" | "7895540" | "7903407" | "7907398" | "7907409" | "7926977" | "7952529" | "7975109" | "7978465" | "8028146" | "8047780" | "8059054" | "8063841" | "8068340" | "8077476" | "8081122" | "8102319" | "8107569" | "8120904" | "8123495" | "8131830" | "8138985" | "8144068" | "8149172" | "8164888" | "8164901" |	US-PGPUB; USPAT	OR	OFF	2020/07/05 16:05

		"8190837" | "8191837" | "8203837" | "8208381" | "8212921" | "8226488" | "8228251" | "8248314" | "8259027" | "8270157" | "8274792" | "8278745" | "8305754" | "8319583" | "8321645" | "8323041" | "8325093" | "8327110" | "8355246" | "8405969" | "8434804" | "8441793" | "8446729" | "8520385" | "8526182" | "8531344" | "8535103" | "8543660" | "8564491" | "8582292" | "8582298" | "8582306" | "8605434" | "8623289" | "8638548" | "8656579" | "8687377" | "8736782" | "8737638" | "8783051" | "8786513" | "8788786" | "8837132" | "8854438" | "8863173" | "8881204" | "8907855" | "8954821" | "8976513" | "9000996" | "9048112" | "9065673" | "9066316" | "9069666" | "9088820" | "9091386" | "9116893" | "9119316" | "9142889" | "9147929" | "9189091" | "9225761" | "9244866" | "9258609" | "9324294" | "9390035" | "9450309" | "9478867" | "9478868" | "9483118" | "9535625" | "9606577" | "9723759" | "9961788" | "RE44739").PN.				
S1260	10,797	G06F1/1635,1632.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:27
S1261	5,524	B60R11/0252,0241,0258,0235,02.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:28
S1262	723	B60R2011/001,0001,0003.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:28
S1263	3	((("BLOWERS") near3 ("Robert")) OR (("LAWLOR") near3 ("Shaun")) OR (("MONG") near3 ("HAY") near3 ("Darren"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/05 16:28
S1264	1	("20180361945").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:30
S1265	247	(("20180361945") or ("20120080465") or ("8496144") or ("20120270663") or ("9073574") or ("8893622") or ("9550514") or ("20120217728") or ("20160375927") or ("20200001815") or ("9039038") or ("20160325662") or ("10583855") or ("20190071112") or ("20140361522") or ("7744122") or ("9580033") or ("20150142246") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:30

		("20080277911") or ("20080246264") or ("8636301") or ("7445284") or ("7213837") or ("9043093") or ("10293758") or ("9022417") or ("7159923") or ("20180118131") or ("20150142247") or ("20140103624") or ("5382046") or ("7762580") or ("9108584") or ("20080284145") or ("20060125215") or ("20150137492") or ("20190001899") or ("7938442") or ("20030064748") or ("20080243342") or ("6983170") or ("7740273") or ("20100244416") or ("20080272580") or ("8794662") or ("20120211972") or ("7648164") or ("20140131982") or ("20060232050") or ("7475902") or ("20060232052") or ("20070235995") or ("10106122") or ("7832762") or ("20080067792") or ("20050121889") or ("8020658") or ("7441799") or ("8177254") or ("20170210331") or ("20200108790") or ("20100289253") or ("7126583") or ("20130076011") or ("20140265270") or ("6837514") or ("9828016") or ("8556292") or ("9266494") or ("6648367") or ("8346438") or ("20190381962") or ("20140265268") or ("6905135") or ("20160236642") or ("20170274860") or ("RE47687") or ("6715789") or ("8444178") or ("8894094") or ("9682680") or ("20010048215") or ("20160375860") or ("20180086297") or ("10328890") or ("8448982") or ("10399529") or ("20120306183") or ("10144383") or ("20070017724") or ("20190092264") or ("20200010041") or ("8136835") or ("10457239") or ("20080125940") or ("20110031055") or ("8801033") or ("20050077746") or ("20050194766") or ("7055854") or ("20120211971") or ("20140028008") or ("7175221") or ("8899623") or ("20190161044") or ("20060043776") or ("20120313357") or ("20130062866") or ("7080855") or ("7461863") or ("9096257") or ("9834121") or ("20200172037") or ("8138908") or ("20060097494") or ("20020101067") or ("6533316") or ("20200001816") or ("7040653") or ("20060244251") or ("20170113589") or ("20040108752") or ("20010015548") or ("20200101928") or ("8757658") or ("20140054880") or ("10507784") or ("10518684") or ("20030227159") or ("20180215339") or ("8419052")).PN. or (("20200055481") or ("20100168962") or ("8024090") or ("9566935") or ("20120306184") or ("6502513") or ("7566071") or ("20160039383") or ("9902359") or ("6443486") or ("20060208470") or ("7108279") or ("20040026909") or ("20020020993") or				

		("20160244016") or ("20020027346") or ("7390018") or ("20180326939") or ("20130221641") or ("8985623") or ("7520528") or ("20060220360") or ("20180281728") or ("7669890") or ("9908480") or ("20070126216") or ("8256797") or ("20200130630") or ("20020084634") or ("9855909") or ("20110291392") or ("20070046002") or ("20100066066") or ("20170015267") or ("20080082237") or ("8485552") or ("20190061587") or ("20190135220") or ("20180281731") or ("20040245750") or ("5615910") or ("20190061561") or ("7384065") or ("6626458") or ("20080276191") or ("20050151354") or ("6386632") or ("7774115") or ("8827306") or ("7185912") or ("10351089") or ("5560648") or ("20130257024") or ("10384566") or ("6179326") or ("20010011815") or ("20020036397") or ("20190129482") or ("20180029556") or ("20160204635") or ("20100090446") or ("20160200281") or ("10065595") or ("7988193") or ("6419262") or ("8979120") or ("8596676") or ("8292322") or ("10507781") or ("20050073134") or ("20180086298") or ("20140265282") or ("10196028") or ("8764057") or ("10207697") or ("6474682") or ("6902186") or ("20090152839") or ("6205882") or ("7823908") or ("20200171947") or ("20090085334") or ("9601935") or ("20030132618") or ("9499119") or ("9156400") or ("8140227") or ("20170282835") or ("7641223") or ("20140197620") or ("20150042079") or ("20100004827") or ("20130038044") or ("20170174203") or ("9838529") or ("20020171230") or ("20040160042") or ("20020171231") or ("20120175925") or ("6314833") or ("20150239422") or ("20090146400") or ("9963099") or ("10266143") or ("7631891") or ("4915410") or ("10577008") or ("20170171379") or ("9580034") or ("10358110") or ("20190118849") or ("20170210325") or ("20050206141") or ("20080048420") or ("8087691") or ("6942245")).PN.				
S1266	238	S1265 AND AIRBAG	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:32
S1267	31	S1266 AND TABLET	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:32

S1268	4	"20150220109"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/05 16:44
S1272	10	("20050257232" | "20060048001" | "20070233781" | "20080191590" | "20100118484" | "20100172083" | "20110007464" | "20110249392" | "7200008" | "8599550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 02:44
S1273	1	("20110007464").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 02:45
S1274	10	S1272 S1273	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 02:45
S1275	4	S1274 and (CPU or processor)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 02:55
S1276	11,157	361/679.6,679.01,679.02,724-727.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:17
S1277	4,603	312/223.1-223.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:17
S1278	13,547	G06F1/18-187.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:17
S1279	3,810	H05K7/1489,1487,1488.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:17
S1280	533	((("ROSS") near3 ("Peter")) OR (("FRINK") near3 ("Darin"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/06 03:18
S1281	2	("8551283" | "9119293").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:19

S1282	2,263	((("RUSSELL-CLARKE") near3 ("Peter")) OR (("IVE") near3 ("Jonathan")) OR (("PILLIOD") near3 ("Michael"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/06 03:19
S1283	225	("0012007" | "0012011" | "0022004" | "0022006" | "0022007" | "0022010" | "0022012" | "0032006" | "0032013" | "0032014" | "0042004" | "0042011" | "0042014" | "0072006" | "0072009" | "0082004" | "0082005" | "0082015" | "0092011" | "0092014" | "0092015" | "0102005" | "0102010" | "0102013" | "0112004" | "0112012" | "0122008" | "0122009" | "0122013" | "20020035853" | "20020105793" | "20020155302" | "20020157199" | "20030024274" | "20030057183" | "20030077453" | "20030234771" | "20040051944" | "20040119701" | "20040137828" | "20040142118" | "20040163414" | "20050058423" | "20050105071" | "20050135724" | "20050193772" | "20050245165" | "20050259438" | "20050285991" | "20060026521" | "20060055936" | "20060063351" | "20060070694" | "20060097991" | "20060197753" | "20060227331" | "20060238695" | "20060250559" | "20060268528" | "20060292822" | "20070003796" | "20070013822" | "20070029519" | "20070030436" | "20070039353" | "20070046200" | "20070063876" | "20070089827" | "20070122542" | "20070132737" | "20070196578" | "20070236618" | "20080026260" | "20080074028" | "20080094716" | "20080135175" | "20080158181" | "20080202167" | "20080230177" | "20080243321" | "20080258603" | "20080261057" | "20080264176" | "20080286548" | "20090046240" | "20090067141" | "20090091551" | "20090096937" | "20090153729" | "20090162703" | "20090197048" | "20090202808" | "20090220761" | "20090257189" | "20090294420" | "20090324899" | "20090324939" | "20100009154" | "20100028607" | "20100035038" | "20100053632" | "20100062284" | "20100119846" | "20100137031" | "20100154992" | "20100167059" | "20100171920" | "20100179044" | "20100206008" | "20100215862" | "20100216514" | "20100224767" | "20100265188" | "20100279067" | "20100285275" | "20100296027" | "20100315570" | "20100321305" | "20110003619" | "20110012873" | "20110019123" | "20110019354" | "20110030209" | "20110063550" | "20110067447" | "20110072856" | "20110102346" | "20110113828" | "20110159321" | "20110164372" | "20110182084" | "20110186345" | "20110188846" | "20110199687" | "20110248152" | "20110255000" | "20110255250" | "20110267833" | "20110279383" |	US-PGPUB; USPAT	OR	OFF	2020/07/06 03:25

		"20110300908" | "20120018323" | "20120020002" | "20120027399" | "20120069517" | "20120099113" | "20120105400" | "20120118628" | "20120135195" | "20120136259" | "20120151760" | "20120188743" | "20120196071" | "20120202040" | "20120236477" | "20120236526" | "20120281381" | "20120328843" | "20130071601" | "20130083506" | "20130182259" | "20130188366" | "20130213565" | "20140176779" | "20150077624" | "20150331444" | "3415637" | "3441398" | "3467508" | "3498773" | "3558415" | "3607172" | "3619240" | "3626723" | "3652244" | "3753840" | "3798013" | "3843472" | "3857689" | "3951707" | "4015045" | "4119760" | "4156755" | "4165228" | "4178082" | "4212919" | "4346601" | "4353649" | "4425810" | "4646722" | "4733973" | "4842629" | "4844724" | "4846868" | "4849002" | "4872896" | "4911743" | "4937129" | "4957364" | "4959548" | "4983197" | "4986130" | "5041173" | "5104435" | "5129934" | "5157746" | "5160523" | "5254149" | "5269888" | "5281303" | "5369267" | "5411563" | "5437193" | "5445871" | "5483261" | "5488204" | "5525138" | "5625154" | "5654057" | "5725625" | "5733622" | "5766493" | "5780371" | "5816225" | "5825352" | "5826601").PN.				
S1284	24	("5835079" | "5880411" | "5930047" | "5953094" | "5985014" | "6050870" | "6114039" | "6120908" | "6166915" | "6188391" | "6245313" | "6287674" | "6307590" | "6310610" | "6323846" | "6325704" | "6327011" | "6350664" | "6393180" | "6429840" | "6437867" | "6516634" | "6521862" | "6621542").PN.	US-PGPUB; USPAT	OR	OFF	2020/07/06 03:25
S1285	171	S1283 AND GLASS	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:30
S1286	24	S1283 AND (GLASS NEAR3 HOUS$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:30
S1287	0	H05G5/0004.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:52
S1288	3,456	H04M1/0266.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:52
S1289	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB;	OR	OFF	2020/07/06 03:52

			USPAT; USOCR			
S1290	894	H05K5/0004.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:53
S1291	5,273	H05K5/0004,0017.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:54
S1292	19,654	G06F1/1601,1626,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:54
S1293	4,872	H04M1/0266,0268.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 03:55
S1294	2,263	((("RUSSELL-CLARKE") near3 ("Peter")) OR (("IVE") near3 ("Jonathan")) OR (("PILLIOD") near3 ("Michael"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/06 03:55
S1298	8,601	F16M13/02.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 11:10
S1299	2,795	H02G3/14.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 11:10
S1300	24,652	g06f1/1632,1626,1637.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 11:10
S1301	2,600	361/679.32,679.3,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 11:10
S1302	992	206/701,775,776.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 11:10

S1303	3,481	361/679.32,679.3,679.56,679.41.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:04
S1304	3	(("20130342087") or ("20090009945") or ("20160003270")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:08
S1305	966	(("20200073437") or ("20130048802") or ("20130342087") or ("20120300378") or ("20020076512") or ("20160033997") or ("9360892") or ("20160312950") or ("9791097") or ("20130256478") or ("8995126") or ("20150171913") or ("20140233167") or ("9276626") or ("8531834") or ("9344539") or ("20130334072") or ("20160099741") or ("20130027862") or ("20130105662") or ("20100090489") or ("9559741") or ("20150001870") or ("20120314354") or ("9615476") or ("10090877") or ("20170237460") or ("20130294020") or ("8136217") or ("10187106") or ("20130193174") or ("9296340") or ("10396843") or ("20170353209") or ("9660684") or ("9742458") or ("20160294433") or ("9383777") or ("9993054") or ("20180337704") or ("20140076748") or ("20170068270") or ("9069527") or ("20140029185") or ("20060045495") or ("20170354220") or ("20190281976") or ("7787245") or ("9278648") or ("20130200119") or ("9300344") or ("9581286") or ("9894192") or ("20140191523") or ("9274568") or ("20150043141") or ("9427071") or ("20160072933") or ("20140049060") or ("7886903") or ("6967836") or ("20140077054") or ("9814289") or ("9551459") or ("20160295981") or ("9580209") or ("20040150628") or ("20130213825") or ("20130142371") or ("8724312") or ("20110170252") or ("20100270052") or ("20190212784") or ("8338703") or ("20170152990") or ("6101087") or ("10136716") or ("20160070301") or ("20130094131") or ("6504710") or ("6426872") or ("20020078291") or ("4913390") or ("20140166706") or ("20180249799") or ("10206472") or ("20190384143") or ("10594351") or ("9141136") or ("7933123") or ("20190037991") or ("20120257341") or ("9372513") or ("20070201201") or ("20130146482") or ("20160147359") or ("20160233913") or ("5253142") or ("20130178155") or ("20100090488") or ("9317076") or ("9965002") or ("20090257207") or ("20110188225") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:14

		("9652002") or ("20150201723") or ("5934454") or ("20150220114") or ("9778778") or ("8472186") or ("20150227178") or ("20170300093") or ("20130178161") or ("20200127697") or ("10405623") or ("20140347000") or ("6532152") or ("8467183") or ("8467179") or ("10103769") or ("9575516") or ("8472177") or ("8757375") or ("20110267757") or ("8915361") or ("20100090487") or ("20120106078") or ("20100220434") or ("20140217862") or ("7432460")).PN. or (("20120106059") or ("7914059") or ("8467178") or ("9527456") or ("8467185") or ("9986805") or ("20140246354") or ("20190159562") or ("20170359096") or ("20150329062") or ("20140060878") or ("9055796") or ("10548380") or ("20190376320") or ("20150277509") or ("20120106060") or ("20120106062") or ("20120106061") or ("7432463") or ("6810295") or ("20050269225") or ("6904001") or ("20170035170") or ("6005209") or ("7414210") or ("6028765") or ("9728947") or ("20160286921") or ("7361853") or ("9628783") or ("9462093") or ("8763795") or ("7891719") or ("20150111623") or ("20140110276") or ("10471766") or ("20100090490") or ("20040163936") or ("8655422") or ("20160029798") or ("20140267637") or ("9827807") or ("20070203963") or ("10678310") or ("8638556") or ("3347241") or ("9480318") or ("10416712") or ("9871550") or ("20140139999") or ("20140202890") or ("20170000229") or ("9310841") or ("20150301562") or ("9229494") or ("20200077815") or ("20070209913") or ("20140028243") or ("20190317564") or ("8542495") or ("20110297578") or ("20060044262") or ("9295174") or ("10455955") or ("20130140837") or ("20070209916") or ("20170041037") or ("20180092471") or ("9450634") or ("8929065") or ("9723113") or ("20170310096") or ("20070209912") or ("20150220110") or ("20150195938") or ("20180072090") or ("20140168885") or ("20150158324") or ("5651456") or ("20140197049") or ("20160191101") or ("9979172") or ("20120039029") or ("10411749") or ("8157310") or ("20170017263") or ("9562644") or ("7009111") or ("20160010788") or ("20160187937") or ("6355885") or ("20120327579") or ("20180360208") or ("8727290") or ("20160215926") or ("20190013834") or ("9503147") or ("20150105127") or ("6177926") or ("20090205864") or ("7608780") or ("9467189") or				

		("8588968") or ("10474189") or ("20140085814") or ("9867439") or ("9900041") or ("20170055661") or ("9261912") or ("20060040081") or ("20130013106") or ("20160164565") or ("9600026") or ("20160173158") or ("9548785") or ("7748667") or ("20150111626") or ("8711553") or ("9128664") or ("20190064877") or ("6608253") or ("20140075743") or ("20170085283") or ("10004476") or ("7485820") or ("20160254837") or ("20060044263") or ("7561413") or ("20160202727") or ("20130083464") or ("8687359") or ("8588967")).PN. or (("20140168877") or ("9312907") or ("20130013104") or ("9297495") or ("20170255227") or ("20060044743") or ("20130043290") or ("20100091442") or ("20160361662") or ("20120297575") or ("20200023667") or ("10152081") or ("20140182876") or ("8223488") or ("9561447") or ("20200117235") or ("9806549") or ("20200033912") or ("8003886") or ("20110170257") or ("20120030930") or ("20150182197") or ("20120194998") or ("6714188") or ("7273983") or ("20090101784") or ("20140333542") or ("9469469") or ("9116655") or ("10294016") or ("10398204") or ("9897818") or ("7274558") or ("10409323") or ("20120307448") or ("20050050694") or ("20090169980") or ("20150295616") or ("10474193") or ("9980561") or ("20110267773") or ("8587939") or ("8616422") or ("20190350326") or ("20080197248") or ("20130334070") or ("6417842") or ("20170255226") or ("20140036436") or ("9286024") or ("20140367136") or ("20140169853") or ("20160346706") or ("20170308123") or ("10005611") or ("20090156306") or ("20150097513") or ("9710017") or ("9229675") or ("20120201589") or ("20180292666") or ("9577694") or ("20110199727") or ("20180237214") or ("10009449") or ("9555338") or ("9489020") or ("20160204588") or ("20180263136") or ("20170097512") or ("20190105579") or ("20130217295") or ("8104411") or ("20090168384") or ("9403100") or ("9168464") or ("20130032617") or ("20100164836") or ("20190038512") or ("20140128132") or ("8182342") or ("5971506") or ("7686270") or ("5660451") or ("9785123") or ("9711957") or ("20140152890") or ("9405395") or ("9195314") or ("20150182869") or ("9317243") or ("20130026324") or ("5874697") or ("6160701") or ("20130342985") or ("20110112399") or				

		("9952762") or ("9128284") or ("20130083468") or ("20140049481") or ("20200190877") or ("9690385") or ("20130077221") or ("20160192774") or ("20160198824") or ("20140233108") or ("20130083558") or ("20100045611") or ("20160091867") or ("9477306") or ("20160067626") or ("9121546") or ("20110037725") or ("20130307780") or ("8596412") or ("20050269477") or ("20130193909") or ("9864403") or ("9807211") or ("20170123464") or ("9774713") or ("8867202") or ("20140263939") or ("8577427") or ("10058155") or ("20170302770") or ("20060044264") or ("6788527") or ("8456836") or ("9325817")).PN. or (("20130021743") or ("20180060477") or ("20120212896") or ("5924807") or ("5646821") or ("7659888") or ("9644783") or ("20170019512") or ("8341832") or ("20170017268") or ("20120194991") or ("20130215058") or ("20130082955") or ("20120260698") or ("20110001328") or ("6944012") or ("10443274") or ("9730338") or ("20150268700") or ("20170099922") or ("20200117847") or ("20030227780") or ("10485312") or ("8837131") or ("20150358440") or ("8066313") or ("10659855") or ("10528694") or ("8537543") or ("9086835") or ("20110267774") or ("9513744") or ("20180013271") or ("9146584") or ("10178903") or ("20100182137") or ("20190394547") or ("20130335899") or ("20130140965") or ("7261270") or ("20070051766") or ("9733504") or ("9304338") or ("20180055166") or ("10691165") or ("20040233620") or ("7489303") or ("20090257189") or ("20030223185") or ("20120201000") or ("7911784") or ("20090316355") or ("20170201285") or ("20180013272") or ("20170311456") or ("9118750") or ("20150134859") or ("20160076276") or ("20130328484") or ("20180325229") or ("20080211779") or ("20150052957") or ("20100321899") or ("20200040615") or ("4964017") or ("20130083477") or ("20170108703") or ("20090168383") or ("5755420") or ("20130237146") or ("20190361694") or ("20180122601") or ("9927835") or ("9206626") or ("7763817") or ("20120272693") or ("20150305173") or ("20090166164") or ("8717758") or ("5764474") or ("8437132") or ("10125523") or ("6779914") or ("20190116252") or ("9056584") or ("20140238091") or ("9582033") or ("20190078355") or ("8369082") or ("20140118531") or ("20140376763") or				

		("9978547") or ("9562375") or ("20120229882") or ("20170145719") or ("20200028950") or ("8888063") or ("8837144") or ("20120033375") or ("9209547") or ("7650230") or ("20090167978") or ("6301101") or ("9715254") or ("10083805") or ("20120075799") or ("20140139990") or ("20150253574") or ("20180101196") or ("9152184") or ("9583285") or ("20090169981") or ("9699922") or ("20190025881") or ("6016248") or ("10250783") or ("10083806") or ("20190230259") or ("8163413") or ("9563229") or ("20160038837") or ("20130163197") or ("10372161") or ("10375844") or ("20200057525") or ("8941989") or ("9701248") or ("20060274493") or ("20170205849") or ("20150329054")).PN. or (("20200195766") or ("20050040972") or ("20140368984") or ("20130083470") or ("20120068832") or ("20150109211") or ("20160351360") or ("8814128") or ("20140139989") or ("9307131") or ("9762709") or ("20150028185") or ("20150185779") or ("20160241688") or ("9195263") or ("20150003907") or ("7907230") or ("5101736") or ("20140246340") or ("9588550") or ("5805143") or ("8314772") or ("20160097959") or ("9823890") or ("10120199") or ("20120271967") or ("20120318121") or ("20140347814") or ("8599547") or ("20200211795") or ("10289154") or ("10191348") or ("20190027325") or ("9134585") or ("9516937") or ("20140145967") or ("20170261830") or ("20130313845") or ("20170011869") or ("8934226") or ("20130170013") or ("8797721") or ("9092994") or ("9559742") or ("9596914") or ("9189024") or ("10220646") or ("20150213651") or ("8972617") or ("7558057") or ("9326623") or ("20160142091") or ("9047061") or ("10530914") or ("7609512") or ("20140221125") or ("9552083") or ("20170264720") or ("20090168316") or ("9145250") or ("9560435") or ("20120145835") or ("5813873") or ("9606579") or ("8551283") or ("20140197048") or ("20150049065") or ("20190361491") or ("10345672") or ("20150049434") or ("20170324850") or ("20180013934") or ("8508926") or ("9082313") or ("8888058") or ("20200004113") or ("9207712") or ("20130058022") or ("20180307271") or ("9870450") or ("20150193038") or ("20170068143") or ("7428143") or ("20180084903") or ("5416479") or ("9921692") or ("20050231513") or ("20070089971") or ("8891230") or ("9904333") or ("8995117") or ("6089520") or ("7403191") or ("20170367503") or				

		("10368457") or ("20200089328") or ("20140102162") or ("20130235538") or ("20170086332") or ("20050164148") or ("20140074283") or ("9846452") or ("20170196112") or ("9769958") or ("10086484") or ("9354660") or ("20150319520") or ("20110186345") or ("20100079404") or ("9612674") or ("10100976") or ("20160195899") or ("20110084182") or ("20190303643") or ("20120127651") or ("8896580") or ("10340970") or ("9182820") or ("20130141854") or ("20180092697") or ("9185816") or ("8624844") or ("20060032417") or ("20090025955") or ("10542802") or ("8453981") or ("20130285984") or ("10671125") or ("9836992") or ("20170156465") or ("20150129722") or ("20080151488")).PN. or (("20100008028") or ("10353426") or ("6518960") or ("20130277529") or ("10598959") or ("20150036275") or ("10044396") or ("20190238825") or ("8917496") or ("9431190") or ("20130168954") or ("9010597") or ("20070297126") or ("8441450") or ("8289688") or ("20190248299") or ("20110188180") or ("9232670") or ("20110147398") or ("20170364127") or ("20130300267") or ("20140035866") or ("20180294831") or ("9778687") or ("9395917") or ("20150068934") or ("8446359") or ("9056696") or ("20130057199") or ("9645663") or ("20160284228") or ("20190297741") or ("20170285781") or ("9922229") or ("20090244012") or ("20140033513") or ("20130240704") or ("20140046193") or ("10402617") or ("7795553") or ("9735827") or ("5933929") or ("8649169") or ("9906259") or ("20140043740") or ("20070268247") or ("7744172") or ("20180275720") or ("20180138937") or ("8573394") or ("20160062398") or ("10089512") or ("20030221876") or ("20170353208") or ("20120147556") or ("10355732") or ("20200124943") or ("20090244832") or ("20180352975") or ("10459481") or ("10159336") or ("20130328462") or ("8044314") or ("20060278504") or ("20120275100") or ("10232796") or ("20140368985") or ("20160080024") or ("20130229393") or ("20150257285") or ("20140111933") or ("9114923") or ("20070247800") or ("20200116347") or ("9529389") or ("20090244862") or ("20130215029") or ("9537526") or ("20140111914") or ("20180307269") or ("20190273815") or ("7348504") or ("20180279870") or				

		("20170310353") or ("8025016") or ("20120261304") or ("10530915") or ("8833554") or ("20150166237") or ("20150263776") or ("10276322") or ("20160272125") or ("20120322301") or ("6266236") or ("20110102994") or ("20160320891") or ("20070235305") or ("20120044435") or ("20160286920") or ("20090231233") or ("20130181492") or ("20120267491") or ("20110187245") or ("6844872") or ("5723821") or ("20130014330") or ("5401917") or ("9497697") or ("20020008692") or ("10342307") or ("20140331417") or ("20130017330") or ("20140289668") or ("20170099074") or ("20080035029") or ("9979427") or ("7781691") or ("20160303471") or ("9579560") or ("20140354551") or ("8526161") or ("8951046") or ("20190133280") or ("9753502") or ("9411367") or ("20090251910") or ("20100328964") or ("5269598") or ("10413093")).PN. or (("20160054537") or ("10162383") or ("10128890") or ("9351552") or ("20170079416") or ("20190101960") or ("9882305") or ("20190191838") or ("RE43318") or ("8564950") or ("9176701") or ("20150140868") or ("9086836") or ("6920619") or ("20170090593") or ("20170091436") or ("9402122") or ("20130072321") or ("4895231") or ("8891791") or ("20190231332") or ("8792232") or ("20180307270") or ("5186646") or ("20170213665") or ("20100226085") or ("8929068") or ("10599445") or ("20160234356") or ("20170091515") or ("9645607") or ("7864518") or ("20200007814") or ("9016965") or ("9496665") or ("9642428") or ("8254097") or ("20130342971") or ("20160233912") or ("6149001") or ("20130201356") or ("10416537") or ("7864259") or ("20190037166") or ("7918593") or ("9671064") or ("10503208") or ("9606580") or ("4927986") or ("20160198029") or ("20160357224") or ("8976512") or ("20190110744") or ("20100084291") or ("8602817") or ("20130147326") or ("20130083467") or ("20120305413") or ("20130216067") or ("8532720") or ("8568829") or ("20130082585") or ("20080130218") or ("10175723") or ("10299554") or ("20170111555") or ("8432507") or ("9549598") or ("20150295618") or ("9778702") or ("8783457") or ("9439314") or ("10401902") or ("10290441") or ("20110255260") or ("8947530") or ("20120049027") or ("20140085816") or ("20180352060") or ("5187468") or ("20030230501") or ("20150014214") or				

		("10230919") or ("9955762") or ("8973753") or ("20150175333") or ("9635907") or ("20130148289") or ("9380723") or ("20180011390") or ("7251127") or ("9904501") or ("8947866") or ("8695798") or ("9074403") or ("20180013229") or ("20160202734") or ("20160320808") or ("6096984") or ("5339213") or ("9973229") or ("20040061682") or ("20190146554") or ("20090020308") or ("6491280") or ("8767385") or ("20130091617") or ("10615618") or ("20150301560") or ("8611076") or ("9223410") or ("20110297050") or ("20020179781") or ("8659889") or ("20160116943") or ("20140118917") or ("9727085") or ("9047056") or ("20060179446") or ("20010015567") or ("9307817") or ("8995127") or ("20120224320") or ("8579172") or ("9681719") or ("20150027603") or ("20140152034") or ("8459191") or ("6775129") or ("10514877") or ("9247661") or ("9030839") or ("20110297581") or ("20140027317")).PN. or (("20170308122") or ("9991640") or ("7025274") or ("20180293081") or ("7957125") or ("9364081") or ("20160206065") or ("20160224065") or ("10568419") or ("20140202891") or ("8663027") or ("20140211388") or ("20140211387") or ("20140090990") or ("8971024") or ("20150272327") or ("8784939") or ("9614569") or ("20160018847") or ("9990523") or ("20180109279") or ("9568947") or ("20120182680") or ("8922985") or ("20130077236") or ("20090323269") or ("9013867") or ("20150192953") or ("20070188452") or ("9946505") or ("20150092334") or ("20120247983") or ("20120262120") or ("8548541") or ("9189017") or ("20190343274") or ("20170195001") or ("8783456") or ("20140001022") or ("20150335139") or ("20190339779") or ("20180268747") or ("20020041484") or ("8304652") or ("9107299") or ("6373697") or ("5857568") or ("9089056")).PN.				
S1306	1	("20070095471").PN.	US-PGPUB; USPAT	OR	OFF	2020/07/06 12:17
S1307	6	("20110272120" | "20130112388" | "20160290728" | "20160338222" | "20170231115" | "20180115031").PN.	US-PGPUB; USPAT	OR	OFF	2020/07/06 12:36
S1308	4	("2016/0290728").URPN.	USPAT	OR	OFF	2020/07/06 12:43

S1309	1	"20160290728"	USPAT	OR	OFF	2020/07/06 12:44
S1310	0	"20130112388"	USPAT	OR	OFF	2020/07/06 12:44
S1311	0	"20110272120"	USPAT	OR	OFF	2020/07/06 12:44
S1312	1	"20110272120"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:45
S1313	2	"20160290728"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:45
S1314	1	"20130112388"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:45
S1315	4	S1312 S1313 S1314	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:45
S1316	11	("2011/0272120").URPN.	USPAT	OR	OFF	2020/07/06 12:46
S1317	1	("2013/0112388").URPN.	USPAT	OR	OFF	2020/07/06 12:47
S1318	32	("20030155105" | "20030159806" | "20040150271" | "20050115700" | "20060038284" | "20070214829" | "20070227697" | "20070240860" | "20080047141" | "20100090336" | "20110108247" | "20110315367" | "20120014066" | "20120082880" | "20130140011" | "20150369545" | "5150274" | "5453911" | "6082443" | "6269866" | "6397935" | "6535386" | "7017651" | "7121002" | "7264045" | "8736048").PN. OR ("10215504").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:47
S1319	44	S1316 S1317 S1318	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:48
S1320	2,220	h05k7/20254,20263,20436,205.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:49

S1321	785	h05k7/20436,20463.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:51
S1322	3,649	361/701,702,699.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:52
S1323	123	(("20200103181") or ("20130098592") or ("20140237823") or ("9700930") or ("20060250446") or ("20060251430") or ("7552999") or ("8851736") or ("7448717") or ("20190056007") or ("10495167") or ("9639127") or ("20150323262") or ("6578984") or ("20130051062") or ("6206725") or ("20100327723") or ("20060250426") or ("20140099824") or ("7510251") or ("8961230") or ("20190368820") or ("20200091036") or ("20170087836") or ("6729894") or ("20030068911") or ("7748999") or ("10155391") or ("8870578") or ("20090013515") or ("9124047") or ("8001667") or ("20140218954") or ("6152783") or ("20130115787") or ("7096578") or ("20180376610") or ("20090033725") or ("7992984") or ("20130083499") or ("5224244") or ("20140055954") or ("10398051") or ("9079434") or ("20140238926") or ("20040129051") or ("9273909") or ("6968723") or ("9630418") or ("5183418") or ("5232373") or ("6170940") or ("8568174") or ("20180056662") or ("20130225003") or ("20190189880") or ("10573797") or ("10166780") or ("8391009") or ("9565780") or ("20170312902") or ("5748210") or ("20110065331") or ("20140305691") or ("20050184063") or ("20150380180") or ("9412529") or ("20080036808") or ("20080104992") or ("7026589") or ("7942510") or ("5271740") or ("20110242190") or ("8177587") or ("20110310559") or ("20080014482") or ("20200152847") or ("8083548") or ("20070070142") or ("8021188") or ("20180151473") or ("7729118") or ("8596743") or ("9984955") or ("8168338") or ("20030184969") or ("20200111728") or ("RE44811") or ("20190066956") or ("20060120543") or ("20040233640") or ("7841869") or ("6816377") or ("7397520") or ("20090137135") or ("20050039880") or ("20080036805") or ("7031165") or ("20190162480") or ("20180219003") or ("20130025829") or ("20190113290") or ("5743760") or ("7125108") or ("20180372419") or ("10461062") or ("8857502") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:55

		("20150130873") or ("20040174418") or ("20120098429") or ("10458718") or ("20070070141") or ("20150036384") or ("20170317451") or ("9156263") or ("20190337312") or ("20070251670") or ("20180183162") or ("10654301") or ("5632638") or ("9948035") or ("20070222833") or ("7810916")).PN.				
S1324	36	((("LEE") near3 ("MOU-LIN")) OR (("KUO") near3 ("CHIA-HUNG"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/06 12:56
S1325	123	S1323 NOT S1319	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 12:57
S1326	4	(("20150369545") or ("20070227697") or ("6269866") or ("6082443")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 13:57
S1327	1	"20150369545"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 13:58
S1328	1	"20070227697"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 13:58
S1329	5	("2015/0369545").URPN.	USPAT	OR	OFF	2020/07/06 13:58
S1330	14	("2007/0227697").URPN.	USPAT	OR	OFF	2020/07/06 13:59
S1331	65	("5053853" | "5208733").PN. OR ("6269866").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:00
S1332	131	("4046190" | "4047198" | "4461343" | "4674565" | "4697205" | "4715430" | "4805691" | "4840224" | "5168919" | "5183104" | "5308920" | "5309986" | "5458189" | "5465782" | "5560423" | "5694295" | "5713413" | "5727619" | "5769154").PN. OR ("6082443").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:02

S1333	17	S1329 S1330	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:02
S1334	171	S1331 S1332	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:02
S1335	110	S1334 AND (HEAT NEAR DISSIPAT$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:03
S1336	0	S1335 AND (BOARD NEAR4 (HIGH NEAR SPEED))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:13
S1337	0	S1335 AND (BOARD NEAR4 (HIGH NEAR FREQUENCY))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:13
S1338	0	S1332 AND (BOARD NEAR4 (HIGH NEAR FREQUENCY))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:13
S1339	0	S1323 AND (BOARD NEAR4 (HIGH NEAR FREQUENCY))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:13
S1340	0	S1324 AND (BOARD NEAR4 (HIGH NEAR FREQUENCY))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14
S1341	0	S1305 AND (BOARD NEAR4 (HIGH NEAR FREQUENCY))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14
S1342	1	S1332 AND (BOARD NEAR4 (HIGH NEAR SPEED))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14
S1343	0	S1323 AND (BOARD NEAR4 (HIGH NEAR SPEED))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14
S1344	0	S1324 AND (BOARD NEAR4 (HIGH NEAR SPEED))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14

S1345	0	S1305 AND (BOARD NEAR4 (HIGH NEAR SPEED))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:14
S1346	6	(("20150369545") or ("20070227697") or ("6269866") or ("6082443") or ("6977813") or ("10619948")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:19
S1347	2	(("20150369545") or ("6977813")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 14:37
S1348	13	("10619948" | "20030159806" | "20070227697" | "20080047141" | "20100090336" | "20110272120" | "20120014066" | "20130112388" | "20150369545" | "20160290728" | "6082443" | "6269866" | "6977813").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 15:09
S1349	5	(("5909100") or ("20170317444") or ("5408209") or ("20170225583") or ("9728867")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 22:47
S1350	5	((("MCCOLL") near3 ("Stuart"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/06 23:55
S1351	0	6053/16.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 23:56
S1352	2,657	B60L53/16.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 23:56
S1353	1,061	B60L53/31.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 23:56
S1354	1,702	H01R13/6205.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/06 23:56
S1355	1	"7821790".pn.	US-PGPUB;	OR	OFF	2020/07/20 02:57

			USPAT; USOCR			
S1356	14	(("20030159806") or ("20130112388") or ("6082443") or ("20070227697") or ("20080047141") or ("20070095471") or ("10619948") or ("20120014066") or ("20100090336") or ("20110272120") or ("20160290728") or ("6269866") or ("6977813") or ("20150369545")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 04:14
S1357	1	("2013/0112388").URPN.	USPAT	OR	OFF	2020/07/20 04:38
S1358	11	("2011/0272120").URPN.	USPAT	OR	OFF	2020/07/20 04:39
S1359	21	("20030227732" | "20080047696" | "20080066888" | "20100170667" | "20120097370" | "20120168112" | "20130112388" | "20130199767" | "20150173251" | "20150359139" | "4884630" | "6634421" | "6898082" | "6968892" | "7264041" | "7355855" | "7545647" | "7545648" | "8363402" | "8659898" | "9010405").PN. OR ("10504814").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 04:41
S1360	1	("20190111643").PN.	US-PGPUB; USPAT	OR	OFF	2020/07/20 04:45
S1361	2	"20100275537"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 04:51
S1362	42,313	((("INTEL") near3 ("CORPORATION"))).AS,AANM.	USPAT	OR	OFF	2020/07/20 12:32
S1363	51	(("20200142444") or ("20150124389") or ("20140029187") or ("8891231") or ("9519309") or ("20170139439") or ("10599179") or ("20170101256") or ("10167134") or ("20190100375") or ("10526130") or ("20170305638") or ("20180113493") or ("10635141") or ("9253379") or ("20140184904") or ("20170305605") or ("10046885") or ("20180037394") or ("10138047") or ("20190092530") or ("20100326999") or ("20200189812") or ("20100193397") or ("20110127320") or ("8701889") or ("9465413") or ("20180079565") or ("20140160653") or ("9995070") or ("20200189807") or ("10710778") or ("10689169") or ("20180058120") or ("9717316") or ("20200214407") or ("10518942") or ("10040153") or ("20150125227") or ("20140138430") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 12:44

		("9180068") or ("20150059591") or ("20140299150") or ("20100181335") or ("20140033927") or ("20050122671") or ("20170300089") or ("20160213191") or ("9980600") or ("20050150791") or ("9314129")).PN.				
S1364	21,630	g06f1/1664,1667,1616,1637,166,1662,1681,169.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 12:48
S1365	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 12:48
S1366	757	(("20200107460") or ("4679021") or ("4099755") or ("7942458") or ("20090273194") or ("8659851") or ("20100162523") or ("6371274") or ("20120161550") or ("20070267875") or ("20040104584") or ("6588811") or ("8841981") or ("7637543") or ("8514046") or ("8570130") or ("8354909") or ("20130269261") or ("8279032") or ("8947185") or ("20120229236") or ("20060071748") or ("20130285775") or ("20110210809") or ("20080164964") or ("20140043126") or ("20120242440") or ("10173292") or ("3818399") or ("7961069") or ("9111672") or ("8339226") or ("20170120401") or ("8314672") or ("8692637") or ("20120246885") or ("8314671") or ("7843297") or ("20150102880") or ("20110063061") or ("8098122") or ("8106734") or ("8659376") or ("20120229235") or ("20090072636") or ("7843295") or ("20090250576") or ("20130314184") or ("7719394") or ("7710226") or ("5251362") or ("20110234344") or ("6501357") or ("2990210") or ("8471658") or ("20120112865") or ("8188821") or ("5400479") or ("20010026204") or ("7843296") or ("5611120") or ("5379495") or ("20120112860") or ("20090250574") or ("8174347") or ("9082539") or ("20090250575") or ("20180315563") or ("5448806") or ("20130222098") or ("6166465") or ("20120218064") or ("2910319") or ("6315125") or ("4468649") or ("5055725") or ("8779877") or ("8373527") or ("20130305497") or ("7839247") or ("7755462") or ("20120007705") or ("6816048") or ("6145189") or ("5452663") or ("20160078989") or ("20150318088") or ("20090295521") or ("20150022298") or ("20120284969") or ("5586505") or ("9277661") or ("20120187703") or ("7750781") or ("20040217834") or ("8641105") or ("5966271") or ("20020093408") or ("8461952") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:00

		("20090251255") or ("6940376") or ("4748738") or ("20150237748") or ("8410882") or ("20120256715") or ("20040164828") or ("4408752") or ("8179219") or ("20090251256") or ("7075398") or ("8643454") or ("20060208841") or ("9679689") or ("20180043942") or ("8373526") or ("8561864") or ("6499211") or ("8540292") or ("8593242") or ("20130141198") or ("20140034080") or ("4747529") or ("4999599") or ("5694271") or ("6265956") or ("20110297713") or ("4409576") or ("4100382") or ("8717131") or ("20200224455") or ("20130222097") or ("20130128407") or ("2508305") or ("20120286912") or ("20120286913")).PN. or (("20090278642") or ("7855624") or ("6060804") or ("7750774") or ("7772952") or ("8136299") or ("7657971") or ("7868721") or ("7715890") or ("20120256532") or ("4855701") or ("7864009") or ("20120062048") or ("9367783") or ("7864010") or ("7331369") or ("20080061914") or ("20100188177") or ("7839248") or ("7839245") or ("7839041") or ("7889038") or ("20090273424") or ("7864011") or ("20090284336") or ("20060272781") or ("20090273422") or ("8395467") or ("10655656") or ("20100231339") or ("3477050") or ("8196260") or ("20100045416") or ("9779864") or ("20090218902") or ("20060254025") or ("7907980") or ("20100045415") or ("20090302985") or ("20100045414") or ("8826516") or ("10670361") or ("20080119250") or ("20100045413") or ("20100045412") or ("10690430") or ("20140299668") or ("8222986") or ("20160003270") or ("20180315533") or ("20190024683") or ("20120229241") or ("20160148730") or ("8760250") or ("20100132158") or ("9585445") or ("20200080812") or ("7015782") or ("20120073119") or ("5026314") or ("20100156225") or ("20200124371") or ("4616796") or ("20160037879") or ("8570129") or ("6167589") or ("10458736") or ("2690348") or ("10239217") or ("8174155") or ("20040239461") or ("20170222506") or ("7567159") or ("5076623") or ("20150101187") or ("5925958") or ("8382169") or ("8035260") or ("4342016") or ("20110187251") or ("20190186857") or ("20060279091") or ("20110279206") or ("4928028") or ("20010030589") or ("2954253") or ("5440997") or ("20110018484") or ("20110031839") or ("20120026843") or ("5446319") or ("2955239") or ("5883557") or ("20110049911") or ("20060170225") or ("20140021728") or				

		("7952455") or ("20170232605") or ("20100237969") or ("20120262262") or ("3413026") or ("7267378") or ("9631406") or ("6481706") or ("9905346") or ("20140217749") or ("9789416") or ("20060049645") or ("20160189844") or ("5584367") or ("10031559") or ("20160326784") or ("20070194578") or ("7982568") or ("9588403") or ("20200185137") or ("20160228783") or ("4851800") or ("5431109") or ("9919654") or ("3790197") or ("5343346") or ("4453294") or ("5443132") or ("5362116") or ("20150212392") or ("6654207") or ("20080139261") or ("20040239460") or ("7396057") or ("5541790") or ("8449000") or ("5091710") or ("20020075604")).PN. or (("20110068885") or ("7172079") or ("5382167") or ("10672548") or ("20160365184") or ("4558937") or ("7931313") or ("4237439") or ("6281775") or ("4542890") or ("20190164675") or ("5703735") or ("5303101") or ("20080013245") or ("3065318") or ("5341259") or ("3422426") or ("6473959") or ("4487492") or ("10304429") or ("20080265588") or ("7654590") or ("20070257756") or ("7605680") or ("20140035411") or ("4658230") or ("9371856") or ("6199587") or ("5992911") or ("4726277") or ("10225384") or ("2942907") or ("7701656") or ("7715166") or ("6145902") or ("5791442") or ("5432382") or ("5734527") or ("2565891") or ("20080013244") or ("20170269634") or ("8364214") or ("9668371") or ("5361182") or ("4822085") or ("4471180") or ("8217743") or ("4055123") or ("8382168") or ("20080146295") or ("10273616") or ("20150015002") or ("4919464") or ("9754750") or ("20100237970") or ("9004550") or ("10520127") or ("8863563") or ("20190106823") or ("20160196942") or ("5274889") or ("20080187393") or ("8727645") or ("9963913") or ("3588766") or ("20200207277") or ("5231556") or ("9790708") or ("8659176") or ("9636600") or ("8161684") or ("20080192124") or ("4891987") or ("20170130858") or ("7614601") or ("4417984") or ("9915085") or ("4296394") or ("8783978") or ("20070035141") or ("20070145211") or ("20140227934") or ("3418018") or ("20090166483") or ("20170295663") or ("20120291501") or ("20180363835") or ("7440689") or ("5152035") or ("20080231060") or ("4652845") or ("9507381") or ("2971789") or ("20110254285") or ("20190321862") or ("20130136442") or ("6542335") or ("10186360") or ("20150028975") or ("8128296") or ("20200168378") or ("5319511") or ("20160042897") or ("8439581") or ("10503216") or				

		("4620173") or ("9396858") or ("20080191494") or ("20050190946") or ("5142746") or ("20100189432") or ("7102476") or ("4314219") or ("8313255") or ("10162381") or ("4499442") or ("10047717") or ("7477757") or ("20140029931") or ("6401327") or ("20110148126") or ("20200089286") or ("5485733") or ("5190325") or ("20130234817") or ("20170162311") or ("20110198958") or ("8350663") or ("20110031837") or ("4151431") or ("5170144") or ("9616319") or ("20200220446") or ("4142469") or ("6577037") or ("5120030") or ("3682265") or ("5627315")).PN. or (("20140256460") or ("5249338") or ("20030006661") or ("7845384") or ("6841910") or ("20160035502") or ("4366459") or ("6489870") or ("4873401") or ("20140077909") or ("8878639") or ("8659377") or ("8736408") or ("6005459") or ("3522945") or ("20060245747") or ("9640336") or ("20100189431") or ("7145425") or ("20090044918") or ("5125134") or ("8705229") or ("4813729") or ("8575803") or ("2662228") or ("6011455") or ("9795894") or ("10195722") or ("20190377387") or ("20180275718") or ("20080168811") or ("9300175") or ("5424703") or ("4117431") or ("8441159") or ("2808281") or ("20160184981") or ("10703297") or ("10230292") or ("20120201529") or ("4755782") or ("7463129") or ("20170017273") or ("20090058582") or ("20130342295") or ("5455474") or ("20130286551") or ("7021603") or ("20050045784") or ("4265755") or ("7775567") or ("5208951") or ("6498703") or ("5665070") or ("20200044538") or ("20090266951") or ("20170028486") or ("10088040") or ("5518123") or ("5822155") or ("20090229977") or ("6781270") or ("7009480") or ("8020346") or ("20150044938") or ("20090044916") or ("20020101317") or ("20060145485") or ("20040025949") or ("20120007451") or ("20060152316") or ("6317296") or ("7987579") or ("3253095") or ("20020054456") or ("10431363") or ("9390875") or ("4834353") or ("20190283153") or ("6826844") or ("7090636") or ("20020003327") or ("20150362067") or ("20020167239") or ("20100237734") or ("7882613") or ("6297719") or ("20040066107") or ("20200144880") or ("20030234476") or ("20080309099") or ("4635016") or ("7044511") or ("4505502") or ("4994776") or ("6700259") or ("6131247") or ("4868431") or ("5758524") or ("20170256349") or ("20120104198") or ("4700436") or ("6411187") or ("10627178") or ("4571528") or ("10411577") or ("20190226599") or ("20090266952") or				

		("7551224") or ("20120325695") or ("3492037") or ("9615543") or ("6412350") or ("20140354381") or ("10625437") or ("20120286592") or ("20050225098") or ("5936500") or ("10378610") or ("20060006743") or ("4985651") or ("4486675") or ("5343811") or ("9227199") or ("9523219") or ("9508514") or ("20130313936") or ("20070199192") or ("20040181116") or ("5355544") or ("8374056") or ("20060170814") or ("20020144418") or ("4941235") or ("8342293") or ("3023879")).PN. or (("2603730") or ("6507257") or ("6567242") or ("5177370") or ("3951074") or ("6246561") or ("20190224764") or ("6307285") or ("3984795") or ("9467014") or ("4943791") or ("7583500") or ("8015752") or ("2690349") or ("9947448") or ("6002184") or ("20160295837") or ("4566694") or ("4661813") or ("7164216") or ("6791442") or ("7679225") or ("20010030479") or ("2909384") or ("7659802") or ("7211908") or ("5812345") or ("3732512") or ("4596453") or ("20130088099") or ("20170130483") or ("8959966") or ("5495376") or ("20140213139") or ("2877040") or ("20190242954") or ("20140047677") or ("8400037") or ("20200201399") or ("8704419") or ("9764487") or ("20180097434") or ("20190199032") or ("20180226873") or ("9447619") or ("10186941") or ("20200148093") or ("4401960") or ("7671712") or ("20150337575") or ("20170264046") or ("8801054") or ("3860277") or ("4691185") or ("20190291191") or ("9917496") or ("10647012") or ("3214171") or ("5363261") or ("20050110351") or ("6361268") or ("6952868") or ("20110018661") or ("10050378") or ("4982684") or ("8227953") or ("3260870") or ("3937992") or ("10082544") or ("10406707") or ("20100264090") or ("20160099123") or ("20070216504") or ("5944368") or ("7408433") or ("20110056773") or ("3369205") or ("6483222") or ("20120146443") or ("20050012579") or ("3010054") or ("20180226874") or ("5582275") or ("20050168086") or ("20160293310") or ("20080278269") or ("3658370") or ("4677780") or ("20060214756") or ("9478339") or ("20130031942") or ("5249782") or ("4307668") or ("8823473") or ("20160159289") or ("6215299") or ("6573817") or ("4074153") or ("4097862") or ("3334420") or ("20190220059") or ("20190061187") or ("20170292588") or ("20160226326") or ("20080284255") or ("7884509") or ("10112313") or ("20030081354") or ("20020044388") or ("2718567") or ("20130094142") or ("3095723") or ("3503024") or				

		("20120092104") or ("6147422") or ("5679988") or ("5206618") or ("20110309703") or ("20020079412") or ("20160072372") or ("20110266910") or ("5192934") or ("20080169890") or ("9502819") or ("7513702") or ("10063009") or ("20060018075") or ("20060214753") or ("20020105400") or ("4992733") or ("6707360") or ("20110026203") or ("9531119") or ("20020158736") or ("20080296915") or ("20200154804")).PN. or (("3055690") or ("7209021") or ("20180001496") or ("7012495") or ("20170282387") or ("5175455") or ("20200223082") or ("20100166242") or ("6759932") or ("20160226183") or ("4946207") or ("9689527") or ("20160217896") or ("20200016782") or ("20180079095") or ("20100008009") or ("7287738") or ("8159806") or ("5815057") or ("6392516") or ("8269588") or ("20180229865") or ("10206461") or ("6664878") or ("20200048943") or ("4564448") or ("2894778") or ("20200087935") or ("8085964") or ("7342473") or ("4933654") or ("9293243") or ("5140208") or ("20020113676") or ("8291563") or ("7453264") or ("20060152317") or ("7633190") or ("8857044") or ("7593210") or ("20070138806") or ("10207344") or ("9303435")).PN.				
S1367	235	((("ROSEDAHL") near3 ("Elias")) OR (("MISGEN") near3 ("Marvin")) OR (("EIDEM") near3 ("Jessica")) OR (("MANN") near3 ("Phillip"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/07/20 13:02
S1368	1,282	h05k5/0221.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:02
S1369	3,843	H05K7/1401,1487,1489,183.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:03
S1370	3,862	361/724-727.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:03
S1371	218	((("BRISTOL") near3 ("Peter")) OR (("CHEN") near3 ("Yi-Yaun")) OR (("TOMPKINS") near3 ("Glen"))).INV.	US-PGPUB; USPAT; USOCR; EPO;	OR	OFF	2020/07/20 13:07

			JPO; DERWENT			
S1372	12	(("20200061457") or ("20180311575") or ("10537795") or ("10606373") or ("10409392") or ("20150182295") or ("9622823") or ("9345552") or ("20140316412") or ("9707043") or ("20170156799") or ("20130060278")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:08
S1373	8,190	g06f1/16,1637.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:15
S1374	6,829	A63F13/24,23,25,30.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:16
S1375	3,174	G06F3/014.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:17
S1376	7,578	361/679.01-679.03.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/07/20 13:17
S1385	2,198	G06F11/002,3058.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:22
S1386	451	S1385 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:22
S1387	274	S1386 AND DISPLAY$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:23
S1388	0	S1387 AND WATERPROOF	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:23
S1389	0	S1387 AND (WATER NEAR PROOF)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:24
S1390	42	S1387 AND WATER	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:24

S1391	1,696	h05k5/065,064,06,00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:25
S1392	3,933	H05K7/20954,20963,2039,20.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1393	18,054	G06F3/1446,0484.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1394	8,371	G02F1/133308.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1395	939	G02F2001/133311.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1396	8,693	S1394 S1395	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1397	77	S1391 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1398	572	S1392 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1399	531	S1393 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1400	177	S1396 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:26
S1401	0	S1387 AND HERMETIC$4	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:30
S1402	34	S1397 AND DISPLAY$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:30

S1403	246	S1398 AND DISPLAY$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:30
S1404	523	S1399 AND DISPLAY$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:31
S1405	167	S1400 AND DISPLAY$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:31
S1406	14	S1402 AND (WATERPROOF OR (WATER NEAR PROOF) OR HERMETIC$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:32
S1407	16	S1403 AND (WATERPROOF OR (WATER NEAR PROOF) OR HERMETIC$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:32
S1408	12	S1404 AND (WATERPROOF OR (WATER NEAR PROOF) OR HERMETIC$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:32
S1409	15	S1405 AND (WATERPROOF OR (WATER NEAR PROOF) OR HERMETIC$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:32
S1410	49	S1406 S1407 S1408 S1409	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:32
S1411	77	("20030205951" | "20040000390" | "20060077636" | "20060274493" | "20070139873" | "20080055849" | "20080062626" | "20080093956" | "20080123014" | "20080143918" | "20080218952" | "20080309843" | "20090009945" | "20090184893" | "20090225240" | "20090231807" | "20090231808" | "20100171889" | "20100315777" | "20110075361" | "20110085301" | "5045971" | "5071203" | "5335076" | "5410373" | "5420828" | "5748269" | "5850333" | "5869919" | "5991153" | "6068119" | "6101090" | "6104451" | "6119768" | "6424391" | "6474410" | "6476883" | "6479142" | "6480243" | "6575541" | "6646864" | "6783198" | "6871138" | "6966617" | "6977666" | "6977808" | "7089495" | "7140732" | "7158376" | "7173678" | "7180735" | "7206037" | "7212403" | "7257003" | "7289320" | "7337024" | "7345875" |	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:47

		"7463487" | "7522416" | "7529082" | "7679888" | "7742141").PN. OR ("8102483").URPN.				
S14 12	75	("20030205951" | "20040000390" | "20060077636" | "20060274493" | "20070139873" | "20080055849" | "20080062626" | "20080093956" | "20080123014" | "20080143918" | "20080218952" | "20080309843" | "20090009945" | "20090184893" | "20090225240" | "20090231807" | "20090231808" | "20100171889" | "20100315777" | "20110075361" | "20110085301" | "5045971" | "5071203" | "5335076" | "5410373" | "5420828" | "5748269" | "5850333" | "5869919" | "5991153" | "6068119" | "6101090" | "6104451" | "6119768" | "6424391" | "6474410" | "6476883" | "6479142" | "6480243" | "6575541" | "6646864" | "6783198" | "6871138" | "6966617" | "6977666" | "6977808" | "7089495" | "7140732" | "7158376" | "7173678" | "7180735" | "7206037" | "7212403" | "7257003" | "7289320" | "7337024" | "7345875" | "7463487" | "7522416" | "7529082" | "7679888" | "7742141").PN. OR ("8081267").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:49
S14 13	80	S1411 S1412	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:50
S14 14	12	S1413 AND (CONTROL$4 NEAR3 TEMPERATURE$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:50
S14 15	9	S1414 AND (WATERPROOF OR (WATER NEAR PROOF) OR HERMETIC$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 11:51
S14 16	349	((("REN") near3 ("Yan")) OR (("WANG") near3 ("Zifeng")) OR (("CAO") near3 ("Lei")) OR (("SUN") near3 ("Junmin"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/03 11:57
S14 17	318	((("PICKETT") near3 ("David")) OR (("DALLMEYER") near3 ("Scott")) OR (("BRISTOL") near3 ("Peter"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/03 11:58

S1418	2	(("20130250503") or ("20130342981")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:01
S1419	3	("20130250503" | "20130342981" | "20140153173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:02
S1420	16,270	G06F1/203,206,20.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:05
S1421	9,308	G06F1/163.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:05
S1422	21,376	G02B27/017,01,0172,0176.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:07
S1423	22,106	G02B27/017,01,0172,0176,0149,0154,0161.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:07
S1424	2,448	H05K7/20409,2039.CPC..CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:09
S1425	1,157	(("10045449") or ("10496130") or ("9989998") or ("20200233453") or ("10133305") or ("20200233220") or ("7665465") or ("20060213521") or ("20200081259") or ("10674141") or ("20190041899") or ("10146262") or ("10653016") or ("20080196727") or ("7357136") or ("8127765") or ("10663737") or ("20050076913") or ("20140170597") or ("20130319422") or ("20120125339") or ("10209524") or ("10545349") or ("10564717") or ("20170082859") or ("8517025") or ("10663739") or ("20200026079") or ("9778631") or ("8934226") or ("20140200734") or ("9588550") or ("20170060149") or ("20130176626") or ("20170159881") or ("20180092706") or ("20110090135") or ("20170153672") or ("10027946") or ("10209738") or ("20170171528") or ("9053654") or ("20120137413") or ("10684654") or ("8719968") or ("20070044804") or ("10656710") or ("20120216813") or ("20160129210") or ("8245711") or ("20140083430") or ("10152150") or ("20150095063") or ("10709860") or ("20150269324") or ("20160202734") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:16

		("20160320808") or ("8596275") or ("20170090514") or ("8976085") or ("10095275") or ("20200174594") or ("20130188080") or ("10558282") or ("9285592") or ("20140338108") or ("20060176418") or ("20160077623") or ("9503555") or ("20090243965") or ("20130044042") or ("20110089207") or ("9164284") or ("9933623") or ("20140022163") or ("9075249") or ("20190046300") or ("20080239131") or ("9429772") or ("20160231572") or ("8244068") or ("20130235331") or ("10111733") or ("8701667") or ("20170083085") or ("20170059900") or ("9904358") or ("9652037") or ("20160139666") or ("20090052072") or ("6215460") or ("9785187") or ("20070164987") or ("20140049563") or ("20140043745") or ("10222859") or ("8984665") or ("20190163269") or ("20180252357") or ("10591737") or ("20170242477") or ("20200201431") or ("20130206943") or ("10533702") or ("8746642") or ("6144347") or ("20170068496") or ("20190324280") or ("9606358") or ("20140284442") or ("10491890") or ("20180125393") or ("9740448") or ("8896533") or ("20160305605") or ("20190152077") or ("20140118256") or ("20190349576") or ("10082995") or ("7293888") or ("20040008157") or ("20160041582") or ("8378924") or ("9388938") or ("10481856") or ("10511777") or ("20170300279") or ("20180329672") or ("9976697") or ("20140152531")).PN. or (("10535319") or ("20200026327") or ("20120120239") or ("20060002123") or ("9529737") or ("9733480") or ("20190266974") or ("9827918") or ("6902284") or ("20190118386") or ("20200163452") or ("20080122736") or ("9901289") or ("10617942") or ("10539792") or ("20190201784") or ("20170019628") or ("7597393") or ("10261319") or ("9485414") or ("20060113439") or ("7410138") or ("20170123209") or ("9459457") or ("20200227000") or ("20160062125") or ("20100001187") or ("20150373303") or ("20180035918") or ("8040292") or ("20190320136") or ("20110145981") or ("7310072") or ("10383486") or ("20180125201") or ("20200058262") or ("20140051044") or ("20090005136") or ("20170017088") or ("7705877") or ("5815126") or ("20180095534") or ("20170300743") or ("10613630") or ("10368032") or ("20140245523") or ("20170368288") or ("20200103653") or ("10004289") or ("6452572") or ("20170119220") or ("20170215979") or ("20180225857") or ("20080291277") or				

		("20200170744") or ("20050162511") or ("20080080076") or ("20200019236") or ("10582981") or ("20020163486") or ("10545573") or ("20030117728") or ("20160166169") or ("20020190923") or ("20190025889") or ("6784916") or ("20130037030") or ("20040178312") or ("20110017892") or ("10124139") or ("9060671") or ("6421031") or ("6683584") or ("20160116183") or ("20180251070") or ("20200245488") or ("20170091535") or ("10261579") or ("20060113445") or ("9907482") or ("20160062454") or ("20030151658") or ("20060138288") or ("20060113446") or ("8128041") or ("20140051960") or ("5436792") or ("9205254") or ("7828252") or ("20190184122") or ("9969080") or ("20180036879") or ("20190239776") or ("20120081392") or ("20120000075") or ("5379463") or ("20060113447") or ("20140096397") or ("7513255") or ("20060113438") or ("7898503") or ("20070075918") or ("20180365484") or ("8601696") or ("20150282730") or ("20120127700") or ("20130060176") or ("20060175477") or ("9372533") or ("20060103636") or ("20190243145") or ("20180160930") or ("10089522") or ("20060272646") or ("10509466") or ("20120002046") or ("20060283460") or ("6034653") or ("8201781") or ("20180095498") or ("9449446") or ("20060104071") or ("10076627") or ("20050199242") or ("7490608") or ("7827987") or ("20180364491") or ("9730758")).PN. or (("9579250") or ("20150173842") or ("20200192557") or ("9925676") or ("20060113448") or ("7856982") or ("20200234481") or ("8702045") or ("20060283457") or ("7621922") or ("9934634") or ("10070123") or ("7626569") or ("10248307") or ("10024490") or ("20170165042") or ("20060113437") or ("20170086309") or ("20180033177") or ("20190269872") or ("6139553") or ("20060108484") or ("20060113436") or ("20130319421") or ("9587792") or ("20170171992") or ("10293131") or ("20120113209") or ("10359145") or ("20170235341") or ("8254637") or ("20150128954") or ("20150190600") or ("20170059087") or ("20080060652") or ("20150250315") or ("20160224063") or ("20190333480") or ("9763342") or ("20150131217") or ("8857435") or ("9344612") or ("9195067") or ("20120132210") or ("10289163") or				

		("20150128952") or ("6864912") or ("9649463") or ("20080180305") or ("10440263") or ("8403274") or ("9433293") or ("20180263362") or ("10013738") or ("8118027") or ("10426517") or ("9704220") or ("20190365421") or ("20100084527") or ("20180332216") or ("20190258301") or ("20070000495") or ("10376800") or ("10447966") or ("10540753") or ("6325755") or ("20130005443") or ("20190315006") or ("10678334") or ("8989835") or ("8379059") or ("7178525") or ("20160121068") or ("20140051961") or ("9248250") or ("9256911") or ("20100134964") or ("5504500") or ("8640998") or ("20120062445") or ("9730731") or ("20080136811") or ("20190324404") or ("9430001") or ("20050205096") or ("10595722") or ("20100039380") or ("20190191083") or ("10127728") or ("10401902") or ("20190142529") or ("20200214441") or ("8529478") or ("10121446") or ("20110074822") or ("10610010") or ("10170075") or ("9803795") or ("10123434") or ("20190005621") or ("20200107718") or ("20160255305") or ("20200151853") or ("9215978") or ("20170303969") or ("20200198153") or ("9759917") or ("9875406") or ("20150331258") or ("20060132594") or ("10001816") or ("20150378391") or ("20200218136") or ("20170287376") or ("20190121522") or ("10591736") or ("20200089003") or ("20170278477") or ("20150238228") or ("20180096533") or ("20200031002") or ("20110032220") or ("20180112820") or ("20160299540") or ("10521948") or ("20160195904") or ("6049674") or ("20150141789") or ("20060278794") or ("20060231103")).PN. or (("20200009738") or ("5468216") or ("20170123463") or ("7370652") or ("20080129580") or ("20140202466") or ("9848494") or ("20110173816") or ("20200100014") or ("20080180304") or ("20170094816") or ("20030230095") or ("20120268878") or ("10659405") or ("10456935") or ("20170136636") or ("20190389084") or ("20200146790") or ("7588571") or ("20180309934") or ("10636217") or ("20190015999") or ("10201089") or ("20150271477") or ("20080245369") or ("6745588") or ("8033022") or ("10609467") or ("6182871") or ("7782244") or ("20130098359") or ("10203126") or ("10180572") or ("20160327987") or ("20110126841") or ("5850612") or ("7900628") or ("10379719") or ("9001427") or ("10116874") or ("20180004256") or ("6121953") or ("20140060544") or ("10447938") or				

		("20190080519") or ("8596271") or ("20120206323") or ("20050021045") or ("10363386") or ("20140054431") or ("20190290411") or ("9013264") or ("20140063054") or ("20170034918") or ("20200019775") or ("10671156") or ("20110221897") or ("20140063055") or ("10356331") or ("7391888") or ("6629014") or ("8089389") or ("20180054897") or ("20130278631") or ("20180007280") or ("20150267902") or ("20170059196") or ("10691179") or ("20130321925") or ("20190082824") or ("7380760") or ("20120206485") or ("20150197016") or ("20150182702") or ("6556150") or ("20120120581") or ("20190025587") or ("20190075244") or ("20190188455") or ("20100000539") or ("20110213664") or ("5625950") or ("8794579") or ("20190163432") or ("20110221896") or ("20040240708") or ("20120229248") or ("20190080665") or ("20200050263") or ("10254795") or ("20030030597") or ("10146307") or ("10171738") or ("20190068944") or ("9329689") or ("7600514") or ("8964298") or ("8922481") or ("20180169878") or ("20060022102") or ("20110225536") or ("10307921") or ("20170080867") or ("9285589") or ("10539787") or ("7844086") or ("20170344114") or ("8104473") or ("10289085") or ("10268888") or ("8739313") or ("8717755") or ("20170285743") or ("7892241") or ("20120194549") or ("20170168566") or ("20190353298") or ("8488246") or ("20060283458") or ("20120206335") or ("20120206334") or ("20120194418") or ("20060274031") or ("20120212414") or ("20180336715") or ("20070247800") or ("9341843") or ("10142597") or ("20200138518")).PN. or (("9817476") or ("20120200601") or ("20120194551") or ("8135183") or ("9366862") or ("9016646") or ("20110231757") or ("9182596") or ("20190033959") or ("20120194419") or ("20150309316") or ("20150261497") or ("20160209648") or ("10220172") or ("20170235161") or ("20120206322") or ("20070158515") or ("20120212406") or ("10646153") or ("9262999") or ("20050078378") or ("20110050568") or ("8457358") or ("20080298637") or ("8814691") or ("20080039861") or ("20180085948") or ("20140026102") or ("9963075") or ("7145726") or ("10521091") or ("20120194550") or ("20130127980") or ("20200210686") or				

		("8467133") or ("20200069336") or ("9134534") or ("9235320") or ("20180335930") or ("9229227") or ("8209635") or ("10231662") or ("20120194553") or ("20120194420") or ("9894328") or ("20180335929") or ("20170293272") or ("20160042224") or ("8477425") or ("20130056601") or ("20160191864") or ("20150362992") or ("20190342497") or ("20150257794") or ("9430187") or ("20190188471") or ("9223134") or ("20140160019") or ("20200088997") or ("20170173289") or ("9972286") or ("20180103239") or ("20060092094") or ("9128281") or ("20080180306") or ("20110221793") or ("20180147039") or ("20150049952") or ("20110221658") or ("20110239354") or ("20190327394") or ("20170322410") or ("20190179409") or ("20120245431") or ("9703320") or ("10357401") or ("20140208986") or ("20120038750") or ("6830456") or ("8994776") or ("20120200499") or ("20130314303") or ("9097890") or ("7207859") or ("8482859") or ("7605837") or ("5923528") or ("20180055203") or ("20110221659") or ("20190036992") or ("20160364009") or ("20200074711") or ("20120200488") or ("20170127970") or ("20120212499") or ("20120139832") or ("8472120") or ("20060214911") or ("20080129550") or ("20200081260") or ("20120235887") or ("20120194552") or ("20200192089") or ("10578852") or ("20120212400") or ("20120242697") or ("20180095497") or ("20200225706") or ("20110221657") or ("10034508") or ("20110214082") or ("8237600") or ("20110227812") or ("20160113389") or ("20120212398") or ("20170083043") or ("20150153823") or ("9052579") or ("9877803") or ("9333053") or ("9025016") or ("20070024486") or ("20080136700") or ("10225527") or ("9167894") or ("9129295") or ("20170166133") or ("20120236030")).PN. or (("20110222745") or ("20180329452") or ("20190246077") or ("20160370590") or ("20140009561") or ("20160217327") or ("8873149") or ("20190332169") or ("20190375123") or ("20170045910") or ("20110221671") or ("20190254419") or ("9097891") or ("20110221670") or ("10548395") or ("20170201725") or ("20090032025") or ("10168736") or ("20120218301") or ("20190222830") or ("20120235883") or ("20150022620") or ("20090164896") or				

		("10314391") or ("20110221656") or ("9486248") or ("20160187654") or ("20170150956") or ("20190167934") or ("7975693") or ("20140267642") or ("20120212399") or ("20110221672") or ("6771423") or ("20110190824") or ("10325417") or ("20150044624") or ("20180116764") or ("20160044981") or ("20120235886") or ("6256193") or ("20060007562") or ("10701350") or ("10299892") or ("20120218172") or ("20180335927") or ("20100309615") or ("20160354180") or ("10449681") or ("20170090744") or ("20120242698") or ("20030184868") or ("20010004577") or ("20150022618") or ("20160262701") or ("7028961") or ("20110221669") or ("20170296753") or ("5148454") or ("10503211") or ("10010286") or ("20110221668") or ("20130322683") or ("20150020658") or ("20060283459") or ("20110227820") or ("20200174284") or ("5325415") or ("20150047644") or ("20090142724") or ("20130063382") or ("8456808") or ("20140211322") or ("10399616") or ("20120249797") or ("7455063") or ("20150258351") or ("20120236031") or ("20170291002") or ("20120235884") or ("10688265") or ("10175654") or ("20160349790") or ("20190236935") or ("10720094") or ("9782252") or ("10029615") or ("20190381680") or ("20180224804") or ("20140139407") or ("20190376755") or ("9584775") or ("20160357021") or ("20120235900") or ("9575505") or ("20120075168") or ("20120235885") or ("20040082202") or ("20200013226") or ("8762846") or ("20140160170") or ("10555688") or ("10019825") or ("20190012528") or ("8206266") or ("10171792") or ("20120212484") or ("20120267931") or ("7849855") or ("20200225493") or ("8986351") or ("10278686") or ("9885871") or ("20200218435") or ("7193783") or ("8788977") or ("20180043838") or ("20140252189") or ("20170295357") or ("20160097930") or ("10630873") or ("6157291") or ("20190357368") or ("20090212184") or ("9615818") or ("20080117580") or ("9843713")).PN. or (("20100076444") or ("20130023337") or ("20010037581") or ("8810482") or ("20100000136") or ("8125368") or ("20200226971") or ("20110034300") or ("20190080152") or ("10638620") or ("20140138500") or ("20200228686") or ("20110227813") or ("8087192") or				

		("20180284457") or ("20190223854") or ("8556714") or ("10275021") or ("9064344") or ("7823849") or ("20200089009") or ("20170075388") or ("20150112153") or ("20160331514") or ("5284313") or ("20020164054") or ("10568703") or ("20100214729") or ("20070002130") or ("20100125816") or ("20140361974") or ("20060283452") or ("20030178882") or ("20120242678") or ("5281958") or ("20120054690") or ("20150288923") or ("20170027541") or ("9989993") or ("20020049398") or ("6575924") or ("20190068850") or ("20150009102") or ("9939784") or ("10228727") or ("20190354334") or ("20190146550") or ("20190332143") or ("20060198094") or ("9354446") or ("20070252060") or ("20060186295") or ("20140362403") or ("20200192432") or ("7387286") or ("20200219326") or ("20170371370") or ("8698965") or ("7349202") or ("20140160656") or ("9351667") or ("9304583") or ("9440356") or ("20140285435") or ("20160109905") or ("9146397") or ("6687389") or ("20050168627") or ("20130318776") or ("20120032489") or ("8301193") or ("5295328") or ("20180120571") or ("7409147") or ("10404903") or ("20100180709") or ("10231792") or ("10386888") or ("9229477") or ("20100095969") or ("20160058485") or ("20140069710") or ("20150190927") or ("9717871") or ("20140202493") or ("20110115883") or ("20180078319") or ("9951903") or ("9279536") or ("20050168626") or ("20140165252") or ("10009603") or ("20140092015") or ("20120162764") or ("10029370") or ("20180361137") or ("8997266") or ("20170149171") or ("5385327") or ("20200089027") or ("10429888") or ("9895097") or ("20130260360") or ("10015442") or ("20200214773") or ("20170065354") or ("7507240") or ("6802757") or ("20130126685") or ("9570037") or ("9789619") or ("20160250762") or ("20180136891") or ("20200206895") or ("9762791") or ("20170297213") or ("20100140999") or ("20070163600") or ("5367402") or ("20060119539") or ("10317683") or ("20140180081") or ("20120099029") or ("20170015003") or ("20080317297") or ("20200103662") or ("10379366") or ("20190156546")).PN. or (("10661072") or ("20200042685") or ("8179417") or ("10561482") or ("20170000497") or ("20100128112") or				

		("20050228214") or ("20120105740") or ("7724296") or ("20140253868") or ("7575575") or ("20160349792") or ("20150282754") or ("20160134803") or ("9730580") or ("20140353453") or ("6647652") or ("20040253841") or ("10133313") or ("20160178912") or ("20090243970") or ("9888832") or ("20080169998") or ("10133304") or ("20160349839") or ("8730332") or ("9032576") or ("10168772") or ("9874757") or ("10166357") or ("10524657") or ("20170352178") or ("9589357") or ("10456934") or ("20160262629") or ("9619201") or ("7094059") or ("20110138520") or ("8087729") or ("20180023756") or ("7542012") or ("10661458") or ("10331190") or ("20190234594") or ("20180345509") or ("8986029") or ("9255661") or ("20160300099") or ("20160353022") or ("9622703") or ("20120271201") or ("6972020") or ("10430988") or ("10642317") or ("9622702") or ("10171734") or ("20060229603") or ("9615176") or ("20070040084") or ("20060016941") or ("20120085863") or ("20120281382") or ("20150070250") or ("9881536") or ("6758717") or ("20150327379") or ("20090008349") or ("8148978") or ("9733482") or ("9639974") or ("10537304") or ("8400371") or ("20120320077") or ("6181974") or ("20160213251") or ("20190075240") or ("20020134570") or ("8695122") or ("20170090557") or ("20070296820") or ("7406257") or ("20100299814") or ("20200096775") or ("20170312065") or ("10220529") or ("20050228213") or ("20170251315") or ("9174351") or ("20190227602") or ("20180117272") or ("20150015671") or ("9217868") or ("20200001482") or ("20150245703") or ("20190183494") or ("20060285306") or ("20070125914") or ("20120078050") or ("20150294610") or ("9083926") or ("20130303317") or ("5732924") or ("20180129262") or ("20170115751") or ("10635179") or ("9824502") or ("20150213604") or ("20120320180") or ("10120646") or ("20100302644") or ("20170168124") or ("20180085949") or ("5971538") or ("20180169865") or ("20180161995") or ("9898076") or ("20200001481") or ("20190184586") or ("9907622") or ("20190346928") or ("10589426") or ("7551458") or ("20110018963") or ("20200179067") or ("9526443") or ("9280179") or ("10695922") or ("20170102767") or ("20140055978") or ("4749256")).PN. or (("10591974") or ("5618020")				

		or ("20150254892") or ("7273447") or ("8376466") or ("10285299") or ("20180035561") or ("20170085775") or ("7525309") or ("10456933") or ("20170080876") or ("20180025506") or ("7038709") or ("20190311102") or ("20040222171") or ("8764638") or ("20140125789") or ("9950434") or ("7564682") or ("9848174") or ("20180234674") or ("10424113") or ("10076279") or ("9120530") or ("5671037") or ("20140160657") or ("20130250122") or ("7527213") or ("8464732") or ("20100271365") or ("10413230") or ("8866587") or ("20070062089") or ("8358321") or ("20140148946") or ("20140320622") or ("20120061450") or ("9760123") or ("20160360078") or ("8355208") or ("20130006307") or ("7153257") or ("20160363773") or ("20060274487") or ("10339365") or ("7048433") or ("20130046438") or ("5086788") or ("20170143443") or ("9775684") or ("20080043411") or ("10500741") or ("7798457") or ("20170119987") or ("20120317817") or ("6680802") or ("20170000498") or ("6407335") or ("9874755") or ("20130235245") or ("20190111227") or ("20140176398") or ("20160067872") or ("20180074772") or ("20170261940") or ("20170035465") or ("20120075483") or ("9950435") or ("20070132290") or ("20190286217") or ("20020089469") or ("9160906") or ("20140246552") or ("20200158278") or ("6595683") or ("20020174581") or ("20120067364") or ("6052132") or ("20120044051") or ("20110240712") or ("20200031001") or ("9930235") or ("20160234950") or ("10031591") or ("20200167549") or ("9773332") or ("9381044") or ("20200238036") or ("6424321") or ("9442346") or ("20190029528") or ("20200031000") or ("20150085095") or ("20180079092") or ("20150328421") or ("20190053700") or ("8262224") or ("20160162604") or ("20130250084") or ("20170286752") or ("10376153") or ("20120162604") or ("20110273365") or ("9907923") or ("20170333657") or ("20180307900") or ("20150122262") or ("9389703") or ("20170326319") or ("20180325562") or ("20170352183") or ("10677387") or ("20160284208") or ("20180103917") or ("8753119") or ("20190130166") or ("9114216") or ("10076176") or ("20160234465") or ("7965344") or ("20170281284") or ("9689526") or				

		("20200001479") or ("9821122") or ("7997211") or ("20110112405") or ("6497607")).PN.				
S1426	3,294	H05K5/0086,0217.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:29
S1427	4	(("9423842") or ("20160085278") or ("20170031395") or ("10520996")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:43
S1428	1,315	(("9423842") or ("20160085278") or ("20170031395") or ("10520996") or ("10025119") or ("20160370606") or ("20150309995") or ("20170337187") or ("9672210") or ("20190266247") or ("10146772") or ("8558372") or ("20130043581") or ("8376209") or ("20110278455") or ("10036889") or ("20200033921") or ("20170235134") or ("20180348826") or ("20150138702") or ("10197801") or ("20120099266") or ("8941981") or ("20180267302") or ("9684172") or ("20160246055") or ("6069792") or ("9383788") or ("6377455") or ("10018837") or ("20110095437") or ("20170235133") or ("8704363") or ("8373980") or ("20120099261") or ("7626821") or ("20120099265") or ("20160172008") or ("8699216") or ("9715904") or ("20080253085") or ("20050151243") or ("20170142861") or ("9282681") or ("9743554") or ("20150208550") or ("20200152565") or ("6898072") or ("9532486") or ("20030133259") or ("20050018386") or ("20100198322") or ("20080151487") or ("20030133267") or ("6982873") or ("20160048159") or ("4748495") or ("7095612") or ("7768785") or ("20030151893") or ("20110058330") or ("9563233") or ("20030132041") or ("7187548") or ("6965514") or ("20050088835") or ("20030133283") or ("8553411") or ("7142434") or ("10261555") or ("6940715") or ("7177153") or ("6972957") or ("20030133257") or ("20030132040") or ("20060092611") or ("20050002162") or ("7450388") or ("20040061989") or ("20120250323") or ("20030133282") or ("7212407") or ("20160351526") or ("20030133268") or ("6909607") or ("20030133319") or ("9496588") or ("7016192") or ("20030132042") or ("20040066643") or ("6865080") or ("7061775") or ("7032695") or ("20150037647") or ("7382616") or ("20060164808") or ("20200174534") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:44

		("20170347498") or ("5704212") or ("10691184") or ("9848515") or ("9312580") or ("4535385") or ("9748548") or ("20160299545") or ("5966289") or ("20150037648") or ("9678546") or ("20090180290") or ("20030133318") or ("7187568") or ("20030193794") or ("9438113") or ("20050207115") or ("6744640") or ("20150037646") or ("20110292662") or ("20190045665") or ("20150037626") or ("20100110627") or ("20090165996") or ("20070152692") or ("4642715") or ("7835158") or ("9287579") or ("10403560") or ("20190116297") or ("20150035370") or ("7993031") or ("20090185373") or ("20150037642")).PN. or (("20120099264") or ("20190038455") or ("9385355") or ("20140049101") or ("10162382") or ("20130083535") or ("20140312750") or ("9161712") or ("5731952") or ("9326386") or ("20160363971") or ("20180081397") or ("8591068") or ("9553343") or ("20150109729") or ("9282678") or ("20130105122") or ("20140296672") or ("8699220") or ("20150037634") or ("20170030665") or ("20150028477") or ("20140296673") or ("20150138731") or ("20090109624") or ("20120099262") or ("20160179146") or ("20130278083") or ("8192054") or ("20080049949") or ("8858034") or ("5729431") or ("9425156") or ("20170365766") or ("20170010306") or ("9009958") or ("8950068") or ("9826299") or ("9880441") or ("8339775") or ("9759497") or ("9113829") or ("20130058038") or ("8669777") or ("7738249") or ("20140016274") or ("20110041317") or ("20180043450") or ("9921619") or ("9414526") or ("10290796") or ("20190017676") or ("20150131220") or ("20120299175") or ("20100202623") or ("20120105096") or ("20190129480") or ("20160329285") or ("9392731") or ("20150136365") or ("10717141") or ("20140296674") or ("10082536") or ("8953317") or ("20140290054") or ("8402772") or ("9237683") or ("20100296239") or ("20170235349") or ("6125035") or ("8982561") or ("9483063") or ("20140023205") or ("20150159924") or ("10580955") or ("10211159") or ("20100205622") or ("8590146") or ("20180308783") or ("20110305350") or ("20090323286") or ("6075287") or ("20120243198") or ("20200028057") or ("9435578") or ("20120244827") or ("20110292609") or ("20040132171") or ("20180167707") or ("20180314304") or ("10146275") or				

		("20120250880") or ("20140061285") or ("20170052277") or ("20110069454") or ("20150037662") or ("20060109629") or ("9829932") or ("20150037641") or ("10096806") or ("20110299251") or ("9827629") or ("20140036460") or ("10147664") or ("20070268669") or ("8749988") or ("8724335") or ("9173332") or ("8027162") or ("9525195") or ("20170184863") or ("20090237471") or ("20110315344") or ("20140307389") or ("20140160683") or ("8274787") or ("20180042141") or ("10278309") or ("20080101025") or ("20140146482") or ("20190139899") or ("8755179") or ("20150075755") or ("20150156928") or ("8593821") or ("8988884") or ("20100186217") or ("20160259380") or ("20110315343") or ("8830687")).PN. or (("20060262545") or ("7946697") or ("20160066477") or ("20150037649") or ("20140146468") or ("20090154111") or ("20180129112") or ("20110301906") or ("20110299699") or ("9164555") or ("20190107870") or ("9210831") or ("8493739") or ("7974099") or ("20140043751") or ("8345423") or ("6189327") or ("20110299698") or ("7420808") or ("20140146467") or ("9013881") or ("20090080162") or ("20070039716") or ("5673176") or ("7336490") or ("20130091866") or ("10317955") or ("9119288") or ("20080089026") or ("10416735") or ("8947873") or ("8274792") or ("20190111278") or ("7733659") or ("20130003280") or ("20080084664") or ("20110299261") or ("8369091") or ("20180082926") or ("6069793") or ("20110299700") or ("20110315355") or ("20160044779") or ("8087165") or ("20130063854") or ("20160143189") or ("8284559") or ("20080273307") or ("5966286") or ("8477509") or ("20080141681") or ("20190157186") or ("8035976") or ("20160136851") or ("5847929") or ("7616445") or ("7766518") or ("20070041160") or ("10061361") or ("20130091868") or ("8599568") or ("8087254") or ("9865522") or ("20090210190") or ("8625293") or ("5802865") or ("20110292616") or ("20140220743") or ("8731862") or ("6141215") or ("10194066") or ("8179677") or ("20140001619") or ("8874182") or ("20110292769") or ("20100315787") or ("9652005") or ("9116674") or ("7177154") or ("8570757") or ("10249555") or ("8886275") or ("20130259260") or ("7518871") or ("20160241763") or ("7382618") or ("9761508") or ("8498126") or ("20140200424") or				

		("20120327590") or ("20060133041") or ("20100175851") or ("20120320523") or ("8995115") or ("8625292") or ("9456527") or ("6226178") or ("20150038809") or ("9210830") or ("9720462") or ("20140200425") or ("20110013363") or ("6097607") or ("20080218970") or ("20080264614") or ("7414845") or ("20080285271") or ("5411077") or ("20170017279") or ("10111365") or ("7748818") or ("20170207519") or ("20170014074") or ("20080211858") or ("6266242") or ("20080230208") or ("5780928") or ("8415788") or ("20020186537") or ("20190277552") or ("7828465") or ("8713957") or ("10004457") or ("7499281") or ("20180004259") or ("8947860") or ("20040228093") or ("20170141154") or ("20190192876") or ("20110083446") or ("8276394") or ("20090151908") or ("8787021")).PN. or (("20130164567") or ("10265812") or ("7254027") or ("8474275") or ("20060126297") or ("20040042178") or ("8111516") or ("9209114") or ("20060056155") or ("20190192877") or ("20070034360") or ("20020181200") or ("10204962") or ("20180350189") or ("5198965") or ("20180249133") or ("20170308133") or ("8395898") or ("10616534") or ("20180253632") or ("20130168058") or ("20150037616") or ("20150037640") or ("20180097301") or ("20140168903") or ("10067539") or ("9337451") or ("20110286178") or ("20120281364") or ("20190149707") or ("7327569") or ("10037448") or ("20130000871") or ("20200205299") or ("6483707") or ("10164358") or ("20110289684") or ("10674257") or ("20180004261") or ("9398856") or ("20170109557") or ("6175493") or ("8879263") or ("7856341") or ("20180217382") or ("5412535") or ("9538633") or ("4628407") or ("5875095") or ("20190268550") or ("20020117291") or ("20150150453") or ("20060181857") or ("8619426") or ("20050178128") or ("20120134098") or ("20080143954") or ("5880930") or ("10201111") or ("10160072") or ("20140078462") or ("9839166") or ("20180157297") or ("20080043425") or ("20120151098") or ("5712762") or ("20170065183") or ("10566013") or ("7073338") or ("20130124039") or ("8834020") or ("10542222") or ("4997032") or ("20110051982") or ("20170045300") or ("10098548") or ("6593673") or ("6621698") or ("20120175094") or ("20100328890") or ("20100097767") or ("10466510") or ("5552960") or ("20160255748") or				

		("8325480") or ("20190021407") or ("9606375") or ("20090105605") or ("8328420") or ("20060262544") or ("7810750") or ("9844277") or ("7277286") or ("10175731") or ("20170364130") or ("7791889") or ("20160377891") or ("20190098392") or ("20050157098") or ("7380910") or ("20170215983") or ("8540363") or ("6421240") or ("10515242") or ("5784256") or ("20150365757") or ("20170227793") or ("8884753") or ("20060215364") or ("10559874") or ("20200042053") or ("20170155746") or ("20180014105") or ("20040242976") or ("8922366") or ("6157538") or ("20100226139") or ("7751918") or ("10015577") or ("20090103267") or ("20180054553") or ("20190018991") or ("10617036") or ("20080163631") or ("10397453") or ("7042733") or ("5671120") or ("20160088382") or ("10613336") or ("20130163248") or ("9088848")).PN. or (("10510737") or ("20190269037") or ("6687126") or ("20130271905") or ("8018720") or ("20090154106") or ("10152100") or ("9723391") or ("9122082") or ("7020508") or ("20120194550") or ("20170105314") or ("20170060177") or ("20180301443") or ("20150061837") or ("8926145") or ("20170095205") or ("9557582") or ("20140154535") or ("20020154483") or ("20020159233") or ("10021474") or ("20040252535") or ("10090498") or ("7344279") or ("20090085993") or ("20180153459") or ("20170043437") or ("20150148628") or ("20130081258") or ("6532152") or ("7703951") or ("20150005606") or ("8172459") or ("20180048796") or ("20150094914") or ("6567269") or ("20050193742") or ("10054995") or ("20180120912") or ("10448890") or ("4322737") or ("20120200499") or ("20180078669") or ("20200144237") or ("20120206335") or ("20130021752") or ("8867209") or ("20160081622") or ("9894805") or ("9445767") or ("10298820") or ("20160140887") or ("20120316459") or ("20070258218") or ("20200144192") or ("20180321720") or ("20090154102") or ("20070248238") or ("20100302732") or ("20070106172") or ("20080144854") or ("6233146") or ("5043845") or ("7369412") or ("7845782") or ("20090185350") or ("20100128431") or ("8018722") or ("20120220234") or ("20120194553") or ("20080084668") or ("7706144") or ("20090303300") or ("9128305") or ("20140063054") or ("20120111034") or ("20060133040") or ("9119530") or ("8468837") or				

		("9759917") or ("20120206485") or ("20180219404") or ("8833096") or ("20140063055") or ("20140070957") or ("9848815") or ("20190025587") or ("20110194208") or ("20040039254") or ("20110038120") or ("20200091054") or ("8806749") or ("9285589") or ("20090310295") or ("20120210489") or ("10123732") or ("20160136385") or ("20110249406") or ("7957141") or ("20180072431") or ("20140257591") or ("20180342449") or ("20100128094") or ("10180572") or ("20200229530") or ("20120194551") or ("10225955") or ("6823678") or ("20170097524") or ("20180096927") or ("20150309316") or ("6014314") or ("7400505") or ("20120206323") or ("20190041642") or ("20180188537") or ("10010722") or ("6545874") or ("8849379") or ("20120200601") or ("5430609") or ("10039492") or ("20060133042") or ("7787247") or ("20070217139") or ("20150363280") or ("8002393") or ("8251499")).PN. or (("10477168") or ("20080011455") or ("20150148681") or ("7589962") or ("4924352") or ("20180239404") or ("20100226097") or ("20120212414") or ("20080259567") or ("20110205702") or ("20200166992") or ("20090303301") or ("20080084667") or ("7791881") or ("10227063") or ("20120200488") or ("8295011") or ("10522451") or ("20130314303") or ("10211136") or ("10358230") or ("20120212406") or ("20120194419") or ("5785535") or ("20170344114") or ("20080291630") or ("20150359137") or ("6389499") or ("6931328") or ("9655286") or ("7918578") or ("20140096930") or ("7876564") or ("20200211938") or ("8050028") or ("20120056847") or ("20120206322") or ("20170168566") or ("20180220110") or ("20120194549") or ("20090167811") or ("20200083184") or ("20110077555") or ("7606030") or ("5615086") or ("9282893") or ("20030173942") or ("7061104") or ("20120194552") or ("7289328") or ("20060146500") or ("20190339750") or ("20070119583") or ("20130190661") or ("10386898") or ("10185331") or ("20010046119") or ("10251776") or ("20190317566") or ("7408776") or ("10448680") or ("20120194418") or ("7072185") or ("20200066613") or ("20160209648") or ("8605426") or ("20120194420") or ("20190348407") or ("20120057297") or ("20050157033") or ("20120206334") or ("5581443") or ("20030011976") or				

		("20180138387") or ("20170234818") or ("6046906") or ("20070278207") or ("20090161348") or ("6069023") or ("6002177") or ("20180356156") or ("20080196868") or ("20120111036") or ("20050157007") or ("20040093167") or ("8783052") or ("10649506") or ("8040292") or ("7460376") or ("7775642") or ("20180091183") or ("20090096847") or ("10539787") or ("7724517") or ("20140133096") or ("8240825") or ("20050238538") or ("5339214") or ("20150327394") or ("20050061473") or ("9400904") or ("6347035") or ("10667431") or ("20150048073") or ("20140062511") or ("20150143831") or ("6015301") or ("9163955") or ("20060198112") or ("7193851") or ("7365985") or ("20120279686") or ("20050103826") or ("20060187646") or ("10448894") or ("20100320187") or ("6072697") or ("20190282394") or ("20080174961") or ("20110314837") or ("7857436") or ("20170249542") or ("20080238649") or ("6324062") or ("9307674") or ("20080122736") or ("8425435") or ("20150107801") or ("20060109626")).PN. or (("20050276053") or ("6313994") or ("20190046117") or ("20150209174") or ("20200053444") or ("7280365") or ("10045630") or ("20130277082") or ("7249822") or ("7310072") or ("20180165561") or ("7639498") or ("20180344044") or ("9148979") or ("9606612") or ("10527355") or ("10404309") or ("20150359132") or ("9414525") or ("20180217798") or ("20190333837") or ("20180350190") or ("20140078674") or ("6307751") or ("10579135") or ("9313923") or ("10152667") or ("20060291172") or ("20170163302") or ("9042098") or ("20100328889") or ("20050094374") or ("9726418") or ("20150130078") or ("20170112018") or ("20150363617") or ("7019967") or ("20180077824") or ("20150114602") or ("9368183") or ("20160198565") or ("20170337461") or ("6900529") or ("20150016042") or ("20180053533") or ("20140318699") or ("20180288908") or ("10446735") or ("20140078675") or ("20180144227") or ("7405936") or ("20160079140") or ("20130229764") or ("10681439") or ("7068515") or ("9686889") or ("20170196513") or ("6305944") or ("20140133099") or ("20200144777") or ("20160181169") or ("20200094782") or ("20190026618") or ("9047060") or ("20170242463") or ("20100271427") or				

		("20140098489") or ("20180095100") or ("10194558") or ("6452572") or ("9207724") or ("9129295") or ("20150109728") or ("4935864") or ("20080150125") or ("8564956") or ("20180130750") or ("9490188") or ("10694644") or ("20090116195") or ("20020190923") or ("7646093") or ("7328973") or ("20050157013") or ("5014904") or ("20160143185") or ("7592702") or ("10475842") or ("9439325") or ("20140307373") or ("9182596") or ("6683584") or ("9504189") or ("6717799") or ("20080023840") or ("8945328") or ("20190076090") or ("20180271697") or ("20030147225") or ("20060264730") or ("20020154474") or ("20130321168") or ("6205022") or ("9961788") or ("10079042") or ("7050308") or ("10102469") or ("20050155252") or ("10153235") or ("9817440") or ("9999539") or ("20200236812") or ("20170216088") or ("7327576") or ("20110077556") or ("20140275813") or ("5815126") or ("20100108291") or ("20070258216") or ("8014150") or ("6064570") or ("20200043970") or ("20180299929") or ("7819490") or ("20110077557") or ("20140275812") or ("10597002") or ("6931092") or ("20190025893") or ("7880282") or ("9304519")).PN. or (("10346734") or ("9936607") or ("9973238") or ("20120249797") or ("6606251") or ("7124931") or ("20140355206") or ("7946986") or ("20150188607") or ("6259600") or ("9804644") or ("20180376586") or ("20050264633") or ("20020163486") or ("20150138715") or ("9332674") or ("20080218538") or ("20200185321") or ("10345875") or ("20150040282") or ("20030122081") or ("9366862") or ("9664569") or ("20120242697") or ("20150296659") or ("10509002") or ("10047981") or ("6251707") or ("20100274396") or ("20180316392") or ("20170049010") or ("6421031") or ("20190140011") or ("20190237406") or ("9930806") or ("20080212119") or ("20050117292") or ("20110261556") or ("20130308265") or ("20120126401") or ("20150143601") or ("20160334279") or ("9986771") or ("20060255773") or ("10475751") or ("20110090628") or ("4758926") or ("20130169714") or ("8405969") or ("9701458") or ("7971446") or ("20060087814") or ("10420674") or ("20170199560") or ("20080013270") or ("9414523") or ("10534405") or ("8948839") or ("20200091099") or ("7920383") or ("20140062510") or ("20200192089") or ("20090207209") or ("20160154244") or				

		("10437309") or ("20150115424") or ("10383261") or ("20080158313") or ("9275977") or ("10644755") or ("9301557") or ("7978472") or ("7097462") or ("7515416") or ("7686437") or ("20070164409") or ("9754849") or ("7436661") or ("7537315") or ("20040136167") or ("20100313590") or ("20140180022") or ("20190364968") or ("20170248475") or ("20120000207") or ("20150253822") or ("20140276192") or ("10558247") or ("10433458") or ("20170343810") or ("7207670") or ("20180067516") or ("20190200925") or ("6970348") or ("20100201740") or ("9345169") or ("10045439") or ("7733635") or ("9341843") or ("20190271599") or ("6944970") or ("9042099") or ("20140137569") or ("20160143184") or ("7817412") or ("20150186701") or ("9775229") or ("20150165800") or ("7384135") or ("10258092") or ("20100177480") or ("8672450") or ("20190132948") or ("20090213541") or ("20040150959") or ("6591898") or ("20190206764") or ("20140082942") or ("20180114784") or ("7088583") or ("8220900") or ("5864481") or ("20110290448") or ("20200068708") or ("20150173474") or ("8932238") or ("7658483") or ("7256991") or ("9185830") or ("6288896") or ("20080196870")).PN. or (("8115291") or ("10462898") or ("9892359") or ("7677692") or ("20150116941") or ("9420728") or ("20150285573") or ("20050157018") or ("6900984") or ("9576168") or ("6545868") or ("4860444") or ("20100123766") or ("7151668") or ("20150114601") or ("10045463") or ("9922281") or ("20140180020") or ("10289163") or ("20190379417") or ("7161803") or ("20100053273") or ("20140180023") or ("20140362522") or ("8348386") or ("6882543") or ("6400565") or ("20040240245") or ("20140111933") or ("20100052132") or ("20070281639") or ("20140180021") or ("20180317572") or ("9009971") or ("4323914") or ("9069535") or ("8941396") or ("20100207999") or ("20180185665") or ("6678168") or ("20100149230") or ("7703886") or ("5959836") or ("20080018706") or ("20160295747") or ("9930807") or ("20190027419") or ("7242574") or ("9949412") or ("6651446") or ("20150282392") or ("6061235") or ("20130208422") or ("20140124174") or ("20140123492") or ("9134534") or ("20140180137") or ("20080239030") or ("20050287829") or ("6351381") or ("20160081197") or ("8025381") or				

		("8366244") or ("9435590") or ("7942502") or ("10076254") or ("20180190011") or ("10548788") or ("20190191284") or ("20050155248") or ("20060191134") or ("20100103220") or ("20160166153") or ("20150309562") or ("9913400") or ("9420721") or ("20050157152") or ("10169624") or ("7753507") or ("20070252870") or ("6219241") or ("9285846") or ("20050157010") or ("20110075353") or ("9097891") or ("20170112391") or ("9818667") or ("20170025091") or ("20180107848") or ("20100165059") or ("20140049914") or ("10577166") or ("20110102991") or ("20140055949") or ("20160381844") or ("9261308") or ("20110077514") or ("20090168366") or ("9038406") or ("20070258205") or ("20110113791") or ("10323990") or ("6117797") or ("8042922") or ("20080211888") or ("20050157012") or ("20170133794") or ("6326686") or ("20050152106") or ("7369174") or ("8976513") or ("8979763") or ("20140362523") or ("20190041901") or ("20160239985") or ("7488052") or ("7470006") or ("20050156987") or ("20190265473") or ("20080111872") or ("20170267430") or ("20160103541") or ("20080186370") or ("9168001") or ("20070242426") or ("20180253125") or ("20120236030") or ("20100321893") or ("20120212499") or ("9452260") or ("5258887")).PN. or (("8482859") or ("9250024") or ("9904811") or ("20100309626") or ("8425286") or ("20170316228") or ("20140085822") or ("20130128918") or ("20080287817") or ("20030122958") or ("20090091607") or ("7911782") or ("7703885") or ("20130077257") or ("9515003") or ("20080287751") or ("20120092826") or ("20150257297") or ("20160064301") or ("20160212879") or ("10135321") or ("20200161231") or ("20190335600") or ("9095942") or ("10062182") or ("20150148774") or ("20160310022") or ("20050243525") or ("20120201006") or ("10466826") or ("8955337") or ("20100328891") or ("20090102883") or ("20070227382") or ("20170135884") or ("20160295748") or ("20140071627") or ("20040264631") or ("10416537") or ("10012838") or ("9743561") or ("9787033") or ("7695121") or ("20030137808") or ("6920704") or ("7319589") or ("20140062654") or ("20100328877") or ("20140111914") or ("9818005") or ("6432840") or ("20120235900") or ("10325596") or ("20050270739") or				

		("20190200924") or ("20050157039") or ("7826724") or ("9904333") or ("20170126102") or ("7380902") or ("9207023") or ("20130105120") or ("20070246192") or ("7147102") or ("10191522") or ("7019972") or ("9420734") or ("8810391") or ("8558374") or ("20190378545") or ("20150342023") or ("7771035") or ("20160367185") or ("20080174962") or ("20090168362") or ("8477425") or ("8009419") or ("20090303295") or ("8488246") or ("10052519") or ("20190200184") or ("20160216516") or ("20200089358") or ("10285293") or ("8345431") or ("20050157031") or ("8985847") or ("20080017355") or ("20050155884") or ("20170303433") or ("20120212398") or ("8007093") or ("20070165373") or ("8529081") or ("20050200682") or ("20190289755") or ("9668334") or ("6232937") or ("20090199997") or ("20050045313") or ("20090001560") or ("20080158317") or ("20110138617") or ("20120279233") or ("9223134") or ("10424345") or ("10159440") or ("20170092618") or ("9743562") or ("20020186531") or ("20160338232") or ("8228675") or ("5121292") or ("9585285") or ("RE42252") or ("20180011390") or ("10548231") or ("20170312578") or ("7311382") or ("20180000563") or ("20200137916") or ("8079684") or ("20100097751") or ("20200127404") or ("7050302") or ("6229204") or ("7367267") or ("20180000255") or ("20120212399") or ("10721838")).PN. or (("20160240008") or ("20180092241") or ("20100182387") or ("20160116745") or ("20110228529") or ("7724530") or ("20070125522") or ("8526185") or ("5989400")).PN.				
S1429	8	("D834017" | "10251292" | "20130342981" | "20140153173" | "20180003984" | "20180295733" | "20170337737" | "20130250503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 12:48
S1430	3	S1429 AND PROCESSOR	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:02
S1431	3	S1429 AND (PROCESSOR OR CPU)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:03
S1432	6,084	((("PARK") near3 ("Daehyeong")) OR (("CHOI") near3 ("Jongmin")) OR (("KIM") near3 ("Jaehee")) OR (("KIM") near3 ("Jongkeun")) OR (("KIM") near3	US-PGPUB; USPAT;	OR	OFF	2020/08/03 13:27

		("Hun")) OR (("BYUN") near3 ("Donghyun")) OR (("JEONG") near3 ("Uyhyeon")) OR (("JUNG") near3 ("Iksu")) OR (("CHO") near3 ("Sunggun")) OR (("CHO") near3 ("Chongkun")) OR (("CHOI") near3 ("Wonhee")) OR (("HWANG") near3 ("Seunghyun")) OR (("YOON") near3 ("Byounguk")) OR (("LEE") near3 ("Minsung"))).INV.	USOCR; EPO; JPO; DERWENT			
S1433	3	(("20200183455") or ("20200186183") or ("20200201385")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:38
S1434	126	(("20200183455") or ("20200186183") or ("20200201385") or ("20180263151") or ("20130194516") or ("10709051") or ("20130194517") or ("20200203864") or ("20130194515") or ("20200221589") or ("20040207976") or ("6995975") or ("20190317553") or ("20200177771") or ("7961281") or ("20090086123") or ("7956967") or ("20130257712") or ("20090128733") or ("20110070799") or ("20180156670") or ("8334953") or ("20120274866") or ("10527498") or ("9964775") or ("20020067591") or ("20160018667") or ("6477039") or ("20190317627") or ("9891766") or ("20130016289") or ("20150253495") or ("20170086323") or ("10070552") or ("20080068529") or ("20200192019") or ("8797749") or ("20160079695") or ("8665388") or ("20120250276") or ("20200037460") or ("8727512") or ("10674623") or ("20200194879") or ("20120327162") or ("9831583") or ("20050207092") or ("5554806") or ("6992250") or ("20180310426") or ("20150212350") or ("8777384") or ("20120327146") or ("9323088") or ("8793890") or ("20150226997") or ("20180017827") or ("20180368274") or ("10512184") or ("20190317359") or ("20190014670") or ("20200022270") or ("9252088") or ("10274769") or ("9774116") or ("9853432") or ("20170149223") or ("20200084528") or ("20120260514") or ("20130164995") or ("9578759") or ("20160234949") or ("8912640") or ("20170162961") or ("9605701") or ("20200026116") or ("9185836") or ("7697272") or ("20070054548") or ("8026996") or ("20190361566") or ("20140177147") or ("7207837") or ("20130265505") or ("20150189775") or ("20130009299") or ("9391029") or ("9891660") or ("9516770") or ("20150364428") or ("9887724") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:39

		("20200067218") or ("20160313770") or ("20160277057") or ("20200183450") or ("20170347479") or ("20190369668") or ("20150062460") or ("20170318694") or ("20100203924") or ("20100123240") or ("8299600") or ("20180210495") or ("10383238") or ("20110101838") or ("20140023427") or ("20140111704") or ("20200174521") or ("20160133549") or ("20150069594") or ("10452097") or ("8276409") or ("10646332") or ("10545361") or ("20200168577") or ("10705564") or ("6497026") or ("20130265504") or ("20120050975") or ("20140036162") or ("8638549") or ("9947836") or ("20200218498") or ("20170213940") or ("6099353") or ("20130093960")).PN.				
S1435	23,919	g06f1/1637,1626,1656,1633,1658.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:50
S1436	20,852	S1435 and display$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:54
S1437	2,019	S1436 and ((adhesive$1 or glue or tape) near3 layer$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:56
S1438	354	S1437 and ((front and rear) near3 (plate$1 or casing$1 or housing$3 cover$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 13:57
S1439	348	S1438 not S1434	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 14:00
S1440	35	S1434 and ((adhesive$1 or glue or tape) near3 layer$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 14:03
S1441	4	(("20180343332") or ("20180175130") or ("20180155576") or ("20180219165")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/03 14:21
S1447	8	("20080117578" | "20090257201" | "20100207903" | "20120275087" | "20150351704" | "20150359429" | "20160249468" | "6221012").PN.	US-PGPUB; USPAT	OR	OFF	2020/08/17 00:55

S1448	2,051	g06f1/1613.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:00
S1449	1,480	g06f1/166.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:01
S1450	814	g06f1/1633.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:01
S1451	8,079	g06f1/1656.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:01
S1452	402	S1448 and (handle$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:02
S1453	310	S1449 and (handle$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:02
S1454	185	S1450 and (handle$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:02
S1455	1,641	S1451 and (handle$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:02
S1456	6	S1448 and ((removable) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:02
S1457	2	S1450 and ((removable) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:03
S1458	9	S1451 and ((removable) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:03
S1459	5	S1449 and ((removable) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:03

S1460	17	S1456 S1457 S1458 S1459	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:03
S1461	1	("2018/0049332").URPN.	USPAT	OR	OFF	2020/08/17 01:10
S1462	29	("20040114332" | "20060104020" | "20080158806" | "20080186665" | "20100177467" | "20100301717" | "20110225771" | "20110273850" | "20120020019" | "20120044624" | "20120257342" | "20140317913" | "5721668" | "6115883" | "7206198" | "7342778" | "7450372" | "7576981" | "7612998" | "7929298" | "8050027" | "8508937" | "8567014" | "8670233" | "9187021" | "9471096").PN. OR ("9930795").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:11
S1463	4	("20120257342" | "20130113229" | "20140126230").PN. OR ("9471096").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:17
S1464	2	"20120257342"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:18
S1465	11	("20070002533" | "20110266230" | "5710728" | "6049813" | "6532152" | "6906917" | "8315048" | "8462494").PN. OR ("8767396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 01:19
S1466	24,660	G06F1/1626,1605,1613,1637,1643,1686.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:09
S1467	19,864	G06F3/0412.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:09
S1468	5,612	361/679.21-679.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:12
S1469	1	("20190025880").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:13
S1470	506	(("20190025880") or ("20170254930") or ("20190144332") or ("20150331149") or ("9581731") or ("20150167921") or ("20160313494") or ("9880328") or ("9952375") or ("20180059309") or ("10302841") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:14

		("20190243052") or ("10698151") or ("20170115498") or ("10353214") or ("20200230848") or ("20180050473") or ("20160016338") or ("20170131559") or ("9995944") or ("9862124") or ("10647032") or ("9512029") or ("20150085369") or ("20130323444") or ("10051753") or ("20170196109") or ("20200163244") or ("20180343758") or ("20190079230") or ("10575422") or ("20200052019") or ("20030227949") or ("20120218640") or ("20190248703") or ("20110232721") or ("9701579") or ("20170327418") or ("20180329207") or ("10183889") or ("7968790") or ("8921681") or ("5581405") or ("20140334006") or ("20170269266") or ("20100180929") or ("5543966") or ("9703011") or ("20150124308") or ("10620344") or ("20170199307") or ("9529214") or ("20030180476") or ("20180059297") or ("20200217990") or ("8274729") or ("7094452") or ("20190113818") or ("20080030836") or ("20160370680") or ("20110002028") or ("9465988") or ("20180297328") or ("20190023947") or ("10185198") or ("5715091") or ("7688495") or ("20190138154") or ("20180216222") or ("20080302657") or ("20130308181") or ("20150192783") or ("10017847") or ("20100044553") or ("8908294") or ("10598848") or ("20160280584") or ("20200033532") or ("20060291061") or ("20120218618") or ("20080310005") or ("9753299") or ("20080285119") or ("8547622") or ("10273182") or ("7411729") or ("20180196227") or ("7746534") or ("10571654") or ("20140363624") or ("20100215903") or ("20180126704") or ("20140071513") or ("8441728") or ("8873127") or ("5589983") or ("8169681") or ("20110102898") or ("9223140") or ("20120008210") or ("20190248098") or ("20080088923") or ("20110249240") or ("20150107665") or ("5638212") or ("10725223") or ("20200192002") or ("20200243799") or ("20120229423") or ("20160357294") or ("10599909") or ("20200050829") or ("20040169791") or ("20180134614") or ("20140036338") or ("8964298") or ("20120218301") or ("20130127980") or ("9151875") or ("8467133") or ("10442151") or ("20180052277") or ("20120099848") or ("9110200") or ("20070070276") or ("20120212484") or ("8905610") or ("8391705")).PN. or (("20110255303") or ("20200110322") or ("20110277361") or ("8842358") or				

		("20150177425") or ("20120212499") or ("10466409") or ("20130155723") or ("9523807") or ("8164721") or ("20180096186") or ("20130278631") or ("20190294853") or ("10393941") or ("10175413") or ("8411230") or ("20030011315") or ("20200041712") or ("20190170928") or ("8054416") or ("20120008207") or ("20170045669") or ("9664822") or ("20040252867") or ("20150078035") or ("10481317") or ("20140049983") or ("10380395") or ("10444419") or ("20180052274") or ("20170161544") or ("20100181014") or ("20110176396") or ("20170161543") or ("20180059304") or ("8867320") or ("6677703") or ("9086318") or ("8048250") or ("10176355") or ("20200064540") or ("20100165134") or ("20180029929") or ("8599301") or ("20170109561") or ("20070108900") or ("10157305") or ("20200158916") or ("20150077841") or ("10730790") or ("9028123") or ("20200034602") or ("10169630") or ("20190228204") or ("9182596") or ("20170315384") or ("20110273906") or ("10488559") or ("9418193") or ("8434909") or ("9759847") or ("20130250618") or ("10267970") or ("10627559") or ("20120242697") or ("20190025611") or ("10073282") or ("8950902") or ("20140220713") or ("20020044351") or ("20110227487") or ("5670240") or ("20180052501") or ("20160370505") or ("20160350445") or ("20180052320") or ("20090072150") or ("10002215") or ("20170017824") or ("20150219834") or ("9557473") or ("6979499") or ("20110080643") or ("20060066508") or ("9341843") or ("20150277097") or ("10416352") or ("20180052276") or ("10216975") or ("20040070551") or ("20120300304") or ("20200165162") or ("20080210303") or ("9573842") or ("20100044815") or ("20150338561") or ("20150322270") or ("20200209459") or ("20170299778") or ("7230767") or ("20160236974") or ("7072096") or ("10181070") or ("20150277098") or ("8203073") or ("20140335332") or ("20190303639") or ("20190012512") or ("20160238743") or ("20170091506") or ("10515992") or ("20180107050") or ("20190229141") or ("20100185991") or ("20140376094") or ("20200101692") or ("10146258") or ("20120300307") or ("20190243032") or ("20140335330") or ("10360432") or ("20200176497") or ("20190011605") or				

		("20190095676") or ("20190312067") or ("20200075655") or ("7904871")).PN. or (("10303919") or ("20160377768") or ("20170161540") or ("10331939") or ("9934418") or ("9079802") or ("20130032914") or ("10330832") or ("10444408") or ("8488246") or ("20180321425") or ("20080308151") or ("20170075039") or ("10451773") or ("10424606") or ("20180225501") or ("20060056061") or ("8823067") or ("20170075127") or ("5449413") or ("10162084") or ("9366784") or ("20040134879") or ("20180275318") or ("20090040629") or ("20140085551") or ("20080123908") or ("10614283") or ("20180260602") or ("9513730") or ("20200034596") or ("20120212400") or ("7728959") or ("20150192763") or ("9359261") or ("9535280") or ("20100277801") or ("7045052") or ("10613340") or ("7599134") or ("20080055729") or ("20170160434") or ("7964788") or ("20110214733") or ("20190179550") or ("20040021783") or ("20200025976") or ("20200057177") or ("20200158917") or ("20120235887") or ("20170205639") or ("20050199510") or ("8496339") or ("20120227809") or ("10502980") or ("20070221826") or ("10254472") or ("20160070119") or ("20170051884") or ("10642087") or ("10345623") or ("20200034597") or ("9134547") or ("20160209728") or ("20190002331") or ("20090084438") or ("20180217300") or ("20180348425") or ("20150293272") or ("9477076") or ("8076571") or ("7628906") or ("20080219027") or ("20190004217") or ("20160187654") or ("20120212399") or ("20190219743") or ("20120060916") or ("20160355689") or ("20130141693") or ("20190243040") or ("20200081270") or ("20180117882") or ("20190180072") or ("10605965") or ("7423821") or ("10387710") or ("20150277099") or ("8482859") or ("20040080938") or ("7436449") or ("10310152") or ("20190139996") or ("9129295") or ("20170255813") or ("20140192346") or ("20180316160") or ("20110240009") or ("20180005960") or ("20180033986") or ("20060024880") or ("10698138") or ("20160193963") or ("9798075") or ("9741963") or ("20030151830") or ("20190323663") or ("10399305") or ("7543974") or ("20120100346") or ("20020060857") or ("20160209648") or ("20120200816") or ("20180284330") or ("20120170284") or ("8994933") or ("20190074476") or ("20130201562") or				

		("20120025714") or ("20120235900") or ("20160048037") or ("9254789") or ("10036847") or ("20080219028") or ("8502452") or ("20160268541") or ("20160216413")).PN. or (("20170205572") or ("20060228892") or ("8840257") or ("20180059318") or ("9618827") or ("10427606") or ("20200033477") or ("9116289") or ("5484558") or ("20130107370") or ("10211237") or ("20160202038") or ("8472120") or ("20190218142") or ("20120218172") or ("20150233826") or ("20200228204") or ("20120236031") or ("8815402") or ("10437974") or ("20200192089") or ("10295710") or ("9557846") or ("10741725") or ("7530726") or ("9128281") or ("20120242698") or ("20160324016") or ("10429577") or ("20190026527") or ("10318791") or ("20120075168") or ("20120236030") or ("20100277786") or ("9891098") or ("7274501") or ("20200045155") or ("20160223717") or ("20140056028") or ("20190026523") or ("20120249797") or ("20130334511") or ("20060152931") or ("20180215657") or ("7567373") or ("20130104952") or ("20120212398") or ("20030012416") or ("8477425") or ("9645304") or ("20150323705") or ("9207174") or ("20190235157") or ("20140291791") or ("6570710") or ("9366862") or ("7139459") or ("20050276536") or ("10539787") or ("20120235886") or ("9134534") or ("6356389") or ("20120235883") or ("20190196071") or ("9927224") or ("20140098058") or ("20120027399") or ("7400439") or ("20180157889") or ("9726786") or ("9097890") or ("7330315") or ("9223134") or ("20130182331") or ("9229227") or ("20120229893") or ("10408981") or ("20170341451") or ("20130186466") or ("20160111624") or ("20120235884") or ("20170327419") or ("6417966") or ("20120057066") or ("20190326988") or ("20120242678") or ("9335444") or ("9097891") or ("10055637") or ("20110170164") or ("20200123568") or ("20120235885") or ("20180129798") or ("9285584") or ("8923693") or ("20170336538") or ("20190377858") or ("9400911") or ("20140009661") or ("20060050356") or ("10436945") or ("8441710") or ("20170229668") or ("20190334618") or ("20100319755") or ("20170068027") or ("8599302") or ("9446979") or ("20190097722") or ("20080314436") or ("20030169515") or ("9882110") or ("6771435") or ("20040004679") or ("8338693") or ("20170286743") or ("20150309316") or ("20190122025") or				

		("20120235969") or ("8115988") or ("20190256410") or ("9933622") or ("8282224") or ("5861628")).PN.				
S1471	23	(("20190025880") or ("20130177302") or ("20180321571") or ("20140176779") or ("8684613") or ("10018891") or ("20180126704") or ("20200014415") or ("20190144332") or ("20100044553") or ("10551722") or ("20130176484") or ("20190025673") or ("10133156") or ("20190158641") or ("10609191") or ("9716815") or ("20100044815") or ("20200045155") or ("20200053896") or ("10736226") or ("D862407") or ("20120027399")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:15
S1472	15,072	((("SEO") near3 ("Youngmin")) OR (("LEE") near3 ("Youngsoo")) OR (("KIM") near3 ("Min")) OR (("KIM") near3 ("Yongha"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/17 10:17
S1473	2,051	g06f1/1613.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1474	2	S1473 and ((DETACH$4) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1475	1,480	g06f1/166.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1476	6	S1475 and ((DETACH$4) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1477	814	g06f1/1633.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1478	2	S1477 and ((DETACH$4) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1479	8,079	g06f1/1656.cpc.	US-PGPUB;	OR	OFF	2020/08/17 10:21

			USPAT; USOCR			
S1480	16	S1479 and ((DETACH$4) near (handle$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:21
S1481	19	S1474 S1476 S1478 S1480	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:22
S1482	61	("4926365").PN. OR ("5293300").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:34
S1483	31	("4895231" | "4941841" | "5021922" | "5036313" | "5075926" | "5260884" | "5293300" | "5311455" | "5452179" | "5563767" | "5606519" | "5633782" | "5694290" | "5721668").PN. OR ("6017106").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:47
S1484	88	("1074133" | "3793674" | "4157736" | "4677832" | "D235480").PN. OR ("4895231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:53
S1485	37	S1484 and (handle$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 10:54
S1486	12	(("9930795") or ("20180049332") or ("20120075799") or ("20120257342") or ("9471096") or ("20060196235") or ("6017106") or ("5293300") or ("9408317") or ("8848366") or ("7948753") or ("8670233")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 11:00
S1487	29	("20060050471" | "20060077623" | "20090296335" | "20100118228" | "20110050590" | "20120044624" | "4951241" | "5235495" | "5293300" | "5375076" | "6016248" | "7206198" | "7576981" | "7612998" | "7660113" | "7898796" | "7916478" | "7948753" | "8111512" | "8400767" | "8508938" | "8649166" | "8670233" | "8749963" | "8879250" | "8922995" | "8964376" | "9010822").PN. OR ("9408317").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 11:19
S1488	732	((("CHEN") near3 ("Wei-Chang")) OR (("TSAO") near3 ("Jung-Wei")) OR (("CHENG") near3 ("Yun"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/17 11:37

S1489	2,423	361/679.57-679.59.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 11:40
S1490	1	("20180159087").PN.	US-PGPUB; USPAT	OR	OFF	2020/08/17 12:46
S1491	2	"20180159087"	US-PGPUB; USPAT	OR	OFF	2020/08/17 12:48
S1492	3	("20150264805" | "20170279071" | "6236446").PN. OR ("10326113").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 12:49
S1493	17,516	g06f1/1652,1633,1601,1656.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:02
S1494	6,237	g02b5/30,3025,20.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:03
S1495	1,281	g02b6/0056.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:04
S1496	9,116	h01l51/0097,0096,0032,0001,00.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:07
S1497	19	(("20190369667") or ("20190250441") or ("20190148668") or ("20170322444") or ("10095060") or ("20190294281") or ("20200209463") or ("20200124787") or ("10401560") or ("20180348555") or ("9841629") or ("20160154260") or ("20180284529") or ("20140368468") or ("9489095") or ("10359660") or ("20160209582") or ("20150364428") or ("20180284523")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:08
S1498	429	(("20190369667") or ("20190250441") or ("20190148668") or ("20170322444") or ("10095060") or ("20190294281") or ("20200209463") or ("20200124787") or ("10401560") or ("20180348555") or ("9841629") or ("20160154260") or ("20180284529") or ("20140368468") or ("9489095") or ("10359660") or ("20160209582") or ("20150364428") or ("20180284523") or ("9391029") or ("20180212550") or ("10412832") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:09

		("20190148320") or ("20190165217") or ("10483437") or ("20170184775") or ("20080074022") or ("20180284924") or ("20160259114") or ("10197719") or ("20100238098") or ("8044586") or ("20180284525") or ("10591762") or ("20130033736") or ("20130293801") or ("20190165309") or ("20150153612") or ("20200176518") or ("8506096") or ("10670903") or ("20180284515") or ("20180284513") or ("9459484") or ("20190285928") or ("9632362") or ("20160004107") or ("20160352031") or ("20190267569") or ("20200150495") or ("10401696") or ("20180345864") or ("20190351828") or ("10363875") or ("20150307027") or ("10661716") or ("20140340925") or ("20180031938") or ("20160257254") or ("20190339555") or ("20130107563") or ("20150219817") or ("20100118255") or ("20170120827") or ("10599244") or ("9878670") or ("7557451") or ("9545883") or ("10031371") or ("20150153611") or ("9073491") or ("20130321893") or ("10054807") or ("20180198089") or ("20200233457") or ("10649276") or ("20190179465") or ("8928852") or ("20170192308") or ("20190155102") or ("8727547") or ("10347864") or ("10029616") or ("20150229893") or ("8797627") or ("6795153") or ("20130077058") or ("20180147993") or ("9039193") or ("9341914") or ("9942978") or ("10186688") or ("20020154264") or ("20180114951") or ("20140049892") or ("10538202") or ("9090211") or ("20140285865") or ("20150355518") or ("7081940") or ("9268085") or ("20160210894") or ("20140307203") or ("20040263762") or ("20190033493") or ("10361395") or ("20190288238") or ("20180108863") or ("20070024796") or ("20200064881") or ("7864399") or ("10671123") or ("20110096387") or ("10499493") or ("20180199426") or ("7408613") or ("10658617") or ("20200249728") or ("20190361275") or ("10732347") or ("20190138057") or ("20190254178") or ("20180004330") or ("8335032") or ("20180239190") or ("10649272") or ("10379404") or ("20130235294")).PN. or ((("10345939") or ("8189163") or ("20080278671") or ("20180306968") or ("20170184901") or ("7847911") or ("20190288236") or ("20170261830") or ("9843017") or ("20190361285") or ("20110310078") or ("9383604") or ("20180356668") or ("8742526") or ("9638961") or ("20150329054") or				

		("20170068143") or ("20140340616") or ("20200145560") or ("20190171060") or ("20190171056") or ("20160056410") or ("10551698") or ("10191348") or ("10345672") or ("7710631") or ("20190302343") or ("9701248") or ("20060098289") or ("9111841") or ("20120229882") or ("10644074") or ("9036113") or ("20190204661") or ("20180348557") or ("20180226608") or ("10355240") or ("9056584") or ("20170373121") or ("20190013607") or ("9971195") or ("10036909") or ("20180031898") or ("20180097018") or ("20080180779") or ("20190250463") or ("7184190") or ("20150138494") or ("20200117037") or ("20160202525") or ("9411204") or ("7525715") or ("20190094624") or ("20140340621") or ("9500890") or ("10498060") or ("20180053888") or ("20150116621") or ("20180224701") or ("20160179259") or ("10466541") or ("9933872") or ("20190204976") or ("20180032192") or ("8520182") or ("10539827") or ("9588379") or ("20190289717") or ("10437372") or ("20110194063") or ("20200211929") or ("20150075705") or ("20090207514") or ("10268299") or ("10674606") or ("20150198826") or ("20200227512") or ("20130083268") or ("20100172008") or ("10312228") or ("9817271") or ("20150248039") or ("9950505") or ("20190285919") or ("20180210280") or ("9627466") or ("20190250447") or ("20160293688") or ("20190123125") or ("20060018128") or ("10451908") or ("9684199") or ("20180212169") or ("20180335869") or ("9696581") or ("10644095") or ("20190384079") or ("10203441") or ("20190252365") or ("10665583") or ("10539818") or ("20140022715") or ("20170269406") or ("7310177") or ("20190285926") or ("10073303") or ("9640779") or ("10409110") or ("20070153356") or ("7255451") or ("20160343983") or ("20070279752") or ("20200077508") or ("9557606") or ("20050195488") or ("20190265824") or ("20170102590") or ("7391563") or ("10527877") or ("20180101200") or ("20190041700") or ("20160259108") or ("20190137832") or ("20190155088") or ("20160259113") or ("20130271820") or ("20200084890") or ("20190018275")).PN. or (("20100053536") or ("20170192461") or ("10168577") or ("20190391317") or ("10198041") or ("20160274390") or ("9703148") or ("10707430") or ("10234715") or ("10437287") or ("20190369445") or ("8426959") or ("20190101780") or ("9911944")				

		or ("20080225396") or ("20170186996") or ("10481709") or ("7542193") or ("20130286337") or ("8830417") or ("20110042797") or ("20180143499") or ("20180143487") or ("20150146152") or ("8277059") or ("20160118370") or ("20180026231") or ("20150380679") or ("20190113780") or ("20150070604") or ("10488723") or ("9437838") or ("20090237820") or ("9941261") or ("20200042043") or ("20150207099") or ("20120092582") or ("20130344768") or ("7553050") or ("7826123") or ("20170199322") or ("9806286") or ("8779430") or ("20180035542") or ("20140368782") or ("20170285422") or ("20130048999") or ("20090109532") or ("20140293187") or ("10624212") or ("20190342997") or ("10162093") or ("20170293065") or ("9389447") or ("20190350081") or ("20130203219") or ("7859736") or ("20190025498") or ("9618793") or ("20180120968") or ("20180017826") or ("10061077") or ("10641442") or ("10405428") or ("20170212385") or ("20140078444") or ("20110019260") or ("8654304") or ("20200159285") or ("20140293206") or ("20190346619") or ("9372366") or ("20130208018") or ("8709879") or ("8582282") or ("20070223232") or ("20140125903") or ("10408994") or ("20120062815") or ("8897035") or ("20150049424") or ("8508687") or ("9128331") or ("20170315291") or ("20200183450") or ("20190063694") or ("7544897") or ("20200014415") or ("9810951") or ("20150331265") or ("10620366") or ("20200192019") or ("20200183244") or ("20150060931") or ("10379417") or ("10324334") or ("20180239209") or ("8796056") or ("10739514") or ("20200091456") or ("20170357113") or ("20160266423") or ("20140087503") or ("9362333") or ("20200033652") or ("20180335667") or ("20190278116") or ("10439551") or ("10394069") or ("8746952") or ("10103303") or ("20130027977") or ("20200174179") or ("20180132371") or ("6954243") or ("20190086744") or ("20190310518") or ("9349969") or ("10393949") or ("20200194879") or ("20120176761") or ("20180035540") or ("8851695") or ("20160259200") or ("10034374") or ("20180059314") or ("20020191131") or ("20090218743")).PN. or (("20190339556") or ("20150321442") or ("8451399") or ("20110234940") or ("20200159051") or				

		("20150357387") or ("20140217382") or ("20190036052") or ("20180063942") or ("20190278411") or ("20190354140") or ("20140002975") or ("10244622") or ("6580226") or ("20190361281") or ("20050073258") or ("20140176850") or ("10459489") or ("10338423") or ("20140211144") or ("20170358781") or ("20160187726") or ("9851495") or ("9851592") or ("20190357357") or ("10712619") or ("10353500") or ("20120300491") or ("20140319550") or ("9899626") or ("20200187369") or ("20180138326") or ("20170188463") or ("20120126356") or ("20150131040") or ("10656324") or ("20190018274") or ("20080110795") or ("9030640") or ("20170371461") or ("9488878") or ("10686161") or ("20190244811") or ("10566405") or ("9859471")).PN.				
S1499	0	("2018/0284529").URPN.	USPAT	OR	OFF	2020/08/17 13:16
S1500	1	"20180284529"	USPAT	OR	OFF	2020/08/17 13:17
S1501	0	("20110025940" | "20130271710").PN.	USPAT	OR	OFF	2020/08/17 13:17
S1502	2	("20110025940" | "20130271710").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:17
S1503	4	("20110025940" | "20120320329" | "20130271710" | "20160202547").PN. OR ("10359660").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:19
S1504	428	S1498 and (display or (display near (panel or device)))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:27
S1505	46	S1504 and ((linear or straight) near (portion or section or side))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:28
S1506	16	S1505 and ((curv$3) near (portion or section or side))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:29

S1507	15	S1506 and width$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:29
S1508	3,885,009	(display or (display near (panel or device)))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:36
S1509	32,804	S1508 and ((linear or straight) near (portion or section or side))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:38
S1510	4,986	S1509 and ((curved) near (portion or section or side))	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:39
S1511	297	S1510 AND ((first and second) near substrate$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:41
S1512	250	S1511 and width$1	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:43
S1513	46	S1511 and ((FIRST AND SECOND) NEAR width$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 13:43
S1514	53	((("YUG") near3 ("Geun") near3 ("Woo")) OR (("KANG") near3 ("Ku") near3 ("Hyun"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/17 13:59
S1515	2	"20150268697"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:04
S1516	4	("20150049428" | "20150268697" | "20150378397" | "9321679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:05
S1517	2	("8194399" | "20130034685").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:10

S1518	18	("20100033818" | "20070097014" | "20110241998" | "8194399" | "8873225" | "20060223398" | "8039102" | "20130308076" | "6016176" | "20070091232" | "6577496" | "20040096708" | "20100201603" | "20120014054" | "20120262870" | "20110291923" | "6377324" | "20120192466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:11
S1519	19	S1517 S1518	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:12
S1520	68	((("AHN") near3 ("Sung-Ho")) OR (("WOO") near3 ("Sung-Gwan")) OR (("KWAK") near3 ("Ki-Ju"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/17 14:19
S1521	313	(("20200133345") or ("20180364759") or ("10545537") or ("20170047351") or ("20200210039") or ("10599321") or ("20200052231") or ("20200135099") or ("9664938") or ("20150116609") or ("10559252") or ("20190244563") or ("20200243806") or ("20190165332") or ("20200243805") or ("20190259976") or ("10658627") or ("20160029502") or ("20180049339") or ("9807898") or ("20190369667") or ("20190143638") or ("20170373281") or ("9865844") or ("10732445") or ("20190101784") or ("20200260603") or ("20180160552") or ("20140362326") or ("9285617") or ("9864409") or ("20150310776") or ("20150138484") or ("10431754") or ("9442316") or ("20180062093") or ("20160037657") or ("10559489") or ("9830840") or ("20170263492") or ("20100202077") or ("20150009613") or ("20200152501") or ("9141143") or ("20190248692") or ("8451554") or ("20020027636") or ("20020018161") or ("20180108851") or ("10340468") or ("7679816") or ("20120262660") or ("6452653") or ("20090015905") or ("20170155087") or ("20200029423") or ("9843017") or ("10135024") or ("10462896") or ("20130016308") or ("20170038641") or ("10645802") or ("20160157372") or ("20200253035") or ("10185363") or ("10627866") or ("20190138060") or ("20120026150") or ("9796151") or ("10591763") or ("20130004700") or ("20180151539") or ("20160183399") or ("20190187508") or ("20190273212") or ("10476013") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:25

		("20150200375") or ("10254574") or ("9295168") or ("10622334") or ("20130021572") or ("20190304951") or ("20180158893") or ("20200243482") or ("20190107866") or ("20180088736") or ("20140055924") or ("20050036335") or ("20190036048") or ("20170213872") or ("20200124910") or ("20200143999") or ("7165875") or ("20180158885") or ("10367043") or ("20200119302") or ("10551969") or ("20200174305") or ("20190348481") or ("20170271431") or ("10332859") or ("9876059") or ("10359810") or ("20160027851") or ("20190339743") or ("20190074478") or ("5739888") or ("20080055831") or ("10340477") or ("10529947") or ("10642314") or ("20190204872") or ("10522302") or ("10725498") or ("20200257337") or ("20170033311") or ("20160056410") or ("10429895") or ("20160254500") or ("7787097") or ("9854629") or ("20190343010") or ("10622426") or ("20020167626") or ("10437086") or ("9865665") or ("20180130861")).PN. or (("20200106032") or ("20190341442") or ("20160044751") or ("20200083300") or ("20150205092") or ("20200043381") or ("6853410") or ("20200243626") or ("9372338") or ("20150317015") or ("20200234616") or ("20180212169") or ("10121988") or ("10516007") or ("10416721") or ("9229481") or ("10719284") or ("20150177789") or ("20180342561") or ("10032833") or ("9911933") or ("6243150") or ("20160336380") or ("9952626") or ("5739880") or ("20170162821") or ("20150228704") or ("20160014881") or ("20180231823") or ("20170237024") or ("9406725") or ("20090290117") or ("20140014960") or ("20150311266") or ("9614022") or ("20120133690") or ("20010019377") or ("9082678") or ("20160187930") or ("20170012235") or ("20120099060") or ("20160062412") or ("8026996") or ("20060202618") or ("20130027652") or ("20190252472") or ("20040212756") or ("10515570") or ("20200043383") or ("20190259310") or ("20190248240") or ("20150268697") or ("10497761") or ("10691175") or ("20100238098") or ("8049859") or ("6788894") or ("20170277226") or ("10509440") or ("20080055235") or ("9645613") or ("20190384363") or ("7154571") or ("10453710") or ("20190237532") or ("20140118902") or ("10222534") or ("20060164567") or				

		("20190363290") or ("10686028") or ("10470318") or ("9111841") or ("20170336552") or ("20070146309") or ("10424632") or ("7027111") or ("20110102880") or ("20120002268") or ("8736951") or ("8149499") or ("20080212271") or ("7660033") or ("20090185260") or ("20140319550") or ("8767283") or ("7551345") or ("20170139442") or ("20100182288") or ("20100097688") or ("8009422") or ("20170154947") or ("10481638") or ("20170079150") or ("10437053") or ("20120127378") or ("7894124") or ("20200233455") or ("20120127377") or ("8576555") or ("8009421") or ("20160179257") or ("10485119") or ("20110273826") or ("10217768") or ("20170263649") or ("20130194656") or ("10510980") or ("20090185100") or ("20200051881") or ("20030131513") or ("20190179470") or ("20180331319") or ("20170242506") or ("10553829") or ("20180308908") or ("20170082854") or ("20180061909") or ("6741299") or ("6295103") or ("10434847") or ("20170217290") or ("20200161590") or ("20160132281") or ("20190102136") or ("20150034977") or ("20200136082") or ("20160307973") or ("20200006683")).PN. or (("20130050126") or ("9398706") or ("20190036069") or ("20190150332") or ("20170062756") or ("20190181389") or ("20190008014") or ("20190212781") or ("20140104202") or ("9755167") or ("9780160") or ("20200117241") or ("9627635") or ("8878803") or ("8866986") or ("10687448") or ("20160037608") or ("20150292716") or ("20160103649") or ("20200055378") or ("20170148866") or ("10199600") or ("20150201487") or ("20180196629") or ("10586944") or ("10698240") or ("20030137630") or ("10133531") or ("9564473") or ("10050090") or ("10686163") or ("20180034001") or ("20110056105") or ("20190094641") or ("10096792") or ("10159135") or ("20160324018") or ("20170092230") or ("20060125974") or ("7142266") or ("9858028") or ("10592193") or ("20160019019") or ("20110221994") or ("20160035797") or ("20200099002") or ("20130194513") or ("8341861") or ("10249690") or ("7054053") or ("20170278899") or ("10516118") or ("20010010569") or ("20190214435") or ("8363304") or ("10605961") or ("10212865") or ("10347700")).PN.				

S1522	3	(("20200133345") or ("20180364759") or ("10545537")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:26
S1523	34,903	G06F1/1652,1616,16,1601,1626.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:29
S1524	3,466	361/679.21-679.3, "679.55", "679".S1506.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:29
S1525	7,824	361/679.21-679.3,679.55,679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:29
S1526	4	(("20200133345") or ("20180364759") or ("10545537") or ("20190165332")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:32
S1527	391	(("20200133345") or ("20180364759") or ("10545537") or ("20190165332") or ("20190101784") or ("10732445") or ("20150009613") or ("9141143") or ("20170038641") or ("20170047351") or ("20200210039") or ("10599321") or ("20200052231") or ("20190143638") or ("20100202077") or ("20200209925") or ("8451554") or ("20170263492") or ("10559489") or ("20200119302") or ("20200152501") or ("20180160552") or ("20160029502") or ("20180049339") or ("20180074553") or ("9807898") or ("10613586") or ("20190248692") or ("20170373281") or ("20170139442") or ("20200260603") or ("9865844") or ("10481638") or ("20200124910") or ("20070115269") or ("20190036069") or ("20160157372") or ("20170033311") or ("10627866") or ("20190036048") or ("10185363") or ("20170062756") or ("10529947") or ("20190243488") or ("20190138060") or ("20200117241") or ("10586944") or ("10514809") or ("10510980") or ("10096792") or ("20200029423") or ("10462896") or ("20160307973") or ("20170079150") or ("10645802") or ("10485119") or ("20200253035") or ("20180301664") or ("20190273212") or ("20180088736") or ("20190011605") or ("20170271431") or ("20190319213") or ("10359810") or ("10476013") or ("20190339743") or ("20170202094") or ("20150268697") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/17 14:33

		("20190341442") or ("20150310776") or ("10719284") or ("9864409") or ("9854629") or ("10642314") or ("10551969") or ("20160044751") or ("20150321442") or ("20200257337") or ("9645613") or ("20170042046") or ("20140002975") or ("10201089") or ("20170184775") or ("10492310") or ("9843017") or ("20150228704") or ("20150378391") or ("20200203672") or ("20200136069") or ("9848494") or ("20060202618") or ("20140002973") or ("20170034918") or ("20190107866") or ("9614022") or ("20180364846") or ("20180054897") or ("20190214435") or ("20200229313") or ("8026996") or ("20170278899") or ("10347700") or ("9439315") or ("20160179257") or ("10197719") or ("10453710") or ("20180068609") or ("9229481") or ("9952626") or ("20150177789") or ("20200043381") or ("20160037657") or ("20200259119") or ("20190369667") or ("9830840") or ("20160187930") or ("20170222179") or ("10199600") or ("20200243806") or ("20200135099") or ("20150261254") or ("9594402") or ("10664020") or ("20190244563") or ("20150103474") or ("20190150332")).PN. or (("20190319075") or ("20160313769") or ("20200243805") or ("20150200375") or ("10559252") or ("20200185643") or ("10725498") or ("10289158") or ("20200143999") or ("20200145624") or ("20180151539") or ("20190259976") or ("20170265340") or ("9572267") or ("20170363803") or ("10534213") or ("20190343010") or ("20170177025") or ("20200117041") or ("20200119291") or ("10687448") or ("20160056410") or ("20090185100") or ("10121989") or ("10367043") or ("10658627") or ("20180352664") or ("20170155087") or ("10212865") or ("9807875") or ("20180158885") or ("20160073519") or ("20170012235") or ("10135024") or ("9876059") or ("20190348481") or ("20200006683") or ("20190304951") or ("20160027851") or ("10631378") or ("20020018161") or ("20200159285") or ("20150173212") or ("20200243482") or ("20190265751") or ("20140293573") or ("10522302") or ("10600341") or ("20200099002") or ("20170092230") or ("9796151") or ("9798359") or ("20150147532") or ("9766659") or ("20160109852") or ("20160254500") or ("9097930") or ("20160132281") or ("20130004700") or ("20180013080") or ("10230062") or				

		("20160183399") or ("10516118") or ("20160343781") or ("20190130796") or ("20190296259") or ("20180329367") or ("6452653") or ("20190198586") or ("20160361913") or ("20140285953") or ("20140118902") or ("20180151845") or ("10295818") or ("20120262660") or ("20150151531") or ("20150241925") or ("5739880") or ("9770894") or ("9427949") or ("20190293921") or ("10423196") or ("20180212169") or ("10622334") or ("20190278411") or ("10658433") or ("20180062093") or ("20200234616") or ("10431754") or ("9431618") or ("10362696") or ("20150048349") or ("20190181389") or ("20190377447") or ("20170235341") or ("9250656") or ("10289163") or ("20200229312") or ("20180295735") or ("10120415") or ("20170309843") or ("20190361286") or ("20190109157") or ("10411038") or ("20190346887") or ("20160202728") or ("20190019450") or ("20100238098") or ("20200052242") or ("20200245485") or ("9557606") or ("10686163") or ("10673013") or ("20190204872") or ("20100201603") or ("10454047") or ("20190188445") or ("9295168") or ("10332859") or ("20190369671") or ("20160014881") or ("20150179717") or ("20180034001") or ("9356246") or ("10416721") or ("20060065436")).PN. or (("20150292716") or ("20140055924") or ("10429895") or ("10620668") or ("20190025887") or ("20160284490") or ("20190259310") or ("20080239455") or ("9755167") or ("9627635") or ("8659503") or ("10115540") or ("10531054") or ("9768198") or ("20180359454") or ("20160268315") or ("7742220") or ("20050036335") or ("20180143669") or ("10515570") or ("10504971") or ("20170364123") or ("20140104762") or ("20150049281") or ("20200105853") or ("20160295176") or ("20180375043") or ("20170278900") or ("20200161590") or ("20160037608") or ("20190008014") or ("10057550") or ("20200106032") or ("9664938") or ("7165875") or ("20200125203") or ("20170324058") or ("10592025") or ("20180059844") or ("9480174") or ("20200033914") or ("9690329") or ("20150382484") or ("20190317621") or ("20200083300") or ("20180076415") or ("10032833") or ("20150116609") or ("20170273199") or ("10437086") or ("20180159067") or ("20190081271") or				

		("20200057471") or ("20190237532") or ("9911942") or ("10470318") or ("10216229") or ("10181576") or ("10390448") or ("20180342561") or ("10355237") or ("10680191") or ("10516007") or ("20170149940") or ("20200194724") or ("20160336380") or ("9406725") or ("10164209") or ("20180375044") or ("20010019377") or ("10686028") or ("20200135063") or ("20150311266") or ("20200098830") or ("20140014960") or ("20150201487") or ("20170179423") or ("10120410") or ("20200196496") or ("20160081204") or ("20170199548") or ("20110255144") or ("20200192431") or ("9818974") or ("20040212756") or ("20160370620") or ("10159135") or ("20010010569") or ("20190354140") or ("9459498") or ("20150146152") or ("8345347") or ("10698240") or ("20160223722") or ("20180231823") or ("20160048171") or ("20200045826") or ("10629857") or ("9082678") or ("20190212781") or ("20180088631") or ("20150049428") or ("20190094641") or ("9952469") or ("20190348641") or ("10454067") or ("20190037694") or ("20190148672") or ("20200035950") or ("20150090969") or ("20170155084") or ("20180247990") or ("10304919") or ("20170271421") or ("20160095205") or ("10251291") or ("20190014671") or ("10631408") or ("9997576") or ("20130342429") or ("9189027") or ("20170177160") or ("10496134") or ("20200026116") or ("20060164567") or ("7368803") or ("9429999")).PN. or (("20190384363") or ("10691175") or ("9209420") or ("20140118269") or ("20190179470") or ("20110063712") or ("7154571") or ("7663794") or ("20170033126") or ("20200203674") or ("10108036") or ("20150108439")).PN.				
S1532	3	((("VANECEK") near3 ("Russell"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/31 11:07
S1533	10,221	g06f1/163,1633.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:08

S1534	7,578	361/679.01-679.03.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:08
S1535	663	(("10558240") or ("20180284838") or ("20200174518") or ("20070068272") or ("8378924") or ("20090299230") or ("20080291277") or ("20160211879") or ("9647714") or ("20190215025") or ("10153800") or ("10601458") or ("10352498") or ("20060177086") or ("20060273606") or ("7588279") or ("20180281718") or ("20170013950") or ("10442246") or ("20200180142") or ("10398587") or ("20190014403") or ("9503555") or ("10484777") or ("20180125700") or ("20190336320") or ("20160036480") or ("9300346") or ("20110089207") or ("20180116572") or ("20190032842") or ("20170373713") or ("10100968") or ("10458593") or ("20180116570") or ("8260384") or ("4620064") or ("20060131468") or ("20200259517") or ("20080054039") or ("20160277824") or ("10361741") or ("20170170863") or ("20170040825") or ("20150027912") or ("10152082") or ("9450634") or ("9917468") or ("20160191101") or ("9606654") or ("20110090135") or ("20160320871") or ("9883275") or ("20190349018") or ("20050064918") or ("20070060209") or ("7155265") or ("7634082") or ("8887902") or ("20170035170") or ("20090016559") or ("20180116383") or ("20140155819") or ("20140227026") or ("20160352385") or ("9423671") or ("9548785") or ("20180077478") or ("20160254837") or ("20180014110") or ("20030003969") or ("10382855") or ("20040174031") or ("9888313") or ("20090318198") or ("20170311067") or ("10698488") or ("20180284896") or ("20110031287") or ("9217868") or ("9807493") or ("20170085283") or ("9900041") or ("20180153627") or ("7920902") or ("20200155136") or ("9267638") or ("20160173160") or ("10743948") or ("20130134291") or ("8382059") or ("8960634") or ("20120199501") or ("20150133193") or ("9651992") or ("9748998") or ("6976721") or ("20150163936") or ("9538675") or ("7513019") or ("20180255848") or ("7658739") or ("8915361") or ("6840796") or ("20140217862") or ("20070133836") or ("20080005875") or ("20160363258") or ("9317076") or ("10548380") or ("20070078461") or ("20040248461") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:10

		("9867571") or ("9362971") or ("20060082178") or ("20080169998") or ("20080143954") or ("20150227178") or ("20110009905") or ("20160080022") or ("7810750") or ("20190160310") or ("9229494") or ("9335790") or ("20070156225") or ("20110051982") or ("8016828") or ("20170202724") or ("7150483")).PN. or (("20170165567") or ("20190159579") or ("8540363") or ("20190247128") or ("20190089822") or ("20180092253") or ("20140078462") or ("10302951") or ("20190374798") or ("20140028243") or ("9980412") or ("10469640") or ("20150160693") or ("20090165184") or ("20150234189") or ("20170031236") or ("20180120891") or ("8564950") or ("9274340") or ("20170227793") or ("20160367189") or ("20150289575") or ("20170310862") or ("8408513") or ("9176325") or ("20160377891") or ("9465414") or ("20160022016") or ("9606375") or ("20170255019") or ("8028350") or ("20100171021") or ("20170231345") or ("10466510") or ("20190038224") or ("10037052") or ("20180229070") or ("10668316") or ("7707674") or ("20150042877") or ("20140146441") or ("20160139666") or ("10447905") or ("20150234192") or ("10317940") or ("10080419") or ("20130258573") or ("9661200") or ("20190064523") or ("9770082") or ("10076605") or ("20080155769") or ("20170119314") or ("20120099737") or ("7558057") or ("20170212552") or ("20160184512") or ("20170083085") or ("20040255410") or ("9904358") or ("9652037") or ("5881601") or ("20150301559") or ("20190291864") or ("20190200925") or ("20040147928") or ("10732711") or ("10452144") or ("10222859") or ("20190163269") or ("20120228906") or ("20180272059") or ("20180152215") or ("20180289123") or ("8926216") or ("20150183475") or ("20200081259") or ("20150234501") or ("20060113338") or ("10632249") or ("20180227471") or ("20150077367") or ("10219598") or ("10182639") or ("9282179") or ("9298262") or ("20150358450") or ("10409327") or ("9242688") or ("8915409") or ("9696553") or ("9126237") or ("20180206619") or ("20170242477") or ("20130077226") or ("20180078206") or ("20130326829") or ("20200201431") or ("20160334628") or ("9983624") or ("20150289615") or ("10173099") or ("9823705") or ("20200019243") or ("20200223055") or ("8708140") or ("9599824") or				

		("9507386") or ("20130049672") or ("10559178") or ("10044920") or ("20190123429") or ("20180343024") or ("20160320809") or ("20170045917") or ("10503211") or ("10159159") or ("20180348863") or ("10424832") or ("20160154426") or ("7363673") or ("20180296875") or ("20150234193") or ("20120167349") or ("20160236741") or ("20160253006") or ("5324086") or ("20180000543")).PN. or (("20180091716") or ("20140034521") or ("20170036063") or ("20150201723") or ("20190014247") or ("8548541") or ("20170027735") or ("20180246542") or ("10602044") or ("20140090209") or ("10093372") or ("20190221093") or ("20190391612") or ("10149726") or ("8201704") or ("20190070062") or ("20040252103") or ("20160014243") or ("20180198896") or ("20170281416") or ("20160162029") or ("20050218142") or ("6312398") or ("20190274910") or ("20200253784") or ("9372535") or ("20170075388") or ("10278881") or ("20100198034") or ("9944233") or ("20180022285") or ("9680515") or ("10449413") or ("20160147254") or ("20120297522") or ("20120071752") or ("20110180076") or ("20180184735") or ("20170059088") or ("20130285886") or ("20140013480") or ("20190116247") or ("9239623") or ("9417660") or ("20160013826") or ("20160317060") or ("9252914") or ("10470671") or ("20130303075") or ("20140016800") or ("20190039669") or ("20120209190") or ("20130025968") or ("20190389397") or ("20150282711") or ("20200192432") or ("20180024622") or ("20160023778") or ("10632932") or ("20100310107") or ("20150077366") or ("20140070957") or ("20120302406") or ("20130201021") or ("9663244") or ("20170214126") or ("10542128") or ("9031273") or ("20160016674") or ("9634707") or ("10246155") or ("20110012346") or ("20110012344") or ("8737666") or ("20190053719") or ("20130088828") or ("10556708") or ("20100054855") or ("7114629") or ("20160013828") or ("20150341071") or ("9663245") or ("10179658") or ("20190113774") or ("20070194585") or ("20150351674") or ("20100312062") or ("8491446") or ("20190144133") or ("20190185090") or ("20190187750") or ("20180275715") or ("20160107309") or ("20120209207") or				

		("20170214786") or ("20170127746") or ("9282893") or ("20130092576") or ("8526180") or ("20150370150") or ("20190187834") or ("20180203239") or ("8361109") or ("20200214625") or ("20170259938") or ("20200163726") or ("20140334083") or ("20180140502") or ("8570737") or ("20110184325") or ("9799187") or ("20190187833") or ("10678334") or ("10625800") or ("20120191107") or ("7963774") or ("10390974") or ("20100267250") or ("20130088130") or ("10215990") or ("20120209204") or ("9454066") or ("10678391") or ("8434735") or ("20190105110") or ("8469407")).PN. or (("20200262581") or ("8905937") or ("10599101") or ("9622513") or ("20160378070") or ("20110011475") or ("20090145901") or ("20160378071") or ("20100217132") or ("8342325") or ("20080156666") or ("20150018739") or ("20070224865") or ("20150362824") or ("9585584") or ("8864695") or ("9088848") or ("20200263396") or ("20160378069") or ("20120211382") or ("20200121485") or ("20120209189") or ("10485283") or ("20100019107") or ("20160113535") or ("20170318928") or ("20190273396") or ("20150076183") or ("20150153544") or ("20090157103") or ("5983403") or ("20170065019") or ("9526306") or ("20160058375") or ("20130079670") or ("20120071821") or ("20150351458") or ("8708142") or ("10727685") or ("10283081") or ("20100249700") or ("10459495") or ("20150190071") or ("20200233380") or ("20130043777") or ("20190187751") or ("20120253251") or ("9405172") or ("9232129") or ("8531824") or ("9799301") or ("9918892") or ("6285757") or ("20120118773") or ("10052034") or ("8181918") or ("20130188312") or ("20150142013") or ("8783457") or ("8393466") or ("8974349") or ("20190187835") or ("9883732") or ("10579135") or ("20130305539") or ("20190098392") or ("20130001263") or ("9107299") or ("20150002950") or ("8613366") or ("10015577") or ("20190216664") or ("10613485") or ("10466812") or ("8303574") or ("20130106603") or ("8887645") or ("20170251933") or ("20140027317") or ("9549598") or ("9186098") or ("8973753") or ("8336853") or ("20160239046") or ("10620591") or ("9210991") or ("8783456") or ("10299554") or ("20190274912") or ("10338638") or ("9793941") or ("20150245691") or ("20060145663") or ("20180078183") or				

		("20150341067") or ("20140016217") or ("10478099") or ("9205569") or ("20190247696") or ("20160066460") or ("9247661") or ("10627783") or ("9380723") or ("20150245699") or ("8337474") or ("20160057879") or ("9586318") or ("9089056") or ("20130079668") or ("20090157102") or ("20140323271") or ("8491215") or ("9314306") or ("20100168864") or ("20180108322") or ("20140299642") or ("20170086535") or ("10607507") or ("9513665") or ("20110270039") or ("10391631") or ("9955762") or ("20160104451") or ("20180214161") or ("7841502") or ("20080054116") or ("10555780") or ("20160318195") or ("9989997") or ("20140217863")).PN. or (("20180363846") or ("20170127810") or ("10143295") or ("20150090748") or ("10028559") or ("20150094541") or ("RE43407") or ("20080102675") or ("8893947") or ("9597114") or ("20160270997") or ("20150122854") or ("20110288522") or ("20080004636") or ("20180125213") or ("10130427") or ("20190392779") or ("20110066164") or ("10488742") or ("20190038225") or ("20130079671") or ("20150185762") or ("20200046213") or ("20200134275") or ("20060161115") or ("10463120") or ("20170182242") or ("9923590") or ("20180206607") or ("20160370690") or ("5322334") or ("9545146") or ("9439314") or ("10343294") or ("20150281525") or ("20170060179") or ("10244298") or ("9138369") or ("20120209185") or ("9733668") or ("7374123") or ("9179562") or ("20190254915") or ("20180217382") or ("10537486") or ("20160044232") or ("20120045082") or ("20090171159") or ("9784515") or ("20030173817") or ("20090073084") or ("20180042513") or ("20170153672") or ("5224076") or ("10389014") or ("20190307254") or ("20060061555") or ("20150005578") or ("20040222335") or ("20190380904") or ("7667962") or ("20150381786") or ("20170086551") or ("10201678") or ("9948340") or ("20110232619") or ("20080105779") or ("20150011979") or ("20200114532") or ("20150365757") or ("20190000354") or ("10716377") or ("9185197") or ("20160054080") or ("20180217798") or ("20170224958") or ("9674417") or ("20100072334") or ("10627861") or ("20100179655") or ("10684654") or ("10537488") or ("7775801") or ("20160266606") or ("20190008720") or ("9116617") or ("9482882") or				

		("10636260") or ("20130253539") or ("20160088382") or ("20190223569") or ("20090211849") or ("20140254142") or ("8313497") or ("20040183632") or ("6877168") or ("9530295") or ("10655656") or ("20130110264") or ("8820602") or ("20150173993") or ("20050066418") or ("20170150023") or ("20180014105") or ("20180375981") or ("9427158") or ("20150145673") or ("20200085658") or ("20190024683") or ("20190076159") or ("20180307268") or ("8644010") or ("9050068") or ("9836083") or ("20060264848") or ("20050215865") or ("20170049659") or ("20190216671") or ("20170027511") or ("20190008227") or ("20160066459") or ("20070163028") or ("5282460") or ("20140135934") or ("9283307") or ("10194229") or ("20130210503") or ("10075785")).PN. or (("9186494") or ("8480574") or ("20200260849") or ("7469428") or ("20160220438") or ("20160003270") or ("9119458") or ("8955745") or ("9723391") or ("8082988") or ("8695834") or ("8679097") or ("20080144854") or ("20140142706") or ("9351900") or ("20070248238") or ("9122082") or ("9681840") or ("20120220234") or ("10335083") or ("7126446") or ("9952662")).PN.				
S1536	533	(("10624221") or ("20110005057") or ("8995125") or ("10067537") or ("20140043744") or ("20150169007") or ("20180237214") or ("10294016") or ("9469469") or ("20140152890") or ("20160198824") or ("10005611") or ("5847938") or ("10548380") or ("20170035170") or ("10753558") or ("20180117296") or ("20130294020") or ("9615476") or ("9559741") or ("20120314354") or ("8995126") or ("8531834") or ("20130027862") or ("9300344") or ("20150171913") or ("20140233167") or ("8915361") or ("20140217862") or ("20150201723") or ("20180355653") or ("9276626") or ("20130334072") or ("10654344") or ("20180337704") or ("10396843") or ("20160099741") or ("9660684") or ("9229486") or ("20110255250") or ("20140254078") or ("10090877") or ("20110255850") or ("20170237460") or ("8687359") or ("8341832") or ("20160353616") or ("8971026") or ("20150243937") or ("20140016257") or ("10108223") or ("6453747") or ("9095044") or ("20100091442") or ("20150153769") or ("20190064877") or ("6553794") or ("20140218850") or ("10152081") or ("9166382") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:12

		("20030101778") or ("20120030930") or ("20190069726") or ("20140168877") or ("6588241") or ("20160079722") or ("20080037771") or ("20140126118") or ("20160259366") or ("10437282") or ("5502989") or ("8730656") or ("10474189") or ("20080037765") or ("20100271763") or ("7834853") or ("7991147") or ("20080037770") or ("8973879") or ("20040007074") or ("6742395") or ("20040007075") or ("20040007073") or ("6672170") or ("6715357") or ("6782758") or ("20200033912") or ("7620175") or ("6763724") or ("7778043") or ("20190049080") or ("20180296307") or ("20020061736") or ("6891276") or ("10696235") or ("20020014162") or ("9867951") or ("20120120562") or ("9730340") or ("20200269765") or ("10076340") or ("20150182230") or ("20150283332") or ("9869423") or ("20170085283") or ("20200099168") or ("20160102805") or ("5349502") or ("7353003") or ("20080144302") or ("9317076") or ("9900041") or ("6155088") or ("20080037769") or ("20160116947") or ("20180360464") or ("20060168746") or ("7100404") or ("20060258226") or ("9964266") or ("6989295") or ("10125921") or ("10420407") or ("9229494") or ("6716670") or ("20180094769") or ("8619067") or ("20150227178") or ("20050139617") or ("20140028243") or ("20190029380")).PN. or (("9450634") or ("20150305175") or ("9313906") or ("20050150263") or ("20200077759") or ("20160191101") or ("7143614") or ("5712766") or ("20100133966") or ("7527178") or ("20050150262") or ("5045971") or ("20170303654") or ("20160058145") or ("9498034") or ("9700114") or ("20080019502") or ("20170065044") or ("10070707") or ("20150300549") or ("7201029") or ("6112562") or ("8888727") or ("7121125") or ("20070056337") or ("5493878") or ("20100261137") or ("7009309") or ("20060288745") or ("10118560") or ("20160200257") or ("20040229508") or ("20070220931") or ("20020148359") or ("20140274544") or ("20040206138") or ("7842890") or ("6393971") or ("6000252") or ("20180309223") or ("6782802") or ("20190135188") or ("9548785") or ("20190038078") or ("9185953") or ("7190060") or ("20160254837") or ("10340621") or ("20030117030") or ("20140360893") or ("5482384") or ("6000251") or ("6661140") or ("6908794") or ("20020017202") or				

		("20140302961") or ("5575690") or ("7111479") or ("20160040816") or ("20140063716") or ("9103427") or ("9157515") or ("20130178305") or ("20170325984") or ("20200116250") or ("7100403") or ("10646368") or ("6989584") or ("20160235578") or ("9979125") or ("9668907") or ("20160248193") or ("20160235572") or ("20150167813") or ("9024195") or ("20090078626") or ("8147691") or ("20030107278") or ("20100261134") or ("6659574") or ("20140027173") or ("8641649") or ("10408395") or ("8894445") or ("6987034") or ("20170265607") or ("9677656") or ("20070051653") or ("9839548") or ("9227035") or ("20060035492") or ("6774659") or ("5622017") or ("6570284") or ("20080127450") or ("10219591") or ("20130260615") or ("20150072303") or ("7153145") or ("9517157") or ("9480767") or ("20100330527") or ("6720689") or ("5898789") or ("8808209") or ("8602822") or ("20140332003") or ("6744126") or ("20200223588") or ("4602826") or ("20130084746") or ("20070203439") or ("20150305916") or ("20010013234") or ("20170229808") or ("20160235573") or ("10010389") or ("20130168423") or ("20020017119") or ("20190297741") or ("9819120") or ("7581362") or ("20170231796") or ("20200161794") or ("20070019351") or ("20200129899") or ("9016531") or ("10289163") or ("9839549") or ("6945817") or ("5375040") or ("20150141944") or ("7395634")).PN. or (("10710499") or ("9744065") or ("10016254") or ("20200108338") or ("8141202") or ("20180148928") or ("4603827") or ("20060265980") or ("20200038790") or ("20040200298") or ("5469982") or ("7182221") or ("20060237985") or ("20070212283") or ("9486552") or ("20080049949") or ("20150088046") or ("20040187400") or ("7296839") or ("7608228") or ("20100068925") or ("9883964") or ("20040032470") or ("6299479") or ("8053669") or ("9210242") or ("6152754") or ("9843127") or ("20150173850") or ("20050072802") or ("6830323") or ("20150110320") or ("20170235341") or ("7658205") or ("7780467") or ("9398365") or ("20160294106") or ("20190249427") or ("8797721") or ("7243769") or ("5933330") or ("6735990") or ("20170013738") or ("9472917") or ("20070021236") or ("20180123289") or ("7052287") or ("7431662") or ("10267039") or ("20050051457") or ("9011105") or ("20170072275") or ("20180099188") or				

		("20130251573") or ("20150088044") or ("9839550") or ("20140332002") or ("20190154470") or ("20160044800") or ("8012424") or ("20200129897") or ("20050120641") or ("7477129") or ("20110188180") or ("20070212278") or ("20150140868") or ("20060260699") or ("9496665") or ("9504889") or ("6948977") or ("20190217229") or ("8289123") or ("20110019983") or ("20100266980") or ("20100267277") or ("8002578") or ("20130084745") or ("9750152") or ("20160190775") or ("20140126117") or ("20060090528") or ("4245280") or ("5816001") or ("7191798") or ("20140138332") or ("10231556") or ("20060131409") or ("8784136") or ("20160088940") or ("8811003") or ("20090135598") or ("10711461") or ("20160265641") or ("8408483") or ("5836121") or ("20110097683") or ("20180352928") or ("20130251544") or ("8845144") or ("20150189963") or ("20160044816") or ("7543411") or ("20200163779") or ("7457106") or ("9038632") or ("9050157") or ("9593757") or ("9669119") or ("7211169") or ("20150190687") or ("20040177573") or ("20200248945") or ("8396356") or ("7706134") or ("20110267786") or ("20050061161") or ("20070184721") or ("20140364823") or ("20130048550") or ("20120179124") or ("7990689") or ("8537565") or ("20040255560") or ("9039384") or ("10050381") or ("6173545") or ("9206827") or ("20090180241") or ("20110005333") or ("20070228680") or ("7520211") or ("20160327143")).PN. or (("20150378391") or ("20160062398") or ("9616301") or ("8635763") or ("20070212284") or ("20100208435") or ("5603585") or ("20020117811") or ("10455867") or ("20030117028") or ("10369502") or ("20180235802") or ("10194725") or ("20090142724") or ("20090031694") or ("8619412") or ("7153170") or ("9287688") or ("8971049") or ("20120275100") or ("4678257") or ("5688460") or ("9427071") or ("9846452") or ("20040036749") or ("20180193780") or ("20120003861") or ("10588757") or ("20090236272") or ("7252518") or ("9271430") or ("20120081842") or ("4865635") or ("5253435") or ("5435255") or ("9943291") or ("20130333941") or ("9611881") or ("20130248022") or ("5556541") or ("20110186345") or ("20180351295") or ("8206184") or ("8845606") or ("9848494") or ("20180022209") or ("20140049060") or				

		("20190323691") or ("10535952") or ("7386969") or ("8668206") or ("9185816") or ("20140265765") or ("20150045134") or ("7269004") or ("6892497") or ("20130178306") or ("10201089") or ("9943436") or ("20040187402") or ("20100202623") or ("20130328462") or ("20190220065") or ("20180295897") or ("9592871") or ("20060054514") or ("20180172190") or ("9441631") or ("10661650") or ("9072363") or ("20200088327") or ("20030051301") or ("20180237174") or ("6009676") or ("20200262290") or ("8180093") or ("8305773") or ("20150059206") or ("20130284772") or ("6007387") or ("20040265151") or ("20120208395") or ("20130251551") or ("20120281385") or ("20160114122") or ("10156306") or ("7287659") or ("9125293") or ("6921292") or ("20170087327") or ("20170198799") or ("20040222235") or ("20100246155") or ("5862710") or ("6219913") or ("5666773") or ("20170196112") or ("20100061039") or ("20190078712") or ("8551283") or ("20140323914") or ("4561212") or ("8657621") or ("10571099") or ("20200088330") or ("6705714") or ("20160184662") or ("9781846") or ("6647578") or ("20120031515") or ("8023261") or ("9606579") or ("10368457") or ("6502632") or ("20130286582") or ("20050044818") or ("7939758") or ("20050107757") or ("20060213783") or ("20020129574") or ("20100205622") or ("20200083501") or ("20160367048") or ("20090121513") or ("20070161965") or ("6241556") or ("5785545") or ("7641640") or ("20200191364") or ("20130330970") or ("20200002953")).PN. or (("20050092877") or ("20140246616") or ("9223345") or ("10401902") or ("10112670") or ("20100192356")).PN.				
S1537	134	((("LIN") near3 ("Arthur")) OR (("FRICK") near3 ("Sean"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/31 11:13
S1538	2,623	h05k5/069,0004,0086.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:14

S1539	16,167	a61b5/14532.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:14
S1540	7,824	361/679.55,679.56,679.21-679.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:14
S1541	2	"20140194818"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 11:36
S1542	2,019	((("MARTINEZ") near3 ("R")) OR (("KOLEY") near3 ("Goutam")) OR (("MADATHIL") near3 ("Kapil"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/31 11:44
S1543	6	((("MCCOLL") near3 ("Stuart"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/08/31 12:02
S1544	3,472	b60l53/16,31.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:03
S1545	1,735	h01r13/6205.cpc.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:03
S1546	521	(("20200254893") or ("20140125140") or ("10014104") or ("20140232197") or ("9666357") or ("9876535") or ("9472338") or ("20140070764") or ("20140070623") or ("20140070622") or ("9672975") or ("20150162753") or ("9742200") or ("20140361628") or ("9431169") or ("10340078") or ("20180137972") or ("9837204") or ("20150170833") or ("20160025821") or ("9739844") or ("20150077053") or ("9969282") or ("10186912") or ("20170274778") or ("20200021144") or ("10630114") or ("20180069440") or ("20150094887") or ("20200119596") or ("9409490") or ("20190023141") or ("20160368387") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:04

		("10547215") or ("20150326061") or ("20150022142") or ("10046660") or ("20170250563") or ("10391875") or ("9533589") or ("20150349571") or ("9698632") or ("10291059") or ("9735629") or ("20170358960") or ("20190353816") or ("9859755") or ("20120217111") or ("20180375390") or ("20140203769") or ("20140015328") or ("10320245") or ("9142990") or ("10358045") or ("20150255993") or ("10566850") or ("10325717") or ("20120153894") or ("9379780") or ("20140302782") or ("20180361863") or ("20170326991") or ("9583259") or ("10389145") or ("20170025884") or ("20180233940") or ("10033231") or ("9991048") or ("10003217") or ("9337902") or ("20190173317") or ("20150371771") or ("20170129344") or ("20130249304") or ("20190312460") or ("20160068069") or ("20190275901") or ("10444394") or ("20180198323") or ("9889754") or ("20170005523") or ("10476310") or ("20140320090") or ("20110254503") or ("20200094696") or ("9352661") or ("10343535") or ("20190393728") or ("20110254377") or ("10566839") or ("10320230") or ("20180366253") or ("20130300202") or ("20180342897") or ("20170070075") or ("10000133") or ("20170305280") or ("10493853") or ("20160250932") or ("9722447") or ("20140054970") or ("20170207656") or ("9859955") or ("20140132210") or ("9923406") or ("20170267110") or ("20150280483") or ("20170271926") or ("20180072166") or ("9815381") or ("9561730") or ("10302795") or ("20150331135") or ("10124687") or ("9653206") or ("10295693") or ("20170077733") or ("10097046") or ("20190020210") or ("9601263") or ("20170136898") or ("20200164754") or ("10343551") or ("10367369") or ("20160126746") or ("20200036214") or ("9941708") or ("20180337548") or ("20180034327")).PN. or (("10564307") or ("20140054971") or ("20110221387") or ("20190271791") or ("9673664") or ("20150326032") or ("20150197155") or ("20150323694") or ("20190337393") or ("10355515") or ("9859956") or ("10668829") or ("20180329101") or ("9685795") or ("20160372961") or ("10018744") or ("20160181827") or ("10391871") or ("20140111154") or ("20010002786") or ("10277079") or ("20190250298") or ("9608465") or ("20200136439") or ("10670764") or ("6310465") or ("20120299390") or ("9272630") or				

		("20150303714") or ("20170025904") or ("10211681") or ("20140111019") or ("10371848") or ("9465064") or ("20190027965") or ("20120161696") or ("10333333") or ("9404954") or ("20150202970") or ("20160072299") or ("9126490") or ("10333355") or ("20190181694") or ("20190283616") or ("9821672") or ("10686337") or ("20160001663") or ("20190252926") or ("20190006826") or ("20160285312") or ("9680312") or ("20160190814") or ("20190293827") or ("20160372960") or ("20130249477") or ("9960607") or ("20160187519") or ("9815379") or ("10277056") or ("20190036383") or ("10110063") or ("20160187520") or ("10739487") or ("10224762") or ("9431834") or ("6320352") or ("20010002789") or ("20140327391") or ("10324215") or ("20190222052") or ("20150318709") or ("9676285") or ("9802490") or ("20200136438") or ("20190293829") or ("20150288195") or ("20130015699") or ("9496746") or ("20140340031") or ("9853507") or ("20120112553") or ("10720789") or ("20100207771") or ("8912686") or ("20170288444") or ("20150077046") or ("8405346") or ("20140015327") or ("20140125146") or ("20110062793") or ("10447079") or ("9376026") or ("20150364944") or ("9679695") or ("20140111151") or ("10491026") or ("20150084588") or ("20190080840") or ("9302591") or ("9735605") or ("9048696") or ("20160211064") or ("20140125147") or ("20160039294") or ("20180076671") or ("20150042168") or ("9083204") or ("10720277") or ("20090278494") or ("20180175643") or ("20150303699") or ("10756554") or ("20160241061") or ("9136734") or ("10181759") or ("9509166") or ("20140252871") or ("20200247247") or ("20140002015") or ("20120293005") or ("20170294808") or ("9505314") or ("20170222481") or ("20160013582") or ("9035501") or ("9994114") or ("9160205") or ("20160272072") or ("20150263537")).PN. or (("9931952") or ("9531118") or ("10600561") or ("20130249303") or ("20140339923") or ("9369001") or ("20200059119") or ("20160027577") or ("20140070625") or ("20190280347") or ("20180166210") or ("9537353") or ("20150061578") or ("20170110911") or ("9711272") or ("9972434") or ("20170011837") or ("20160129794") or ("20200274398") or ("10333334") or ("20150260835") or ("9772401") or				

		("20190363565") or ("20190140481") or ("10446316") or ("9438064") or ("10593468") or ("20150073642") or ("20160176300") or ("20190097447") or ("10139238") or ("20160056664") or ("20170103850") or ("10046659") or ("20180342907") or ("10594159") or ("20170366046") or ("20120206098") or ("20180086211") or ("8975864") or ("20170271925") or ("10256674") or ("20180174745") or ("20170141623") or ("20190308514") or ("20190199143") or ("10476315") or ("10404100") or ("10461582") or ("20170341519") or ("10141770") or ("20160226298") or ("20190027298") or ("10144302") or ("9979239") or ("20190386628") or ("20180064224") or ("20170093172") or ("20140021796") or ("9444247") or ("20170297437") or ("20170194817") or ("10206474") or ("9984814") or ("20090243396") or ("9583874") or ("20170074908") or ("20180062420") or ("20200039368") or ("20190097448") or ("20160339785") or ("10468919") or ("20120293009") or ("20180159369") or ("20200119587") or ("20190110567") or ("10276899") or ("10449865") or ("10340743") or ("9496732") or ("20200044493") or ("10265450") or ("20140232331") or ("9106083") or ("20170085137") or ("20150280448") or ("10390594") or ("20130093390") or ("20100022285") or ("10361591") or ("9248751") or ("20190074724") or ("20120306282") or ("20200094700") or ("20190027968") or ("20140268895") or ("20180334050") or ("20110210617") or ("10505392") or ("20160259374") or ("20190371504") or ("10199885") or ("20190356178") or ("20170155282") or ("20140191568") or ("20130119927") or ("9773601") or ("20170345536") or ("10403113") or ("20200047632") or ("10411524") or ("20170207657") or ("10192665") or ("20180061563") or ("20150061590") or ("20190335868") or ("10354794") or ("9112362") or ("20140191586") or ("20160380488") or ("10631609") or ("20180262055") or ("20190027954") or ("20130119928") or ("20160380487") or ("9260024") or ("9898060")).PN. or (("20130285604") or ("20160347193") or ("20130285605") or ("20190074719") or ("20130249479") or ("20130119929") or ("20150364930") or ("20160264010") or ("9379571") or ("20180312070") or ("20160141099") or				

		("20150048752") or ("20130271069") or ("20200221843") or ("9656564") or ("20180174734") or ("20160077562") or ("10493856") or ("20070131505") or ("9112363") or ("10340752") or ("20150061581") or ("10333293") or ("20130093259") or ("20170326992") or ("20160111889") or ("20140035520") or ("20100219698") or ("9743565") or ("10005368") or ("20190074706") or ("20160211702") or ("9112364") or ("20140042824") or ("9767955") or ("10324226") or ("20180191203") or ("10529484") or ("10686333") or ("20160352149") or ("20120235636") or ("10457158") or ("8049370") or ("9143001") or ("20190074729") or ("9929598") or ("10491041") or ("9948358") or ("10688874") or ("20180056800") or ("10377255") or ("20170093453") or ("20140217966") or ("9707853") or ("20180239055") or ("10658869") or ("20110227527") or ("20190393730") or ("20180354383") or ("20110285349") or ("10381881") or ("9967648") or ("20180115816") or ("20140191713") or ("8884581") or ("20180083349") or ("9356659") or ("20140125278") or ("10212506") or ("9637014") or ("9444276") or ("10476304") or ("9147523") or ("20180034326") or ("9419477") or ("20150076921") or ("20170158063") or ("9837826") or ("20180304755") or ("8587154") or ("20150008752") or ("10308123") or ("20180175671") or ("8796885") or ("20130300204") or ("20170097437") or ("10461587") or ("20130241478") or ("10029577") or ("20170361726") or ("20170094391") or ("9178369") or ("20150214752") or ("20100219697") or ("20180097393") or ("8766488") or ("20130307468") or ("10181729") or ("20120323423") or ("20190036349") or ("10243392") or ("20190289382") or ("20100231163") or ("10115520") or ("20140375256") or ("8423223") or ("20170094393") or ("20170222467") or ("10298049") or ("20170094394") or ("20150328995") or ("20180269709") or ("9961433") or ("20170094392") or ("20170245038") or ("9794673") or ("9967650") or ("20190207425") or ("9446675") or ("20170094397") or ("20150054350") or ("9826301") or ("9883277") or ("9967644") or ("9883272") or ("20120146576") or ("10418863") or ("20130249302") or ("10681446")).PN. or (("9325187") or ("20170259679") or ("10009678") or ("10587124") or ("8456038") or ("20120119697") or ("20170264144")).PN.				

S1547	15	(("20200254893") or ("20140125140") or ("10014104") or ("20140232197") or ("9666357") or ("9876535") or ("9472338") or ("20140070764") or ("20140070623") or ("20140070622") or ("9672975") or ("20150162753") or ("9742200") or ("20140361628") or ("9431169")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:04
S1548	274	191/10.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:05
S1549	1,498	439/34,503,620.21,620.27.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:07
S1550	6,052	320/107,108.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:11
S1551	9,352	320/103,104,107,108,109.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/08/31 12:11
S1552	8	("20080037218" | "20080158814" | "20090097200" | "6278608" | "6449150" | "6795314" | "7154748" | "7821790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/03 10:05
S1553	1	"7821790".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/03 10:06
S1554	2	("20090179751" | "7983030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/03 10:59
S1555	3	("20070008227" | "20130234910" | "9059505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/03 11:00
S1556	5	S1554 S1555	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/03 11:01
S1557	4	("20060234119" | "20080169788" | "20120164504" | "20130295419").PN.	US-PGPUB; USPAT	OR	OFF	2020/09/10 10:53
S1558	2	"20140220389"	US-PGPUB;	OR	OFF	2020/09/10 10:54

			USPAT; USOCR			
S1559	6	S1557 S1558	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/10 10:54
S1560	13,376	G06F1/1652,1656,1633.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:40
S1561	10,861	H04M1/02,0202,0206,0237,0266,0277.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:40
S1562	10,567	455/575.1-575.9.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:40
S1563	5,612	361/679.21-679.3.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:40
S1564	2,994	361/679.55-679.56.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:40
S1565	7,045	H04M1/0235,0237,0266.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:41
S1566	238	((("SONG") near3 ("Insu")) OR (("KIM") near3 ("Jaewook")) OR (("LEE") near3 ("Seongcheol")) OR (("KIM") near3 ("Minsoo"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/09/14 13:41
S1567	966	((("LI") near3 ("Dongxu")) OR (("YIN") near3 ("Changping")) OR (("WU") near3 ("Jun")) OR (("LI") near3 ("Dezhan"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/09/14 13:43

S1568	162	(("20200264660") or ("20200267247") or ("10742784") or ("8634184") or ("20110193783") or ("20100033943") or ("8203854") or ("20200267246") or ("20120305718") or ("20200209923") or ("20180056600") or ("10589472") or ("6857840") or ("20100124006") or ("20090230645") or ("20190000230") or ("7000991") or ("20080224451") or ("7936558") or ("20050118004") or ("20030129046") or ("20200192435") or ("7914016") or ("20180054911") or ("20070170221") or ("10194555") or ("20190012028") or ("10585457") or ("20200186687") or ("7515403") or ("20080074349") or ("20100124008") or ("20200103069") or ("8903231") or ("20180087740") or ("7992752") or ("8018715") or ("20130033161") or ("5674041") or ("20200212326") or ("20140010523") or ("8542988") or ("20050277449") or ("20120328275") or ("7343182") or ("20070121279") or ("20080132303") or ("20200104090") or ("20180352956") or ("8708405") or ("10508766") or ("4635890") or ("20090077747") or ("20050164840") or ("20110043027") or ("20070186380") or ("20090077744") or ("7725988") or ("7845034") or ("7712168") or ("20040058785") or ("20200032952") or ("20180101122") or ("7137665") or ("9272623") or ("20050109909") or ("10466747") or ("9405325") or ("10067459") or ("20140216329") or ("20150192966") or ("8396520") or ("6264159") or ("20190033920") or ("20120077555") or ("20180057198") or ("5186426") or ("5199344") or ("20120181409") or ("20160154119") or ("10379437") or ("20140375022") or ("6752303") or ("8020911") or ("20080136206") or ("20200214166") or ("8166883") or ("20150300067") or ("20170347466") or ("6176406") or ("10290240") or ("9039032") or ("8388014") or ("20200245488") or ("20200022493") or ("20120193891") or ("9333986") or ("10694847") or ("9487986") or ("20190015953") or ("7413000") or ("20140028003") or ("20150091420") or ("20080048477") or ("20070175603") or ("3848937") or ("7533936") or ("20070056696") or ("20090279234") or ("10278498") or ("20200120305") or ("9689510") or ("20180125234") or ("20160369844") or ("10734880") or ("20190190366") or ("6276011") or ("20130074715") or ("8661974") or ("10531736") or ("20200190774") or ("20180008216") or ("20180220537") or ("20160268081") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:43

		("20200055425") or ("9819157") or ("20170197525") or ("20130284684") or ("4362317")).PN. or (("20190327841") or ("10746347") or ("7437186") or ("10118506") or ("10292280") or ("10440838") or ("6719151") or ("10161558") or ("6584916") or ("8752718") or ("20160357055") or ("20020170197") or ("20170261150") or ("20060128449") or ("9857093") or ("20200278722") or ("20200020255") or ("20190193942") or ("20020113533") or ("5479733") or ("20180229798") or ("6554379") or ("9821879") or ("7451960") or ("20070108791") or ("6205934") or ("20050225217") or ("10000291") or ("20170088273") or ("10451213") or ("20180087712") or ("20190128036") or ("20150111485")).PN.				
S1569	1	"20180118379"	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:45
S1570	356	(("20180118379") or ("6479187") or ("20110068738") or ("20070169268") or ("7962981") or ("8513917") or ("20040226788") or ("7690059") or ("20110231996") or ("20070157385") or ("9126571") or ("20070174964") or ("7861334") or ("8701229") or ("20110162141") or ("7805784") or ("20070163043") or ("7213690") or ("20140237721") or ("20200119417") or ("9555778") or ("9438113") or ("20110277242") or ("9748548") or ("6498406") or ("20150035370") or ("8393026") or ("9815439") or ("7549327") or ("20160287459") or ("20140059768") or ("7408453") or ("20080156406") or ("9539156") or ("20150037626") or ("20150037616") or ("20070205881") or ("20060243043") or ("9312580") or ("9553343") or ("10614694") or ("20150037648") or ("20090043441") or ("20150037634") or ("7630802") or ("9496588") or ("9525195") or ("20150037647") or ("20150037662") or ("20150037649") or ("20180289096") or ("10694805") or ("7444210") or ("7760080") or ("20160088132") or ("20170349039") or ("20130110017") or ("7379800") or ("10183563") or ("10585111") or ("20060284839") or ("20200241036") or ("9337451") or ("5576605") or ("7313467") or ("20060244581") or ("20140015656") or ("20080129475") or ("9385355") or ("20150037640") or ("9242599") or ("20200052515") or ("20060180371") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:47

		("20060025897") or ("6988026") or ("20170328931") or ("6410184") or ("7089099") or ("9985268") or ("20150072206") or ("9287579") or ("7693626") or ("10096806") or ("10573093") or ("20070156320") or ("20150037642") or ("20040130442") or ("20070057781") or ("7527288") or ("7920102") or ("20150037641") or ("20150037646") or ("7661370") or ("20070075919") or ("7555370") or ("20080114502") or ("10681439") or ("20180118071") or ("10486571") or ("20200053444") or ("6537694") or ("20140093765") or ("9132058") or ("20200101882") or ("9943697") or ("20200144576") or ("20090200983") or ("20180251123") or ("20030096160") or ("20070005202") or ("20120301769") or ("10716192") or ("7880594") or ("20200185799") or ("7211347") or ("7650210") or ("8024084") or ("20080284575") or ("20070096565") or ("9252406") or ("20070126561") or ("20200144568") or ("10199838") or ("20160141570") or ("20150072193") or ("20170054307") or ("9203255") or ("20200119418") or ("20060212193") or ("20150359704") or ("9831482")).PN. or (("9515306") or ("7786864") or ("7889096") or ("20120045686") or ("20110117419") or ("20200148366") or ("8846238") or ("20080086240") or ("20140093763") or ("20150201918") or ("8169311") or ("7421321") or ("9605952") or ("20140035537") or ("20020179354") or ("20050273218") or ("20150019013") or ("20120089299") or ("20060212194") or ("20150263397") or ("20100248008") or ("9214658") or ("20070139216") or ("8567537") or ("20110067938") or ("10576626") or ("20070144804") or ("8865338") or ("8507121") or ("20150072188") or ("20110104547") or ("7672756") or ("20100207754") or ("10065309") or ("7603894") or ("8551640") or ("7580782") or ("20100316895") or ("20160258758") or ("7103460") or ("8805530") or ("20050192727") or ("20170182657") or ("10581056") or ("20200127267") or ("20070299587") or ("20150069829") or ("20080216567") or ("7657354") or ("9825273") or ("20190001492") or ("20160331981") or ("9802225") or ("20080042410") or ("10439182") or ("20150224845") or ("10608231") or ("20190214617") or ("20140227570") or ("9702349") or ("20190091552") or ("9156172") or				

		("8962174") or ("20180083253") or ("20200161621") or ("20140011058") or ("10420951") or ("10511006") or ("9287537") or ("8268478") or ("20180169702") or ("10040330") or ("20180134106") or ("20170182859") or ("10421100") or ("20080065290") or ("10361411") or ("20190001782") or ("9608245") or ("20130233116") or ("8518579") or ("20170200931") or ("10468654") or ("20170317332") or ("20150070021") or ("9716263") or ("20120321922") or ("20110039152") or ("20170245717") or ("20160325657") or ("20170324075") or ("7467034") or ("10103374") or ("6566775") or ("20160093850") or ("8019501") or ("9450220") or ("20150072208") or ("9711778") or ("9698403") or ("9772343") or ("10314455") or ("9421388") or ("10044018") or ("5931245") or ("20070271014") or ("20070156312") or ("9722231") or ("5580675") or ("20200020920") or ("9457743") or ("9412982") or ("20200251920") or ("20150072207") or ("9614203") or ("20150072177") or ("20150072174") or ("20150072196") or ("10211444") or ("20160020445") or ("20140302376") or ("20180272140") or ("6610439") or ("20150072175") or ("20140302377") or ("20150072187") or ("20080300660") or ("20160183341") or ("20190046373") or ("7217473")).PN. or (("20150072209") or ("7082359") or ("9806318") or ("9841432") or ("20120274274") or ("9512991") or ("8456064") or ("9440601") or ("8197958") or ("20150303434") or ("6372377") or ("20190133303") or ("20160349280") or ("10734617") or ("20180212214") or ("20050058892") or ("20020182493") or ("20160327226") or ("8556795") or ("20150080981") or ("10333377") or ("20120114999") or ("9191074") or ("20130233166") or ("20050125117") or ("20160118701") or ("20140014418") or ("20120130153") or ("20100119926") or ("20080264291") or ("20170095399") or ("20150072195") or ("20180166962") or ("8753256") or ("20090139781") or ("9375852") or ("9634364") or ("5561359") or ("7740273") or ("20180009098") or ("9178191") or ("6878485") or ("10308065") or ("9884548") or ("9844486") or ("8956275") or ("20160243927") or ("8618934") or ("20190219472") or ("20140103842") or ("8229624") or ("10727457") or ("20100219775") or ("20160075226") or ("20160075175") or ("5879831") or ("20180258882") or				

		("20140265565") or ("20150351883") or ("9559393") or ("20160093929") or ("20140296614") or ("20100271199") or ("20130257147") or ("20160232736") or ("10229552") or ("20190109349") or ("10589412") or ("7957169") or ("20150107824") or ("20190218894") or ("8159849") or ("9247598") or ("7507500") or ("20190312238") or ("20160081778") or ("20200059196") or ("20080046149") or ("8237337") or ("20050231045") or ("20180115027") or ("20080284145") or ("20200095847") or ("9750586") or ("20190346895") or ("10678314") or ("8063541") or ("7744122") or ("9205567") or ("20080139980") or ("20130238129") or ("20100315035") or ("20150188198") or ("10270138") or ("20200287479")).PN.				
S1571	573	(("20200192425") or ("10020572") or ("20170048991") or ("20180316087") or ("10333211") or ("20190312345") or ("10727576") or ("9640858") or ("20170045916") or ("10620669") or ("20180166809") or ("10320101") or ("20180277934") or ("20040061566") or ("6856209") or ("20150378321") or ("7508677") or ("9703272") or ("20040094328") or ("20190067795") or ("20180123224") or ("10608329") or ("20200096947") or ("20140004724") or ("9022806") or ("20180269561") or ("9293807") or ("20140232604") or ("20140308852") or ("10418689") or ("8698680") or ("20110165784") or ("20180366812") or ("20140099993") or ("20130181873") or ("20140004726") or ("20180287302") or ("9583853") or ("9564696") or ("20190305432") or ("10355415") or ("8469720") or ("20140004746") or ("20200083608") or ("10505279") or ("20180191073") or ("20130309910") or ("9621694") or ("9225085") or ("20180069300") or ("9854678") or ("10608323") or ("9184493") or ("20160191683") or ("20190245271") or ("20170164498") or ("8727791") or ("10063678") or ("20190140342") or ("20180129170") or ("20140322985") or ("20180309189") or ("6064113") or ("20120019418") or ("20200267838") or ("20190386381") or ("20190341688") or ("9125299") or ("20200093040") or ("20140160684") or ("20140029213") or ("20120021701") or ("9894767") or ("10709043") or ("20180109043") or ("10205286") or ("20200119433") or ("9084380") or ("20200192424") or ("20190074592") or	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:49

		("8774880") or ("7501839") or ("6137168") or ("20070075726") or ("8295528") or ("20180205151") or ("20130115821") or ("10181646") or ("8615279") or ("20180342467") or ("20100142744") or ("20190245272") or ("20200015701") or ("10381732") or ("9716307") or ("20140239984") or ("8573995") or ("9190745") or ("20170256845") or ("9423418") or ("20170047647") or ("20190058256") or ("20190098758") or ("10257933") or ("8708745") or ("20130244492") or ("9859612") or ("10490883") or ("20140125528") or ("10734731") or ("10516202") or ("20200136231") or ("20170256846") or ("20200267847") or ("20200287268") or ("9444141") or ("20040212974") or ("20190173236") or ("9831928") or ("20190123429") or ("10424832") or ("10720735") or ("20170141820") or ("20150280311") or ("20110212632") or ("20050026469") or ("20150048979") or ("10243624") or ("8241067")).PN. or (("20110104948") or ("7135642") or ("20190269009") or ("20180048359") or ("20200052386") or ("20050205990") or ("20150295478") or ("8272877") or ("8874206") or ("20190288450") or ("20090120668") or ("8338713") or ("20150040391") or ("20130274820") or ("7486524") or ("20170290184") or ("10104211") or ("20190165453") or ("10542632") or ("7273401") or ("20180103135") or ("20200127404") or ("20190044264") or ("20170338603") or ("20200225295") or ("20190384358") or ("9979139") or ("10727568") or ("20080102692") or ("20050176268") or ("20190094809") or ("20170358847") or ("10290923") or ("20150280517") or ("20200194879") or ("20180062249") or ("8456375") or ("20110001680") or ("20200136243") or ("20190273320") or ("20190288421") or ("20180338021") or ("10528006") or ("7443693") or ("20200266523") or ("10396438") or ("10594845") or ("20090227153") or ("20170033442") or ("9847194") or ("20040240191") or ("9548787") or ("20160255733") or ("20140170907") or ("20180090818") or ("10623029") or ("20200220954") or ("9979086") or ("20180309190") or ("7753744") or ("20180090975") or ("10347970") or ("20180083510") or ("7699672") or ("20150188226") or ("20130122754") or ("20200266521") or ("20200106167") or ("9891667") or ("20140211432") or ("9696058") or ("20190014656") or ("10283845") or				

		("20190280375") or ("9106031") or ("20130149911") or ("10153539") or ("20140321092") or ("20190052292") or ("20140268621") or ("8647156") or ("20160036171") or ("20120202387") or ("5967837") or ("20160254590") or ("8517766") or ("20160036120") or ("5483099") or ("9437984") or ("20190027807") or ("20160190704") or ("9966652") or ("8636543") or ("20180233861") or ("9647398") or ("10497524") or ("20160359279") or ("9450297") or ("9848071") or ("9750152") or ("9590314") or ("20180323552") or ("20150064964") or ("20180366813") or ("20160044816") or ("20130210252") or ("20120282803") or ("10056719") or ("10734705") or ("20150280515") or ("10616995") or ("20150280516") or ("10601972") or ("20170125881") or ("20190052739") or ("20110104942") or ("20190165478") or ("8864514") or ("8923003") or ("10476214") or ("20010046801") or ("20200267861") or ("10477675") or ("20170055353") or ("20110068985") or ("10566680") or ("20130201620") or ("20160037652")).PN. or (("8727795") or ("20140049250") or ("10720616") or ("20200185826") or ("20180191055") or ("8491313") or ("10033845") or ("7245498") or ("20170062999") or ("20170244818") or ("10483626") or ("10396434") or ("8968026") or ("20120202386") or ("20190267699") or ("10219389") or ("8669905") or ("20180248254") or ("20150318642") or ("20200153082") or ("9291649") or ("9813532") or ("20050168963") or ("20200266562") or ("20120299798") or ("20200169007") or ("10189408") or ("20170013738") or ("20200163204") or ("8801464") or ("6241537") or ("20190237851") or ("20120176756") or ("20170120824") or ("20170207516") or ("9553394") or ("20180124938") or ("20130288529") or ("20200251702") or ("8461465") or ("20120264335") or ("20150188210") or ("20110212649") or ("20190181539") or ("20190097190") or ("9059505") or ("10461744") or ("20190022700") or ("9877398") or ("20170351297") or ("9472917") or ("20040043644") or ("20160044800") or ("20080214055") or ("20080274654") or ("8517751") or ("10027023") or ("6183301") or ("9952622") or ("20180299929") or ("20200076132") or ("20190165473") or ("9974201") or ("20190089352") or ("8182289") or ("20170025364") or ("20130075149") or				

		("10403964") or ("20010010978") or ("10595400") or ("6527588") or ("20090029602") or ("20190067803") or ("20140340824") or ("20050200494") or ("10468746") or ("7494383") or ("20200266138") or ("20200006248") or ("10534405") or ("7837477") or ("20100112829") or ("20190319381") or ("10601113") or ("8576561") or ("7985097") or ("20190074576") or ("20190261515") or ("9052870") or ("6544045") or ("7079028") or ("7838395") or ("10542617") or ("20180097275") or ("20140099844") or ("6897555") or ("9583880") or ("20170245360") or ("7672142") or ("20140098508") or ("20030111738") or ("6800944") or ("20140054058") or ("8535075") or ("9388998") or ("8215989") or ("20200274267") or ("9184530") or ("20190190196") or ("8576569") or ("20140262484") or ("9585259") or ("8694120") or ("10535642") or ("20170142834") or ("20120250911") or ("20030222282") or ("10292259") or ("20080164055") or ("20130176684") or ("9245835") or ("20190043845") or ("9196963") or ("9357665") or ("20020119702") or ("20120176755") or ("20140117473") or ("20170318664") or ("9153919") or ("10068936")).PN. or (("20120215287") or ("20200153115") or ("10511128") or ("20180084646") or ("20200119429") or ("20140057494") or ("20120327621") or ("20140057498") or ("9466385") or ("10234161") or ("20190221973") or ("8097943") or ("20150325905") or ("9185794") or ("9240644") or ("20110024903") or ("20130217253") or ("20130169504") or ("20120202363") or ("8692728") or ("20200194905") or ("20180342793") or ("20180263124") or ("20190166686") or ("20190081404") or ("20030129877") or ("9831588") or ("9784467") or ("20200235529") or ("8693204") or ("20120176277") or ("9709295") or ("20190074724") or ("20130069835") or ("9752793") or ("7148429") or ("20130207855") or ("20180164853") or ("8988295") or ("10079922") or ("20160266613") or ("9516795") or ("20160056533") or ("8998632") or ("10582621") or ("20140268600") or ("20140292590") or ("20190212965") or ("20140268602") or ("8657627") or ("20180358687") or ("9803882") or ("20170181295") or ("8718775") or ("10594025") or ("20090099444") or ("20140319236") or ("4352084") or ("20090200270") or ("9156680") or ("20160344444") or ("9331391") or ("20040264149") or ("20110188179") or				

		("8233282") or ("20170141458") or ("20180226747") or ("20190229413") or ("10766440") or ("9980397") or ("8022705") or ("9215826") or ("10381881") or ("20140218874") or ("20190349507") or ("6840817") or ("20180145438") or ("20080158804") or ("20100160991") or ("9705184") or ("6802743") or ("20200008300") or ("20200161763") or ("20120064943") or ("20190140401") or ("20190074729") or ("7196415") or ("9941627") or ("7910852") or ("20180334112") or ("20170093087") or ("20050277310") or ("8824152") or ("10610157") or ("20180358686") or ("20180175526") or ("8988291") or ("7656353") or ("20110263157") or ("20120268903") or ("9582036") or ("20160259368") or ("20070120745") or ("10270192") or ("20200021015") or ("20100094552") or ("20200229761") or ("20140073183") or ("20190101870") or ("10068839") or ("20090291593") or ("20090154050") or ("20190072912") or ("7869180") or ("10305313") or ("20200153260") or ("20160149343") or ("20080182436") or ("20160105737") or ("9871319") or ("6912280") or ("10090619") or ("20120104601") or ("20150252957") or ("7362585") or ("20190393730") or ("20120306802") or ("20150056856") or ("7537461")).PN. or (("20110234081") or ("20190190193") or ("10491041") or ("20170257687") or ("9661408") or ("9367094") or ("20110230095") or ("10133910") or ("10230154") or ("10306748") or ("20160189890") or ("8777666") or ("20190207307") or ("20140354218") or ("20060065433") or ("20150114706") or ("8063836") or ("10134539") or ("20180145452") or ("5278570") or ("10622295") or ("20150155657") or ("20190261527") or ("20180005934") or ("20040253845") or ("20030179549") or ("20120229882") or ("20170213068") or ("20180315696") or ("9986639") or ("20170064816") or ("9478905") or ("20180331418") or ("20170142241") or ("20190074719") or ("10637192") or ("9787809") or ("20180288203") or ("20200028949") or ("20170048366") or ("20150204570") or ("10665937") or ("7307293") or ("20090231211") or ("20180277929") or ("20160380606") or ("20180077791") or ("10075569") or ("20040013262") or ("20160178231") or ("20060181841") or ("20110081022") or ("20200245462") or ("20180253279") or				

		("7652628") or ("9752733") or ("20070284140")).PN.				
S1572	3	(("20190258294") or ("20130078460") or ("10590299")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:52
S1573	84	(("20190258294") or ("20130078460") or ("10590299") or ("20110023945") or ("20190210007") or ("20130331474") or ("20190077134") or ("20070042173") or ("20100255328") or ("20150072141") or ("8575259") or ("20130071668") or ("20110259390") or ("20190344310") or ("9764536") or ("20030027917") or ("9359525") or ("20030088045") or ("20150275037") or ("9663681") or ("20110111242") or ("20110259389") or ("20180065147") or ("20130337161") or ("5242716") or ("5767188") or ("9017768") or ("20160333219") or ("20190225821") or ("20070129478") or ("20200010698") or ("8048218") or ("20180281019") or ("20030152779") or ("20190015868") or ("20090176084") or ("20150056376") or ("20150321221") or ("10682669") or ("20030157338") or ("10196540") or ("20130065047") or ("20090186962") or ("9475957") or ("20110268875") or ("7846511") or ("20080158675") or ("6084009") or ("20090099298") or ("20140030528") or ("20060293408") or ("20030138635") or ("9718097") or ("20050080159") or ("8283405") or ("20030148111") or ("8512801") or ("20120295117") or ("20130089731") or ("7927514") or ("20100249304") or ("20150037535") or ("9340648") or ("6013724") or ("20120059118") or ("20170233583") or ("20170133531") or ("8273171") or ("20050214549") or ("8758896") or ("20090111935") or ("8092872") or ("20150037591") or ("20060051567") or ("20100323211") or ("20150111026") or ("20080131674") or ("20170216882") or ("20130302637") or ("20090301382") or ("20020082344") or ("20070217014") or ("20050069692") or ("6932882")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:52
S1574	12,233	G06F1/163,1633,1613.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:53

S1575	2,497	H01Q21/30.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:53
S1576	14,086	H01Q1/273,38,526.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:54
S1577	6,776	H01Q7/00.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:54
S1578	1,181	H01Q13/16,18.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:54
S1579	13,904	A61B5/1112,1118,68,6801,6802,681,6813.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:54
S1580	3,319	H01M2/1022.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:56
S1581	4,854	H05K5/0017.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:56
S1582	5,775	G06F1/1633,1637.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 13:56
S1583	338	((("WEI") near3 ("Yonghua")) OR (("TEFIKU") near3 ("Faton")) OR (("IOANNOU") near3 ("Christos")) OR (("LI") near3 ("Kevin"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/09/14 13:56
S1584	51	((("LIN") near3 ("YI-CHING")) OR (("LEE") near3 ("TING-CHU"))).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2020/09/14 13:57

S1585	3,492	G06F1/16.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:12
S1586	1,755	B64G1/425,42,50,66,46.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:13
S1587	802	F16F7/104,10.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:13
S1588	11,583	H01M2/10,1016,1077,1083.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:13
S1589	5,412	361/679.01.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:13
S1590	8	("10203724" | "10488888" | "20150043139" | "20180247582" | "20180343332" | "6800373" | "9726402" | "9989995").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:17
S1591	0	G06F1/1652.CPC	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:24
S1592	267	HAUGHTON.XA.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:24
S1593	1,440	HAUGHTON.XP.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:24
S1594	5,047	G06F1/1652.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:24
S1595	0	S1592 AND S1593	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:26
S1596	1,707	S1592 S1593	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:26

S1597	57	S1594 AND S1596	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:26
S1598	22	S1597 AND (FOLD$4 AND SLID$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:27
S1599	9,519	G06F1/163.CPC.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:27
S1600	39	S1596 AND S1599	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:28
S1601	34	S1600 AND (WRIST OR WATCH)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:28
S1602	26	S1597 AND (SLID$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:32
S1603	4	S1602 NOT S1598	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:32
S1604	13	S1601 AND ANTENNA	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:35
S1605	13	S1600 AND ANTENNA	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:37
S1606	0	S1605 NOT S1604	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:38
S1607	21	S1601 NOT S1604	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:38
S1608	4	("20060234119" | "20080169788" | "20120164504" | "20130295419").PN.	US-PGPUB; USPAT	OR	OFF	2020/09/14 14:41

S1609	4,752	429/10,50,61,99.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:43
S1610	4,942	429/160,163,152.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:43
S1611	3,399	S1610 AND BATTERIES	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:43
S1612	184	S1611 AND SENSORS	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:43
S1613	41	S1612 AND VIBRATION	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:43
S1614	3	S1613 AND ELASTIC	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:44
S1615	4	S1613 AND (DAMPING OR DAMPENING)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:44
S1616	7	S1614 S1615	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:44
S1617	39	S1613 AND TEMPERATURE	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:45
S1618	18	S1617 AND ACCELERATION	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:45
S1619	3,356	S1609 AND BATTERIES	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1620	502	S1619 AND SENSORS	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46

S1621	83	S1620 AND VIBRATION	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1622	12	S1621 AND ELASTIC	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1623	9	S1621 AND (DAMPING OR DAMPENING)	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1624	78	S1621 AND TEMPERATURE	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1625	21	S1624 AND ACCELERATION	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1626	35	S1622 S1623 S1625	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:46
S1627	22	S1616 S1618	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:47
S1628	30	S1626 NOT S1627	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/14 14:47
S1639	2	("20110007464" | "8599550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/28 14:57
S1640	13	("20020044136" | "20030161093" | "20060198094" | "20080048971" | "20080137271" | "20080214250" | "5257164" | "6014552" | "6052279" | "6462938" | "6532152" | "6842333" | "7072624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2020/09/29 11:01

10/1/2020 12:53:33 PM
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Bibliographic Data

Application No: 15/835,573

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /ANTHONY M HAUGHTON/ Examiner's Signature | Initials

Title: WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/08/2017	361	2841	MD.3277.USC2
RULE			

APPLICANTS

Oura Health Oy, Oulu, FINLAND

INVENTORS

Teemu Haverinen, Oulu, FINLAND

Marko Kelloniemi, Oulu, FINLAND

Tomi Hautala, Oulu, FINLAND

Markku Koskela, Oulu, FINLAND

Kari Kivelä, Helsinki, FINLAND

CONTINUING DATA

This application is a CON of 14826360 08/14/2015 PAT 9861314

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

12/28/2017

**** SMALL ENTITY ****

STATE OR COUNTRY

FINLAND

ADDRESS

ZIEGLER IP LAW GROUP, LLC.
55 GREENS FARMS ROAD
WESTPORT, CT 06880
UNITED STATES

FILING FEE RECEIVED

$730

OK TO ENTER: /A.M.H/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s):	Oura Health Oy	ART UNIT:	2835
SERIAL NUMBER:	15/835,573	CONF. NO.:	7420
FILING DATE:	8 December 2017	EXAMINER:	Anthony M. Haughton
TITLE:	WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF		
ATTORNEY REFERENCE NO.:	MDJN.3277.USC2	JOUZEN004_CON1	

Mail Stop AF
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OK TO ENTER: /A.M.H/

RESPONSE AFTER FINAL

I. Introduction

This is responsive to the Final Office Action mailed 9 July 2020.

Amendments to the Claims are presented on page 2.

Remarks begin on page 6.

Petitioner Samsung Ex-1004, 1012

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

93582 7590 10/13/2020
ZIEGLER IP LAW GROUP, LLC.
55 GREENS FARMS ROAD
WESTPORT, CT 06880

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/835,573	12/08/2017	Teemu Haverinen	MD.3277.USC2	7420

TITLE OF INVENTION: WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	01/13/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
HAUGHTON, ANTHONY MICHAEL	2841	361-679030

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Ziegler IP Law Group, LLC
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Oura Health Oy

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Oulu, Finland

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

☒ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /gcz44004/ Date 14 December 2020

Typed or printed name Geza C. Ziegler Jr. Registration No. 44004

PTOL-85 Part B (08-18) Approved for use through 01/31/2020 OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Petitioner Samsung Ex-1004, 1013

Electronic Patent Application Fee Transmittal

Application Number:	15835573
Filing Date:	08-Dec-2017
Title of Invention:	WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF
First Named Inventor/Applicant Name:	Teemu Haverinen
Filer:	GEZA C ZIEGLER JR/Deandra Castro
Attorney Docket Number:	MD.3277.USC2

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**600**

Electronic Acknowledgement Receipt

EFS ID:	41373476
Application Number:	15835573
International Application Number:	
Confirmation Number:	7420
Title of Invention:	WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF
First Named Inventor/Applicant Name:	Teemu Haverinen
Customer Number:	93582
Filer:	GEZA C ZIEGLER JR/Deandra Castro
Filer Authorized By:	GEZA C ZIEGLER JR
Attorney Docket Number:	MD.3277.USC2
Receipt Date:	14-DEC-2020
Filing Date:	08-DEC-2017
Time Stamp:	12:31:01
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$600
RAM confirmation Number	E2020BDC33042238
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	3277_USC2_Transmittal.pdf	1381681 a0c2a1cbeb1bb06f21365cec8334b514764c0078	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30470 3801a0b6671f72c6f078205a1cf14c40ba6d53dd	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1412151		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/835,573	01/19/2021	10893833	MD.3277.USC2	7420

93582 7590 12/29/2020

ZIEGLER IP LAW GROUP, LLC.
55 GREENS FARMS ROAD
WESTPORT, CT 06880

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 54 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Teemu Haverinen, Oulu, FINLAND;
Oura Health Oy, Oulu, FINLAND;
Marko Kelloniemi, Oulu, FINLAND;
Tomi Hautala, Oulu, FINLAND;
Markku Koskela, Oulu, FINLAND;
Kari Kivelä, Helsinki, FINLAND;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

Petitioner Samsung Ex-1004, 1018

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
Approved for use through 03/31/2021. OMB 0651-0035
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	15/835,573
Filing Date	2017-12-08
First Named Inventor	Haverinen et al.
Title	WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF
Art Unit	2841
Examiner Name	Anthony Michael Haughton
Attorney Docket Number	P004.01 (112434.0019)

SIGNATURE of Applicant or Patent Practitioner

Signature	/Nathan J. Mutter/	Date (Optional)	2021-05-12
Name	Nathan J. Mutter	Registration Number	70,107
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Petitioner Samsung Ex-1004, 1019

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 03/31/2021. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 179918

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Oura Health Oy

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☐ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☑ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	Kristin Lamb	Date (Optional)	
Name	Kristin Lamb		
Title	IP Counsel		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	42702558
Application Number:	15835573
International Application Number:	
Confirmation Number:	7420
Title of Invention:	WEARABLE ELECTRONIC DEVICE AND METHOD FOR MANUFACTURING THEREOF
First Named Inventor/Applicant Name:	Teemu Haverinen
Customer Number:	93582
Filer:	Nathan J. Mutter/Jamie LaFleur
Filer Authorized By:	Nathan J. Mutter
Attorney Docket Number:	MD.3277.USC2
Receipt Date:	12-MAY-2021
Filing Date:	08-DEC-2017
Time Stamp:	12:34:27
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	15835573POA.pdf	222260 a5cb63e4815839d17b7c1994a81b635fe77e514e	no	2

Warnings:

Petitioner Samsung Ex-1004, 1021

Information:	
Total Files Size (in bytes):	222260

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/835,573	12/08/2017	Teemu Haverinen	P004.01 (112434.0019)

CONFIRMATION NO. 7420

179918
Holland & Hart LLP/Oura Health Oy
P.O. Box 11583
Salt Lake City, UT 84147

POA ACCEPTANCE LETTER

OC000000125614831

Date Mailed: 05/18/2021

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/12/2021.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tlulu/

Petitioner Samsung Ex-1004, 1023

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/835,573	12/08/2017	Teemu Haverinen	MD.3277.USC2

CONFIRMATION NO. 7420

93582
ZIEGLER IP LAW GROUP, LLC.
55 GREENS FARMS ROAD
WESTPORT, CT 06880

POWER OF ATTORNEY NOTICE

OC000000125614798

Date Mailed: 05/18/2021

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/12/2021.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tlulu/

Petitioner Samsung Ex-1004, 1024

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Western District of Texas, Waco Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
6:22-cv-00478	5/11/2022	for the Western District of Texas, Waco Division

PLAINTIFF	DEFENDANT
ŌURA HEALTH OY	CIRCULAR SAS

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	10,893,833	1/19/2021	ŌURA HEALTH OY
2	10,842,429	11/24/2020	ŌURA HEALTH OY
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

ACKNOWLEDGEMENT OF LOSS OF ENTITLEMENT TO ENTITY STATUS DISCOUNT

APPLICATION #	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET #	REQUEST ID
15/835,573	12/08/2017	Teemu Haverinen	P004.01 (112434.0019)	132458

The entity status change request below filed through Patent Center on 12/01/2023 has been accepted.

Certifications

APPLICANT CHANGING TO REGULAR UNDISCOUNTED FEE STATUS

Signature

I certify, in accordance with 37 CFR 1.4(d)(4), that I am one of the signatories making the entity status change.

Signature	Name	Registration #
/Nathan J. Mutter/	Nathan Mutter	70107