		"20040088177" |					
		"20040092253" |					
		"20040093155" |					
		"20040098419" |					
		"20040109012" |					
		"20040111302" |					
		"20040117322" |					
		"20040122570" |					
		"20040122693" |					
		"20040128215" |					
		"20040135805" |					
		"20040138790" |					
		"20040139034" |					
		"20040139049" |					
		"20040145593" |					
		"20040146199" |					
		"20040148275" |					
		"20040148354" |					
		"20040153466" |					
		"20040157648" |					
		"20040158371" |					
		"20040158373" |					
		"20040158488" |					
		"20040162064" |					
		"20040166878" |					
		"20040167787" |					
		"20040172280" |					
		"20040186766" |					
		"20040210661" |					
		"20040212630" |					
		"20040215517" |					
		"20040215559" |					
		"20040217884" |					
		"20040217980" |					
		"20040220903" |					
		"20040220906" |					
		"20040230562" |					
		"20040236771" |					
		"20040243478" |					
		"20040257340" |					
		"20040260604" |					
		"20040260677" |					
		"20040265671" |					
		"20040267625" |					
		"20050015488" |					
		"20050018177" |					
		"20050021190" |					
		"20050021750" |					
		"20050027723" |					
		"20050034075" |					
		"20050035741" |					
		"20050044061" |					
		"20050044245" |					
		"20050049971" |					
		"20050055353" |					
		"20050086309" |					
		"20050091027" |					
		"20050091175" |					

		"20050091209" | "20050091604" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050110460" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174").PN. OR ("20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050225429" | "20050231119" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" |				

		"20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060026587" | "20060031684" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047584" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060059260" | "20060064431" | "20060066149" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060116132" | "20060120518" | "20060123053" | "20060125616" | "20060125620" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972").PN. OR ("20060182241" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060197677" |				

		"20060200384" | "20060212407" | "20060217199" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060282381" | "20060287783" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070046425" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070068714" | "20070078747" | "20070078772" | "20070099609" | "20070100480" | "20070105536" | "20070106627" |				

		"20070106672" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070126395" | "20070143482" | "20070150375" | "20070150603" | "20070156429" | "20070159522" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820").PN. OR ("20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070238491" | "20070239352" | "20070239552" | "20070239627" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070250617" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" |				

		"20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282495" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080016231" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080052145" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086411" | "20080086458" |					

		"20080091461" | "20080091723" | "20080091786" | "20080093445").PN. OR ("20080097904" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155008" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080180027" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080203973" | "20080208956" | "20080208969" | "20080215758" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228613" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" |					

		"20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080244060" | "20080250025" | "20080255722" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080275604" | "20080281663" | "20080281854" | "20080288277" | "20080288612" | "20080294283" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080312782" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473").PN. OR ("20090007195" | "20090011639" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090021213" | "20090021385" | "20090024740" | "20090029672" | "20090030712" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090031381" |				

		"20090043519" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090058355" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090066287" | "20090069034" | "20090069954" | "20090070334" | "20090070435" | "20090076913" | "20090077100" | "20090082957" | "20090091291" | "20090092864" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090144001" | "20090144151" | "20090157289" | "20090164473" | "20090171950" | "20090174365" | "20090177577" | "20090177580" | "20090177628" | "20090207004" | "20090210357" | "20090228305" | "20090237546" | "20090252383" | "20090254971" | "20090258642" | "20090271417" | "20090271524" | "20090279794" | "20090282353" | "20090284530" | "20090285492" | "20090287578" | "20090287682" | "20090299551" | "20090302998" | "20090304101" | "20090312903" | "20090313032" |				

		"20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100004818" | "20100011081" | "20100013434" | "20100017045" | "20100017249" | "20100023388" | "20100024045" | "20100037057" | "20100045452" | "20100049396" | "20100049533").PN. OR ("20100049610" | "20100049639" | "20100049737" | "20100051740" | "20100057306" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100112843" | "20100114469" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100191798" | "20100198508" | "20100198513" | "20100198684" | "20100211340" | "20100211643" | "20100214250" | "20100222939" | "20100231383" | "20100243794" | "20100255899" | "20100260426" | "20100268426" |				

		"20100275033" | "20100280956" | "20100304349" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110032110" | "20110040681" | "20110040692" | "20110041084" | "20110060480" | "20110061018" | "20110066588" | "20110066648" | "20110074350" | "20110074351" | "20110077809" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106329" | "20110106658" | "20110112969" | "20110112976" | "20110128144" | "20110130885" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110202426" | "20110219318" | "20110231268" | "20110246252" | "20110246258" | "20110254655" | "20110256895" | "20110258028" | "20110264692" | "20110279083").PN. OR ("20110291851" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120023196" | "20120025765" |					

		"20120028680" | "20120041624" | "20120047102" | "20120047448" | "20120053754" | "20120074903" | "20120077523" | "20120084289" | "20120096098" | "20120105197" | "20120123667" | "20120123670" | "20120126974" | "20120136743" | "20120136802" | "20120138732" | "20120151569" | "20120158244" | "20120163206" | "20120166935" | "20120179323" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120218128" | "20120221470" | "20120224076" | "20120229056" | "20120229085" | "20120232958" | "20120232965" | "20120233077" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120262002" | "20120264447" | "20120268068" | "20120268076" | "20120268242" | "20120270567" | "20120278743" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120324018" | "20120330494" | "20120331002" | "20130002876" | "20130005307" | "20130020139" | "20130021162" |				

		"20130024108" | "20130031318" | "20130036458" | "20130037339" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130099892" | "20130103236" | "20130103437" | "20130105635" | "20130110296" | "20130110631" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130151455" | "20130159127" | "20130179057").PN. OR ("20130204437" | "20130204466" | "20130241720" | "20130253746" | "20130254670" | "20130280018" | "20130282842" | "20130297589" | "20130300554" | "20130301405" | "20130303197" | "20130317693" | "20130317694" | "20130317999" | "20130325325" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140032034" | "20140040179" | "20140042968" | "20140047107" | "20140066049" | "20140067167" | "20140067704" | "20140067938" | "20140074736" |				

		"20140076642" | "20140081450" | "20140087780" | "20140089016" | "20140095293" | "20140100900" | "20140106726" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140118107" | "20140120829" | "20140122295" | "20140123246" | "20140123247" | "20140125355" | "20140130140" | "20140135039" | "20140136214" | "20140136328" | "20140136414" | "20140136624" | "20140142783" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140163771" | "20140163774" | "20140164126" | "20140164559" | "20140165091" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140204360" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140222298" | "20140222908" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140254896" | "20140277834" | "20140277936" | "20140278089" | "20140300739" | "20140316243" | "20140337160" |				

		"2035218" | "3253806" | "3556438" | "3690397" | "3762669" | "3799063" | "3867682").PN. OR ("4052655" | "4102273" | "4119163" | "4132174" | "4161843" | "4162445" | "4309644" | "4347472" | "4375354" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4556198" | "4779203" | "4789047" | "4815840" | "4914605" | "4996468" | "5006988" | "5032989" | "5049802" | "5050844" | "5121112" | "5132666" | "5184058" | "5199686" | "5202617" | "5208750" | "5297664" | "5306999" | "5315227" | "5325294" | "5327066" | "5343970" | "5372211" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5521817" | "5548200" | "5549443" | "5555502" | "5563491" | "5572449" | "5577567" | "5581630" | "5584025" | "5585205" | "5590062" | "5594318" | "5595271" | "5596258" | "5612606" | "5617319" | "5627752" | "5630103" | "5636145" | "5642270" | "5666102" | "5671342" | "5691695" | "5694019" | "5701706" | "5720363" | "5736833" | "5751245" | "5760569" | "5774133" | "5778326" | "5790976" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5892598" | "5903721" | "5904214" | "5905499" | "5907322" | "5916285" | "5917407" | "5926765" | "5930474" | "5937413" | "5940806" | "5974136" | "5991737" | "5991750" | "5993351" | "5998963" | "6014597" | "6024288"					

		| "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6048289" | "6049745" | "6049778" | "6053842" | "6059263" | "6061660" | "6067008" | "6073138" | "6078906" | "6081205" | "6085131").PN. OR ("6088702" | "6092076" | "6092105" | "6101484" | "6104160" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6151539" | "6175789" | "6175831" | "6199076" | "6225776" | "6226624" | "6229533" | "6234932" | "6236333" | "6236990" | "6252380" | "6267292" | "6269369" | "6285931" | "6301531" | "6307349" | "6308177" | "6310542" | "6317718" | "6330497" | "6330499" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6370475" | "6373380" | "6381537" | "6401085" | "6405123" | "6408307" | "6416209" | "6429773" | "6434465" | "6445983" | "6453339" | "6456041" | "6466658" | "6470268" | "6480767" | "6480885" | "6487477" | "6487583" | "6498454" | "6498982" | "6505780" | "6507776" | "6511192" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6586866" | "6587787" | "6597983" | "6600418" | "6611751" | "6614204" | "6615039" | "6622086" | "6629024" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6680547" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6727809" | "6728635"				

		| "6741036" | "6741920" | "6745196" | "6750881" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6850898" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6915869" | "6918576" | "6922629" | "6924750" | "6925368" | "6926233").PN. OR ("6931419" | "6937140" | "6940254" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013205" | "7013292" | "7024397" | "7024455" | "7038681" | "7039389" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7084781" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7171199" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7201384" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269416" | "7269590" | "7272407" | "7289611" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7376497" | "7379541" | "7383251" | "7386542" | "7389210" | "7402978" | "7412446" | "7424438" | "7424541"				

		| "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7496947" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7532965" | "7539557" | "7548491" | "7561169" | "7561950" | "7562023" | "7565396" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795").PN. OR ("7599935" | "7617048" | "7630802" | "7636687" | "7640204" | "7650210" | "7658346" | "7668405" | "7669123" | "7674536" | "7680673" | "7680859" | "7683771" | "7693609" | "7693953" | "7698078" | "7702545" | "7725492" | "7734254" | "7740092" | "7751945" | "7751971" | "7761789" | "7778746" | "7792815" | "7796052" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7850351" | "7853518" | "7853563" | "7860889" | "7869576" | "7870199" | "7873471" | "7881864" | "7885893" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7925265" | "7933808" | "7933810" | "7945653" | "7949435" | "7949714" | "7956570" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7979198" | "7980808" | "7986126" | "7991665" | "7991703" | "7996109"				

		| "7996270" | "8006793" | "8010230" | "8027843" | "8027943" | "8036788" | "8046309" | "8050815" | "8051089" | "8054048" | "8060389" | "8060555" | "8064590" | "8065291" | "8072318" | "8073907" | "8095430" | "8103391" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229160" | "8229470" | "8249943" | "8256553" | "8262268" | "8265816" | "8266075" | "8271057").PN. OR ("8275546" | "8290943" | "8292215" | "8294420" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8333492" | "8336664" | "8346677" | "8350526" | "8352183" | "8358811" | "8364757" | "8366371" | "8370003" | "8370030" | "8380382" | "8380638" | "8391789" | "8391909" | "8392065" | "8401771" | "8402094" | "8402372" | "8405347" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8482255" | "8483775" | "8483907" | "8490005" | "8493849" | "8504284" | "8504512" | "8508188" | "8510268" | "8521599" | "8521656" | "8527135" | "8527146" | "8538458" | "8543143" | "8543323" | "8548493" | "8552686" | "8554770" | "8554852" | "8560515" | "8584091" | "8589019" | "8589330" | "8594715"				

		| "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8624719" | "8626699" | "8627506" | "8630741" | "8635015" | "8635091" | "8643329" | "8649976" | "8650103" | "8655873" | "8660541" | "8660734" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8686864" | "8688594" | "8694328" | "8694605" | "8695919" | "8706297" | "8706394" | "8712441" | "8713055" | "8713121" | "8713143" | "8717170" | "8718910" | "8723679" | "8725551" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8751065" | "8751271" | "8760432" | "8775405" | "8794566" | "8799037" | "8799253" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8825226" | "8832556").PN. OR ("8836281" | "8977408" | "D710454").PN. OR ("2007/0207789" | "2011/0060480" | "2012/0087634" | "2014/0309862" | "2014/0310031" | "2014/0310788" | "2015/0203125" | "6155954" | "7006986" | "8050815" | "8209436" | "8463488" | "8768313" | "9171268" | "9229905" | "9372607" | "9373149" | "9684911").URPN.				
L739	3730	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) near4 (module program engine) AND (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		volume (seat chair) near2 (position setting reclin$4))					
L740	1961	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L741	112	(user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L742	14	((user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L743	108	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)					
L744	84	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) Near10 (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L745	1294444	(B60L53/665 OR B60L53/68 OR B60W40/08 OR G06F17/00 OR G06Q10/10 OR G06Q10/20 OR G06Q20/18 OR G06Q20/325 OR G06Q30/00 OR G06Q30/0643 OR G06Q30/0645 OR G06Q50/06 OR G07F15/005 OR H04L67/06 OR H04L67/10 OR H04L67/306 OR H04W4/02 OR H04W4/029 OR B60L2240/70 OR B60L2250/12 OR B60L2250/16 OR B60L2250/20 OR B60W2040/0809 OR Y02T10/70 OR Y02T10/7072 OR Y02T10/72 OR Y02T90/12 OR Y02T90/14 OR Y02T90/16 OR Y02T90/167 OR Y04S30/14 OR G06Q20/308 OR Y02T90/169).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L746	45	L151 AND L149	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L747	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L748	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L749	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L750	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L751	98	(L4 L3) and L2	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L752	225	(L4 L3) and L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L753	41	L6 and L5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L754	54364	(vehicle near10 (biometric face fingerprint voice) ner10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L755	63	L8 and L1 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L756	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L757	33	"8050815"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L758	1	("8050815").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L759	104	vehicle near10 (biometric face fingerprint voice)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 11:28 AM

		near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	IBM_TDB)				
L760	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L761	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L762	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L763	98	L16 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L764	57	L16 and (L3 L4) not L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L765	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		account) near10 vehicle near10 (settings preferences)).clm.					
L766	1813	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030144005" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581").PN. OR ("20040044454" | "20040054428" | "20040056762" | "20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" |				

		"20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" | "20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" |				

		"20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550").PN. OR ("20050219044" | "20050225429" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" |				

		"20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182").PN, OR ("20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" |					

		"20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" | "20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" |				

		"20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080020814" | "20080032666").PN. OR ("20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" |				

		"20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" |				

		"20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366").PN. OR ("20080270615" | "20080270945" | "20080275604" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473" | "20090007195" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" | "20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" |					

		"20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090207004" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383").PN. OR ("20100243794" | "20100255899" | "20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" |					

		"20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" | "20120123667" | "20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" |				

		"20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179").PN. OR ("20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" | "20140100900" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" |					

		"4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5903721" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "5991750" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" | "6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6226624" | "6229533").PN. OR ("6236990" | "6267292" | "6269369" | "6308177" | "6310542" | "6317718" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6429773" | "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6505780" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601"					

		| "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6741920" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6924750" | "6925368" | "6926233" | "6931419" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7209803").PN. OR ("7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970"				

		| "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7561950" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089" | "8060389" | "8060555" | "8064590").PN. OR ("8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546"					

		| "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "8794566" | "8799253" | "8825226" | "8832556" | "D710454").PN. OR ("2014/0309862" | "2014/0310031" | "2014/0310788" | "7006986" | "8050815" | "9373149").URPN.					
L767	1453	("20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" |	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		"20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" |				

		"20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" |				

		"20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" |				

		"20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" |				

		"6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.				
L768	483	L21 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L769	2	L22 and L16	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L770	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L771	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L772	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L773	212768	(Y02T90/121 or	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

		Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L774	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L775	57	L31 and (L29 L30) not L28	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L776	98	L31 and (L29 L30)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L777	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L778	1	("20110060480").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L779	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L780	147	("2011/0060480").URPN.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L781	143313	(B60L53/665 or H04W4/02 or H04W4/029 or	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM

		B60L53/68 or B60W40/08 or H04L67/06 or H04L67/10 or H04L67/306 or G06Q10/10 or G06Q10/20 or G06Q20/18 or G06Q30/00 or G06Q30/0643 or G06Q30/0645 or G06Q50/06 or G07F15/005 or G06F17/00 or G06Q20/325 or Y02T10/70 or Y02T10/72 or Y02T10/7072 or Y02T90/12 or Y02T90/167 or Y04S30/14 or B60L2240/70 or B60L2250/12 or B60L2250/16 or B60L2250/20 or B60W2040/0809 or Y02T90/16 or Y02T90/14 or G06Q20/308 or Y02T90/169).cpc.					
L782	229	(transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L783	9	L40 and L37	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L784	101	L40 and L39	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L785	38	((transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM

		air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.					
L786	113	((transfer$4 sending sent receiv$4 transc$4) and (user driver) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L787	10687	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) and (user driver customer profile) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L788	779	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) same2 (user driver customer profile) near4 (verify verification identifier) same2 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L789	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting)) and (user driver customer profile) near4 (verify verification identifier)					
L790	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L791	43299	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customervehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L792	47292	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		identifier)					
L793	70868	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L794	12785	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L795	60429	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L796	1958	L52 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L797	15	L52 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L798	1169	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		driver customer profile) near4 (verify verification identifier)					
L799	6354	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L800	7269	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L801	2129	L58 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L802	129	L58 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L803	2325	(vehicle truck car automobile) Same (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L804	216	((vehicle truck car automobile) and (transfer$4 sending	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 11:28 AM

		sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	IBM_TDB)				
L805	72	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).ab.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L806	922	L61 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L807	578	(vehicle truck car automobile) Same (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L808	59	((vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.					
L809	2786	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) with (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L810	1809	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L811	422	L68 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L812	126	L68 and L61	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L813	332	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L814	5	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		volume (seat chair) near2 (position setting reclin$4))).clm.					
L815	465	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L816	2826	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020064258" | "20020065691" | "20020065739" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020085043" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020102966" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133273" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030065805" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030137277" | "20030144005" | "20030145093" | "20030149617" | "20030153278" | "20030154020" | "20030154213" | "20030158668" | "20030162523" |				

		"20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030204290" | "20030205619" | "20030218253" | "20030220807" | "20030220835").PN. OR ("20030222918" | "20030225632" | "20030225833" | "20030234325" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581" | "20040044454" | "20040046506" | "20040054428" | "20040054561" | "20040056762" | "20040059471" | "20040064235" | "20040078655" | "20040088177" | "20040092253" | "20040093155" | "20040098419" | "20040109012" | "20040111302" | "20040117322" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" |				

		"20040212630" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040265671" | "20040267625" | "20050015488" | "20050018177" | "20050021190" | "20050021750" | "20050027723" | "20050034075" | "20050035741" | "20050044061" | "20050044245" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050091604" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050110460" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174").PN. OR ("20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" |				

		"20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050225429" | "20050231119" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060026587" | "20060031684" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047584" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060059260" | "20060064431" | "20060066149" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" |				

		"20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060116132" | "20060120518" | "20060123053" | "20060125616" | "20060125620" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972").PN. OR ("20060182241" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060197677" | "20060200384" | "20060212407" | "20060217199" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060282381" | "20060287783" |				

		"20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070046425" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070068714" | "20070078747" | "20070078772" | "20070099609" | "20070100480" | "20070105536" | "20070106627" | "20070106672" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070126395" | "20070143482" | "20070150375" | "20070150603" | "20070156429" | "20070159522" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820").PN. OR ("20070207755" | "20070208613" |				

		"20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070238491" | "20070239352" | "20070239552" | "20070239627" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070250617" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282495" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080016231" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" |				

		"20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080052145" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086411" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080093445").PN. OR ("20080097904" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155008" | "20080155019" | "20080162027" | "20080162211" |				

		"20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080180027" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080203973" | "20080208956" | "20080208969" | "20080215758" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228613" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080244060" | "20080250025" | "20080255722" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080275604" | "20080281663" | "20080281854" | "20080288277" | "20080288612" | "20080294283" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" |				

		"20080307053" | "20080307066" | "20080307320" | "20080312782" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473").PN. OR ("20090007195" | "20090011639" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090021213" | "20090021385" | "20090024740" | "20090029672" | "20090030712" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090031381" | "20090043519" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090058355" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090066287" | "20090069034" | "20090069954" | "20090070334" | "20090070435" | "20090076913" | "20090077100" | "20090082957" | "20090091291" | "20090092864" | "20090102644" | "20090119275" | "20090132504" | "20090132644" |				

		"20090144001" | "20090144151" | "20090157289" | "20090164473" | "20090171950" | "20090174365" | "20090177577" | "20090177580" | "20090177628" | "20090207004" | "20090210357" | "20090228305" | "20090237546" | "20090252383" | "20090254971" | "20090258642" | "20090271417" | "20090271524" | "20090279794" | "20090282353" | "20090284530" | "20090285492" | "20090287578" | "20090287682" | "20090299551" | "20090302998" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100004818" | "20100011081" | "20100013434" | "20100017045" | "20100017249" | "20100023388" | "20100024045" | "20100037057" | "20100045452" | "20100049396" | "20100049533").PN. OR ("20100049610" | "20100049639" | "20100049737" | "20100051740" | "20100057306" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" |				

		"20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100112843" | "20100114469" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100191798" | "20100198508" | "20100198513" | "20100198684" | "20100211340" | "20100211643" | "20100214250" | "20100222939" | "20100231383" | "20100243794" | "20100255899" | "20100260426" | "20100268426" | "20100275033" | "20100280956" | "20100304349" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110032110" | "20110040681" | "20110040692" | "20110041084" | "20110060480" | "20110061018" | "20110066588" | "20110066648" | "20110074350" | "20110074351" | "20110077809" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106329" | "20110106658" | "20110112969" | "20110112976" |				

		"20110128144" | "20110130885" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110202426" | "20110219318" | "20110231268" | "20110246252" | "20110246258" | "20110254655" | "20110256895" | "20110258028" | "20110264692" | "20110279083").PN. OR ("20110291851" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120023196" | "20120025765" | "20120028680" | "20120041624" | "20120047102" | "20120047448" | "20120053754" | "20120074903" | "20120077523" | "20120084289" | "20120096098" | "20120105197" | "20120123667" | "20120123670" | "20120126974" | "20120136743" | "20120136802" | "20120138732" | "20120151569" | "20120158244" | "20120163206" | "20120166935" | "20120179323" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120218128" | "20120221470" | "20120224076" | "20120229056" |				

		"20120229085" | "20120232958" | "20120232965" | "20120233077" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120262002" | "20120264447" | "20120268068" | "20120268076" | "20120268242" | "20120270567" | "20120278743" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120324018" | "20120330494" | "20120331002" | "20130002876" | "20130005307" | "20130020139" | "20130021162" | "20130024108" | "20130031318" | "20130036458" | "20130037339" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130099892" | "20130103236" | "20130103437" | "20130105635" | "20130110296" | "20130110631" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130151455" | "20130159127" | "20130179057").PN. OR ("20130204437" |					

		"20130204466" | "20130241720" | "20130253746" | "20130254670" | "20130280018" | "20130282842" | "20130297589" | "20130300554" | "20130301405" | "20130303197" | "20130317693" | "20130317694" | "20130317999" | "20130325325" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140032034" | "20140040179" | "20140042968" | "20140047107" | "20140066049" | "20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140089016" | "20140095293" | "20140100900" | "20140106726" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140118107" | "20140120829" | "20140122295" | "20140123246" | "20140123247" | "20140125355" | "20140130140" | "20140135039" | "20140136214" | "20140136328" | "20140136414" | "20140136624" | "20140142783" | "20140142848" | "20140143061" | "20140149244" | "20140149508" |				

		"20140163771" | "20140163774" | "20140164126" | "20140164559" | "20140165091" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140204360" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140222298" | "20140222908" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140254896" | "20140277834" | "20140277936" | "20140278089" | "20140300739" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3690397" | "3762669" | "3799063" | "3867682").PN. OR ("4052655" | "4102273" | "4119163" | "4132174" | "4161843" | "4162445" | "4309644" | "4347472" | "4375354" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4556198" | "4779203" | "4789047" | "4815840" | "4914605" | "4996468" | "5006988" | "5032989" | "5049802" | "5050844" | "5121112" | "5132666" | "5184058" | "5199686" | "5202617" | "5208750" | "5297664" | "5306999" | "5315227" | "5325294" | "5327066" | "5343970" | "5372211" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5521817" | "5548200" | "5549443" | "5555502" | "5563491"					

		"5572449" | "5577567" | "5581630" | "5584025" | "5585205" | "5590062" | "5594318" | "5595271" | "5596258" | "5612606" | "5617319" | "5627752" | "5630103" | "5636145" | "5642270" | "5666102" | "5671342" | "5691695" | "5694019" | "5701706" | "5720363" | "5736833" | "5751245" | "5760569" | "5774133" | "5778326" | "5790976" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5892598" | "5903721" | "5904214" | "5905499" | "5907322" | "5916285" | "5917407" | "5926765" | "5930474" | "5937413" | "5940806" | "5974136" | "5991737" | "5991750" | "5993351" | "5998963" | "6014597" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6048289" | "6049745" | "6049778" | "6053842" | "6059263" | "6061660" | "6067008" | "6073138" | "6078906" | "6081205" | "6085131").PN. OR ("6088702" | "6092076" | "6092105" | "6101484" | "6104160" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6151539" | "6175789" | "6175831" | "6199076" | "6225776" | "6226624" | "6229533" | "6234932" | "6236333" | "6236990" | "6252380" | "6267292" | "6269369" | "6285931" | "6301531" | "6307349" | "6308177" | "6310542" | "6317718" | "6330497" | "6330499" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6370475" | "6373380" | "6381537" | "6401085"					

		| "6405123" | "6408307" | "6416209" | "6429773" | "6434465" | "6445983" | "6453339" | "6456041" | "6466658" | "6470268" | "6480767" | "6480885" | "6487477" | "6487583" | "6498454" | "6498982" | "6505780" | "6507776" | "6511192" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6586866" | "6587787" | "6597983" | "6600418" | "6611751" | "6614204" | "6615039" | "6622086" | "6629024" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6680547" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6727809" | "6728635" | "6741036" | "6741920" | "6745196" | "6750881" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6850898" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6915869" | "6918576" | "6922629" | "6924750" | "6925368" | "6926233").PN. OR ("6931419" | "6937140" | "6940254" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013205" | "7013292" | "7024397" | "7024455" | "7038681" | "7039389" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409"				

		| "7076741" | "7079943" | "7080019" | "7080096" | "7084781" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7171199" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7201384" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269416" | "7269590" | "7272407" | "7289611" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7376497" | "7379541" | "7383251" | "7386542" | "7389210" | "7402978" | "7412446" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7496947" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7532965" | "7539557" | "7548491" | "7561169" | "7561950" | "7562023" | "7565396" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795").PN. OR ("7599935" | "7617048" | "7630802" | "7636687" | "7640204" | "7650210" | "7658346" | "7668405" | "7669123" | "7674536" | "7680673" | "7680859" | "7683771" | "7693609" | "7693953" | "7698078" | "7702545" | "7725492" | "7734254" | "7740092"					

| "7751945" | "7751971"
| "7761789" | "7778746"
| "7792815" | "7796052"
| "7797256" | "7801542"
| "7802290" | "7808378"
| "7809709" | "7809805"
| "7810037" | "7812717"
| "7823073" | "7827052"
| "7827120" | "7827208"
| "7827265" | "7831917"
| "7840224" | "7840319"
| "7840558" | "7848765"
| "7850351" | "7853518"
| "7853563" | "7860889"
| "7869576" | "7870199"
| "7873471" | "7881864"
| "7885893" | "7886024"
| "7894933" | "7894939"
| "7894981" | "7904366"
| "7913179" | "7925265"
| "7933808" | "7933810"
| "7945653" | "7949435"
| "7949714" | "7956570"
| "7958011" | "7961986"
| "7962281" | "7966567"
| "7969606" | "7970657"
| "7979198" | "7980808"
| "7986126" | "7991665"
| "7991703" | "7996109"
| "7996270" | "8006793"
| "8010230" | "8027843"
| "8027943" | "8036788"
| "8046309" | "8050815"
| "8051089" | "8054048"
| "8060389" | "8060555"
| "8064590" | "8065291"
| "8072318" | "8073907"
| "8095430" | "8103391"
| "8103734" | "8107879"
| "8108501" | "8112419"
| "8117486" | "8136145"
| "8139514" | "8145661"
| "8145703" | "8149113"
| "8167234" | "8171128"
| "8190357" | "8190476"
| "8195601" | "8195744"
| "8204624" | "8204776"
| "8204952" | "8223012"
| "8225376" | "8229160"
| "8229470" | "8249943"
| "8256553" | "8262268"
| "8265816" | "8266075"
| "8271057").PN. OR
("8275546" | "8290943"
| "8292215" | "8294420"
| "8296373" | "8301743"
| "8315389" | "8326091"
| "8326315" | "8328130"

		| "8333492" | "8336664" | "8346677" | "8350526" | "8352183" | "8358811" | "8364757" | "8366371" | "8370003" | "8370030" | "8380382" | "8380638" | "8391789" | "8391909" | "8392065" | "8401771" | "8402094" | "8402372" | "8405347" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8482255" | "8483775" | "8483907" | "8490005" | "8493849" | "8504284" | "8504512" | "8508188" | "8510268" | "8521599" | "8521656" | "8527135" | "8527146" | "8538458" | "8543143" | "8543323" | "8548493" | "8552686" | "8554770" | "8554852" | "8560515" | "8584091" | "8589019" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8624719" | "8626699" | "8627506" | "8630741" | "8635015" | "8635091" | "8643329" | "8649976" | "8650103" | "8655873" | "8660541" | "8660734" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8686864" | "8688594" | "8694328" | "8694605" | "8695919" | "8706297" | "8706394" | "8712441" | "8713055" | "8713121" | "8713143" | "8717170" | "8718910" | "8723679" | "8725551" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8751065" | "8751271" | "8760432" | "8775405" | "8794566" | "8799037" | "8799253" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8825226" | "8832556").PN. OR				

		("8836281" | "8977408" | "D710454").PN. OR ("2007/0207789" | "2011/0060480" | "2012/0087634" | "2014/0309862" | "2014/0310031" | "2014/0310788" | "2015/0203125" | "6155954" | "7006986" | "8050815" | "8209436" | "8463488" | "8768313" | "9171268" | "9229905" | "9372607" | "9373149" | "9684911").URPN.					
L817	266	(((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L818	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L819	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L820	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L821	98	(L4 L3) and L2	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L822	225	(L4 L3) and L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L823	41	L6 and L5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L824	54364	(vehicle near10 (biometric face fingerprint voice) ner10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L825	63	L8 and L1 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L826	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.					
L827	33	"8050815"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L828	1	("8050815").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L829	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L830	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L831	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L832	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L833	98	L16 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L834	57	L16 and (L3 L4) not L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L835	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L836	1813	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030144005" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581").PN. OR ("20040044454" | "20040054428" | "20040056762" |				

		"20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" | "20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050114527" | "20050114759" | "20050114783" |				

		"20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550").PN. OR ("20050219044" | "20050225429" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" |				

		"20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" |					

		"20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182").PN, OR ("20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" | "20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" |				

		"20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080020814" | "20080032666").PN. OR ("20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" |				

		"20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" |				

		"20080222308" | "20080223646" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366").PN. OR ("20080270615" | "20080270945" | "20080275604" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473" | "20090007195" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" |				

		"20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" | "20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090207004" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383").PN. OR ("20100243794" | "20100255899" |					

		"20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" | "20120123667" | "20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" |				

		"20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179").PN. OR ("20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" | "20140100900" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244" |					

		"20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" | "4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5903721" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "5991750" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" | "6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6226624" | "6229533").PN. OR ("6236990" | "6267292" | "6269369" | "6308177" | "6310542" | "6317718" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6429773"					

		| "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6505780" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6741920" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6924750" | "6925368" | "6926233" | "6931419" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7209803").PN. OR ("7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647"				

		| "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7561950" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089"				

		| "8060389" | "8060555" | "8064590").PN. OR ("8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546" | "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "8794566" | "8799253" | "8825226"				

		| "8832556" | "D710454").PN. OR ("2014/0309862" | "2014/0310031" | "2014/0310788" | "7006986" | "8050815" | "9373149").URPN.					
L837	1453	("20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" | "20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" |	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		"20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" |				

		"20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" |				

		"20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" |				

		"5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328"					

		| "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.					
L838	483	L21 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L839	2	L22 and L16	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L840	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L841	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L842	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L843	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L844	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L845	57	L31 and (L29 L30) not L28	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L846	98	L31 and (L29 L30)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L847	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		account) near10 vehicle near10 (settings preferences)).clm.					
L848	1	("20110060480").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L849	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L850	147	("2011/0060480").URPN.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L851	143313	(B60L53/665 or H04W4/02 or H04W4/029 or B60L53/68 or B60W40/08 or H04L67/06 or H04L67/10 or H04L67/306 or G06Q10/10 or G06Q10/20 or G06Q20/18 or G06Q30/00 or G06Q30/0643 or G06Q30/0645 or G06Q50/06 or G07F15/005 or G06F17/00 or G06Q20/325 or Y02T10/70 or Y02T10/72 or Y02T10/7072 or Y02T90/12 or Y02T90/167 or Y04S30/14 or B60L2240/70 or B60L2250/12 or B60L2250/16 or B60L2250/20 or B60W2040/0809 or Y02T90/16 or Y02T90/14 or G06Q20/308 or Y02T90/169).cpc.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L852	229	(transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM

		(position setting))					
L853	9	L40 and L37	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L854	101	L40 and L39	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L855	38	((transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L856	113	((transfer$4 sending sent receiv$4 transc$4) and (user driver) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L857	10687	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) and (user driver customer profile) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L858	779	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) same2 (user driver customer profile) near4 (verify verification	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		identifier) same2 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))					
L859	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L860	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L861	43299	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customervehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L862	47292	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L863	70868	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L864	12785	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L865	60429	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L866	1958	L52 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L867	15	L52 and L37	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L868	1169	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L869	6354	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L870	7269	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L871	2129	L58 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L872	129	L58 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L873	2325	(vehicle truck car automobile) Same (transfer$4 sending sent receiv$4 transc$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)					
L874	216	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L875	72	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).ab.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L876	922	L61 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L877	578	(vehicle truck car automobile) Same (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)					
L878	59	((vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L879	2786	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) with (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L880	1809	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L881	422	L68 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L882	126	L68 and L61	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L883	332	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L884	5	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))).clm.					
L885	465	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L886	2826	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020064258" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020085043" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020102966" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133273" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" |					

		"20030065716" | "20030065805" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030137277" | "20030144005" | "20030145093" | "20030149617" | "20030153278" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030204290" | "20030205619" | "20030218253" | "20030220807" | "20030220835").PN. OR ("20030222918" | "20030225632" | "20030225833" | "20030234325" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581" | "20040044454" | "20040046506" | "20040054428" | "20040054561" | "20040056762" | "20040059471" | "20040064235" | "20040078655" | "20040088177" | "20040092253" | "20040093155" | "20040098419" | "20040109012" | "20040111302" | "20040117322" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034"					

		"20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040212630" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040265671" | "20040267625" | "20050015488" | "20050018177" | "20050021190" | "20050021750" | "20050027723" | "20050034075" | "20050035741" | "20050044061" | "20050044245" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050091604" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050110460" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" |				

		"20050137015" | "20050143174").PN. OR ("20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050225429" | "20050231119" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060026587" | "20060031684" | "20060036588" | "20060036748" | "20060041543" |				

		"20060042483" | "20060047584" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060059260" | "20060064431" | "20060066149" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060116132" | "20060120518" | "20060123053" | "20060125616" | "20060125620" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972").PN, OR ("20060182241" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060197677" | "20060200384" | "20060212407" | "20060217199" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" |				

		"20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060282381" | "20060287783" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070046425" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070068714" | "20070078747" | "20070078772" | "20070099609" | "20070100480" | "20070105536" | "20070106627" | "20070106672" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070126395" | "20070143482" | "20070150375" | "20070150603" | "20070156429" | "20070159522" | "20070159651" |				

		"20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820").PN. OR ("20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070238491" | "20070239352" | "20070239552" | "20070239627" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070250617" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282495" | "20070282621" | "20070282987" | "20070288164" | "20070288311" |				

		"20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080016231" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080052145" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086411" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080093445").PN. OR ("20080097904" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" |				

		"20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155008" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080180027" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080203973" | "20080208956" | "20080208969" | "20080215758" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228613" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080244060" | "20080250025" | "20080255722" | "20080255759" | "20080256230" | "20080263460" | "20080269979" |				

		"20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080275604" | "20080281663" | "20080281854" | "20080288277" | "20080288612" | "20080294283" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080312782" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473").PN. OR ("20090007195" | "20090011639" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090021213" | "20090021385" | "20090024740" | "20090029672" | "20090030712" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090031381" | "20090043519" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090058355" | "20090061883" | "20090063252" | "20090063467" | "20090063500" |					

		"20090064011" | "20090064144" | "20090066287" | "20090069034" | "20090069954" | "20090070334" | "20090070435" | "20090076913" | "20090077100" | "20090082957" | "20090091291" | "20090092864" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090144001" | "20090144151" | "20090157289" | "20090164473" | "20090171950" | "20090174365" | "20090177577" | "20090177580" | "20090177628" | "20090207004" | "20090210357" | "20090228305" | "20090237546" | "20090252383" | "20090254971" | "20090258642" | "20090271417" | "20090271524" | "20090279794" | "20090282353" | "20090284530" | "20090285492" | "20090287578" | "20090287682" | "20090299551" | "20090302998" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100004818" | "20100011081" | "20100013434" | "20100017045" | "20100017249" | "20100023388" | "20100024045" | "20100037057" |				

		"20100045452" | "20100049396" | "20100049533").PN. OR ("20100049610" | "20100049639" | "20100049737" | "20100051740" | "20100057306" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100112843" | "20100114469" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100191798" | "20100198508" | "20100198513" | "20100198684" | "20100211340" | "20100211643" | "20100214250" | "20100222939" | "20100231383" | "20100243794" | "20100255899" | "20100260426" | "20100268426" | "20100275033" | "20100280956" | "20100304349" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110032110" | "20110040681" | "20110040692" | "20110041084" | "20110060480" | "20110061018" |				

		"20110066588" | "20110066648" | "20110074350" | "20110074351" | "20110077809" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106329" | "20110106658" | "20110112969" | "20110112976" | "20110128144" | "20110130885" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110202426" | "20110219318" | "20110231268" | "20110246252" | "20110246258" | "20110254655" | "20110256895" | "20110258028" | "20110264692" | "20110279083").PN. OR ("20110291851" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120023196" | "20120025765" | "20120028680" | "20120041624" | "20120047102" | "20120047448" | "20120053754" | "20120074903" | "20120077523" | "20120084289" | "20120096098" | "20120105197" | "20120123667" | "20120123670" | "20120126974" |				

		"20120136743" |					
		"20120136802" |					
		"20120138732" |					
		"20120151569" |					
		"20120158244" |					
		"20120163206" |					
		"20120166935" |					
		"20120179323" |					
		"20120179552" |					
		"20120191606" |					
		"20120191797" |					
		"20120209775" |					
		"20120218128" |					
		"20120221470" |					
		"20120224076" |					
		"20120229056" |					
		"20120229085" |					
		"20120232958" |					
		"20120232965" |					
		"20120233077" |					
		"20120239483" |					
		"20120239520" |					
		"20120246024" |					
		"20120254774" |					
		"20120259688" |					
		"20120262002" |					
		"20120264447" |					
		"20120268068" |					
		"20120268076" |					
		"20120268242" |					
		"20120270567" |					
		"20120278743" |					
		"20120280654" |					
		"20120296512" |					
		"20120303397" |					
		"20120306445" |					
		"20120310713" |					
		"20120316671" |					
		"20120324018" |					
		"20120330494" |					
		"20120331002" |					
		"20130002876" |					
		"20130005307" |					
		"20130020139" |					
		"20130021162" |					
		"20130024108" |					
		"20130031318" |					
		"20130036458" |					
		"20130037339" |					
		"20130041761" |					
		"20130041862" |					
		"20130054317" |					
		"20130055163" |					
		"20130068876" |					
		"20130072114" |					
		"20130073375" |					
		"20130073474" |					
		"20130080217" |					

		"20130099892" | "20130103236" | "20130103437" | "20130105635" | "20130110296" | "20130110631" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130151455" | "20130159127" | "20130179057").PN. OR ("20130204437" | "20130204466" | "20130241720" | "20130253746" | "20130254670" | "20130280018" | "20130282842" | "20130297589" | "20130300554" | "20130301405" | "20130303197" | "20130317693" | "20130317694" | "20130317999" | "20130325325" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140032034" | "20140040179" | "20140042968" | "20140047107" | "20140066049" | "20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140089016" | "20140095293" | "20140100900" | "20140106726" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140118107" |				

		"20140120829" | "20140122295" | "20140123246" | "20140123247" | "20140125355" | "20140130140" | "20140135039" | "20140136214" | "20140136328" | "20140136414" | "20140136624" | "20140142783" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140163771" | "20140163774" | "20140164126" | "20140164559" | "20140165091" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140204360" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140222298" | "20140222908" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140254896" | "20140277834" | "20140277936" | "20140278089" | "20140300739" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3690397" | "3762669" | "3799063" | "3867682").PN. OR ("4052655" | "4102273" | "4119163" | "4132174" | "4161843" | "4162445" | "4309644" | "4347472" | "4375354" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4556198" | "4779203" | "4789047"					

| "4815840" | "4914605"
| "4996468" | "5006988"
| "5032989" | "5049802"
| "5050844" | "5121112"
| "5132666" | "5184058"
| "5199686" | "5202617"
| "5208750" | "5297664"
| "5306999" | "5315227"
| "5325294" | "5327066"
| "5343970" | "5372211"
| "5422624" | "5434781"
| "5441122" | "5449995"
| "5487002" | "5488283"
| "5492190" | "5521817"
| "5548200" | "5549443"
| "5555502" | "5563491"
| "5572449" | "5577567"
| "5581630" | "5584025"
| "5585205" | "5590062"
| "5594318" | "5595271"
| "5596258" | "5612606"
| "5617319" | "5627752"
| "5630103" | "5636145"
| "5642270" | "5666102"
| "5671342" | "5691695"
| "5694019" | "5701706"
| "5720363" | "5736833"
| "5751245" | "5760569"
| "5774133" | "5778326"
| "5790976" | "5793028"
| "5794207" | "5805719"
| "5805810" | "5819269"
| "5826244" | "5826245"
| "5831664" | "5835896"
| "5838812" | "5852810"
| "5870723" | "5883810"
| "5892598" | "5903721"
| "5904214" | "5905499"
| "5907322" | "5916285"
| "5917407" | "5926765"
| "5930474" | "5937413"
| "5940806" | "5974136"
| "5991737" | "5991750"
| "5993351" | "5998963"
| "6014597" | "6024288"
| "6029141" | "6029195"
| "6034618" | "6036601"
| "6047194" | "6047236"
| "6048289" | "6049745"
| "6049778" | "6053842"
| "6059263" | "6061660"
| "6067008" | "6073138"
| "6078906" | "6081205"
| "6085131").PN. OR
("6088702" | "6092076"
| "6092105" | "6101484"
| "6104160" | "6108639"
| "6122592" | "6134486"

		| "6148260" | "6148289" | "6151539" | "6175789" | "6175831" | "6199076" | "6225776" | "6226624" | "6229533" | "6234932" | "6236333" | "6236990" | "6252380" | "6267292" | "6269369" | "6285931" | "6301531" | "6307349" | "6308177" | "6310542" | "6317718" | "6330497" | "6330499" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6370475" | "6373380" | "6381537" | "6401085" | "6405123" | "6408307" | "6416209" | "6429773" | "6434465" | "6445983" | "6453339" | "6456041" | "6466658" | "6470268" | "6480767" | "6480885" | "6487477" | "6487583" | "6498454" | "6498982" | "6505780" | "6507776" | "6511192" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6586866" | "6587787" | "6597983" | "6600418" | "6611751" | "6614204" | "6615039" | "6622086" | "6629024" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6680547" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6727809" | "6728635" | "6741036" | "6741920" | "6745196" | "6750881" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6850898" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6915869" | "6918576" | "6922629" | "6924750" | "6925368"				

		| "6926233").PN. OR ("6931419" | "6937140" | "6940254" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013205" | "7013292" | "7024397" | "7024455" | "7038681" | "7039389" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7084781" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7171199" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7201384" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269416" | "7269590" | "7272407" | "7289611" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7376497" | "7379541" | "7383251" | "7386542" | "7389210" | "7402978" | "7412446" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7496947" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7532965" | "7539557"					

		| "7548491" | "7561169" | "7561950" | "7562023" | "7565396" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795").PN. OR ("7599935" | "7617048" | "7630802" | "7636687" | "7640204" | "7650210" | "7658346" | "7668405" | "7669123" | "7674536" | "7680673" | "7680859" | "7683771" | "7693609" | "7693953" | "7698078" | "7702545" | "7725492" | "7734254" | "7740092" | "7751945" | "7751971" | "7761789" | "7778746" | "7792815" | "7796052" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7850351" | "7853518" | "7853563" | "7860889" | "7869576" | "7870199" | "7873471" | "7881864" | "7885893" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7925265" | "7933808" | "7933810" | "7945653" | "7949435" | "7949714" | "7956570" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7979198" | "7980808" | "7986126" | "7991665" | "7991703" | "7996109" | "7996270" | "8006793" | "8010230" | "8027843" | "8027943" | "8036788" | "8046309" | "8050815" | "8051089" | "8054048" | "8060389" | "8060555" | "8064590" | "8065291" | "8072318" | "8073907" | "8095430" | "8103391" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661"				

		| "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229160" | "8229470" | "8249943" | "8256553" | "8262268" | "8265816" | "8266075" | "8271057").PN. OR ("8275546" | "8290943" | "8292215" | "8294420" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8333492" | "8336664" | "8346677" | "8350526" | "8352183" | "8358811" | "8364757" | "8366371" | "8370003" | "8370030" | "8380382" | "8380638" | "8391789" | "8391909" | "8392065" | "8401771" | "8402094" | "8402372" | "8405347" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8482255" | "8483775" | "8483907" | "8490005" | "8493849" | "8504284" | "8504512" | "8508188" | "8510268" | "8521599" | "8521656" | "8527135" | "8527146" | "8538458" | "8543143" | "8543323" | "8548493" | "8552686" | "8554770" | "8554852" | "8560515" | "8584091" | "8589019" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8624719" | "8626699" | "8627506" | "8630741" | "8635015" | "8635091" | "8643329" | "8649976" | "8650103" | "8655873" | "8660541" | "8660734" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8686864" | "8688594" | "8694328"					

		| "8694605" | "8695919" | "8706297" | "8706394" | "8712441" | "8713055" | "8713121" | "8713143" | "8717170" | "8718910" | "8723679" | "8725551" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8751065" | "8751271" | "8760432" | "8775405" | "8794566" | "8799037" | "8799253" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8825226" | "8832556").PN. OR ("8836281" | "8977408" | "D710454").PN. OR ("2007/0207789" | "2011/0060480" | "2012/0087634" | "2014/0309862" | "2014/0310031" | "2014/0310788" | "2015/0203125" | "6155954" | "7006986" | "8050815" | "8209436" | "8463488" | "8768313" | "9171268" | "9229905" | "9372607" | "9373149" | "9684911").URPN.					
L887	3730	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) near4 (module program engine) AND (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L888	1961	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L889	112	(user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L890	14	((user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L891	108	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L892	84	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) Near10 (vehicle truck car automobile)					
L893	1294444	(B60L53/665 OR B60L53/68 OR B60W40/08 OR G06F17/00 OR G06Q10/10 OR G06Q10/20 OR G06Q20/18 OR G06Q20/325 OR G06Q30/00 OR G06Q30/0643 OR G06Q30/0645 OR G06Q50/06 OR G07F15/005 OR H04L67/06 OR H04L67/10 OR H04L67/306 OR H04W4/02 OR H04W4/029 OR B60L2240/70 OR B60L2250/12 OR B60L2250/16 OR B60L2250/20 OR B60W2040/0809 OR Y02T10/70 OR Y02T10/7072 OR Y02T10/72 OR Y02T90/12 OR Y02T90/14 OR Y02T90/16 OR Y02T90/167 OR Y04S30/14 OR G06Q20/308 OR Y02T90/169).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L894	45	L151 AND L149	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L895	22	((US-20140309862-A1 OR US-20120087634-A1 OR US-20140310031-A1 OR US-20150203125-A1 OR US-20140310788-A1 OR US-20130090781-A1 OR US-20070207789-A1 OR US-20110060480-A1).did. AND PGPB.dbnm.) OR ((EP-908339-A1 OR US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		20140310788-A1).did. AND DWPI.dbnm.) OR ((US-6155954-A OR US-8768313-B2 OR US-8463488-B1 OR US-8209436-B2 OR US-9684911-B2 OR US-9229905-B1 OR US-9373149-B2 OR US-7006986-B1 OR US-9372607-B1 OR US-9171268-B1 OR US-8050815-B2 OR US-6064996-A).did. AND USPT.dbnm.)					
L896	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L897	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L898	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L899	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L900	98	(L4 L3) and L2	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L901	225	(L4 L3) and L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L902	41	L6 and L5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L903	54364	(vehicle near10 (biometric face fingerprint voice) ner10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L904	63	L8 and L1 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L905	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.					
L906	33	"8050815"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L907	1	("8050815").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L908	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L909	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L910	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L911	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L912	98	L16 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L913	57	L16 and (L3 L4) not L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L914	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L915	1813	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030144005" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581").PN. OR ("20040044454" | "20040054428" | "20040056762" |				

		"20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" | "20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050114527" | "20050114759" | "20050114783" |				

		"20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550").PN. OR ("20050219044" | "20050225429" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" |				

		"20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" |				

		"20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182").PN, OR ("20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" | "20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" |				

		"20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080020814" | "20080032666").PN. OR ("20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" |				

		"20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" |				

		"20080222308" | "20080223646" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366").PN. OR ("20080270615" | "20080270945" | "20080275604" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473" | "20090007195" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" |				

		"20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" | "20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090207004" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383").PN. OR ("20100243794" | "20100255899" |					

		"20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" | "20120123667" | "20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" |				

		"20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179").PN. OR ("20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" | "20140100900" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244"					

		"20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" | "4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5903721" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "5991750" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" | "6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6226624" | "6229533").PN. OR ("6236990" | "6267292" | "6269369" | "6308177" | "6310542" | "6317718" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6429773"					

		| "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6505780" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6741920" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6924750" | "6925368" | "6926233" | "6931419" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7209803").PN. OR ("7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647"				

		| "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7561950" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089"				

		| "8060389" | "8060555" | "8064590").PN. OR ("8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546" | "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "8794566" | "8799253" | "8825226"					

		| "8832556" | "D710454").PN. OR ("2014/0309862" | "2014/0310031" | "2014/0310788" | "7006986" | "8050815" | "9373149").URPN.					
L916	1453	("20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" | "20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" |	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		"20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" |				

		"20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" |				

		"20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" |				

		"5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328"				

		| "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.					
L917	483	L21 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L918	2	L22 and L16	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L919	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L920	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L921	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L922	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L923	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L924	57	L31 and (L29 L30) not L28	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L925	98	L31 and (L29 L30)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L926	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		account) near10 vehicle near10 (settings preferences)).clm.					
L927	1	("20110060480").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L928	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L929	147	("2011/0060480").URPN.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L930	143313	(B60L53/665 or H04W4/02 or H04W4/029 or B60L53/68 or B60W40/08 or H04L67/06 or H04L67/10 or H04L67/306 or G06Q10/10 or G06Q10/20 or G06Q20/18 or G06Q30/00 or G06Q30/0643 or G06Q30/0645 or G06Q50/06 or G07F15/005 or G06F17/00 or G06Q20/325 or Y02T10/70 or Y02T10/72 or Y02T10/7072 or Y02T90/12 or Y02T90/167 or Y04S30/14 or B60L2240/70 or B60L2250/12 or B60L2250/16 or B60L2250/20 or B60W2040/0809 or Y02T90/16 or Y02T90/14 or G06Q20/308 or Y02T90/169).cpc.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L931	229	(transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM

		(position setting))					
L932	9	L40 and L37	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L933	101	L40 and L39	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L934	38	((transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L935	113	((transfer$4 sending sent receiv$4 transc$4) and (user driver) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L936	10687	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) and (user driver customer profile) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L937	779	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) same2 (user driver customer profile) near4 (verify verification	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		identifier) same2 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))					
L938	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L939	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L940	43299	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customervehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

L941	47292	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L942	70868	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L943	12785	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L944	60429	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L945	1958	L52 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L946	15	L52 and L37	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L947	1169	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L948	6354	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L949	7269	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L950	2129	L58 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L951	129	L58 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L952	2325	(vehicle truck car automobile) Same (transfer$4 sending sent receiv$4 transc$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)					
L953	216	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L954	72	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).ab.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L955	922	L61 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L956	578	(vehicle truck car automobile) Same (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)					
L957	59	((vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L958	2786	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) with (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L959	1809	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L960	422	L68 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L961	126	L68 and L61	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L962	332	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L963	5	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))).clm.					
L964	465	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L965	2826	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020064258" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020085043" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020102966" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133273" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" |				

		"20030065716" | "20030065805" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030137277" | "20030144005" | "20030145093" | "20030149617" | "20030153278" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030204290" | "20030205619" | "20030218253" | "20030220807" | "20030220835").PN. OR ("20030222918" | "20030225632" | "20030225833" | "20030234325" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581" | "20040044454" | "20040046506" | "20040054428" | "20040054561" | "20040056762" | "20040059471" | "20040064235" | "20040078655" | "20040088177" | "20040092253" | "20040093155" | "20040098419" | "20040109012" | "20040111302" | "20040117322" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034"				

		"20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040212630" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040265671" | "20040267625" | "20050015488" | "20050018177" | "20050021190" | "20050021750" | "20050027723" | "20050034075" | "20050035741" | "20050044061" | "20050044245" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050091604" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050110460" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" |				

		"20050137015" | "20050143174").PN. OR ("20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050225429" | "20050231119" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060026587" | "20060031684" | "20060036588" | "20060036748" | "20060041543" |				

		"20060042483" | "20060047584" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060059260" | "20060064431" | "20060066149" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060116132" | "20060120518" | "20060123053" | "20060125616" | "20060125620" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972").PN, OR ("20060182241" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060197677" | "20060200384" | "20060212407" | "20060217199" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" |				

		"20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060282381" | "20060287783" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070046425" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070068714" | "20070078747" | "20070078772" | "20070099609" | "20070100480" | "20070105536" | "20070106627" | "20070106672" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070126395" | "20070143482" | "20070150375" | "20070150603" | "20070156429" | "20070159522" | "20070159651" |				

		"20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820").PN. OR ("20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070238491" | "20070239352" | "20070239552" | "20070239627" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070250617" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282495" | "20070282621" | "20070282987" | "20070288164" | "20070288311" |				

		"20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080016231" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080052145" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086411" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080093445").PN. OR ("20080097904" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" |				

		"20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155008" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080180027" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080203973" | "20080208956" | "20080208969" | "20080215758" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228613" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080244060" | "20080250025" | "20080255722" | "20080255759" | "20080256230" | "20080263460" | "20080269979" |				

		"20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080275604" | "20080281663" | "20080281854" | "20080288277" | "20080288612" | "20080294283" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080312782" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473").PN. OR ("20090007195" | "20090011639" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090021213" | "20090021385" | "20090024740" | "20090029672" | "20090030712" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090031381" | "20090043519" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090058355" | "20090061883" | "20090063252" | "20090063467" | "20090063500" |					

		"20090064011" | "20090064144" | "20090066287" | "20090069034" | "20090069954" | "20090070334" | "20090070435" | "20090076913" | "20090077100" | "20090082957" | "20090091291" | "20090092864" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090144001" | "20090144151" | "20090157289" | "20090164473" | "20090171950" | "20090174365" | "20090177577" | "20090177580" | "20090177628" | "20090207004" | "20090210357" | "20090228305" | "20090237546" | "20090252383" | "20090254971" | "20090258642" | "20090271417" | "20090271524" | "20090279794" | "20090282353" | "20090284530" | "20090285492" | "20090287578" | "20090287682" | "20090299551" | "20090302998" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100004818" | "20100011081" | "20100013434" | "20100017045" | "20100017249" | "20100023388" | "20100024045" | "20100037057" |				

		"20100045452" | "20100049396" | "20100049533").PN. OR ("20100049610" | "20100049639" | "20100049737" | "20100051740" | "20100057306" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100112843" | "20100114469" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100191798" | "20100198508" | "20100198513" | "20100198684" | "20100211340" | "20100211643" | "20100214250" | "20100222939" | "20100231383" | "20100243794" | "20100255899" | "20100260426" | "20100268426" | "20100275033" | "20100280956" | "20100304349" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110032110" | "20110040681" | "20110040692" | "20110041084" | "20110060480" | "20110061018" |				

		"20110066588" | "20110066648" | "20110074350" | "20110074351" | "20110077809" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106329" | "20110106658" | "20110112969" | "20110112976" | "20110128144" | "20110130885" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110202426" | "20110219318" | "20110231268" | "20110246252" | "20110246258" | "20110254655" | "20110256895" | "20110258028" | "20110264692" | "20110279083").PN. OR ("20110291851" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120023196" | "20120025765" | "20120028680" | "20120041624" | "20120047102" | "20120047448" | "20120053754" | "20120074903" | "20120077523" | "20120084289" | "20120096098" | "20120105197" | "20120123667" | "20120123670" | "20120126974" |				

		"20120136743" |					
		"20120136802" |					
		"20120138732" |					
		"20120151569" |					
		"20120158244" |					
		"20120163206" |					
		"20120166935" |					
		"20120179323" |					
		"20120179552" |					
		"20120191606" |					
		"20120191797" |					
		"20120209775" |					
		"20120218128" |					
		"20120221470" |					
		"20120224076" |					
		"20120229056" |					
		"20120229085" |					
		"20120232958" |					
		"20120232965" |					
		"20120233077" |					
		"20120239483" |					
		"20120239520" |					
		"20120246024" |					
		"20120254774" |					
		"20120259688" |					
		"20120262002" |					
		"20120264447" |					
		"20120268068" |					
		"20120268076" |					
		"20120268242" |					
		"20120270567" |					
		"20120278743" |					
		"20120280654" |					
		"20120296512" |					
		"20120303397" |					
		"20120306445" |					
		"20120310713" |					
		"20120316671" |					
		"20120324018" |					
		"20120330494" |					
		"20120331002" |					
		"20130002876" |					
		"20130005307" |					
		"20130020139" |					
		"20130021162" |					
		"20130024108" |					
		"20130031318" |					
		"20130036458" |					
		"20130037339" |					
		"20130041761" |					
		"20130041862" |					
		"20130054317" |					
		"20130055163" |					
		"20130068876" |					
		"20130072114" |					
		"20130073375" |					
		"20130073474" |					
		"20130080217" |					

		"20130099892" | "20130103236" | "20130103437" | "20130105635" | "20130110296" | "20130110631" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130151455" | "20130159127" | "20130179057").PN. OR ("20130204437" | "20130204466" | "20130241720" | "20130253746" | "20130254670" | "20130280018" | "20130282842" | "20130297589" | "20130300554" | "20130301405" | "20130303197" | "20130317693" | "20130317694" | "20130317999" | "20130325325" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140032034" | "20140040179" | "20140042968" | "20140047107" | "20140066049" | "20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140089016" | "20140095293" | "20140100900" | "20140106726" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140118107" |				

		"20140120829" | "20140122295" | "20140123246" | "20140123247" | "20140125355" | "20140130140" | "20140135039" | "20140136214" | "20140136328" | "20140136414" | "20140136624" | "20140142783" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140163771" | "20140163774" | "20140164126" | "20140164559" | "20140165091" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140204360" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140222298" | "20140222908" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140254896" | "20140277834" | "20140277936" | "20140278089" | "20140300739" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3690397" | "3762669" | "3799063" | "3867682").PN. OR ("4052655" | "4102273" | "4119163" | "4132174" | "4161843" | "4162445" | "4309644" | "4347472" | "4375354" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4556198" | "4779203" | "4789047"					

		| "4815840" | "4914605" | "4996468" | "5006988" | "5032989" | "5049802" | "5050844" | "5121112" | "5132666" | "5184058" | "5199686" | "5202617" | "5208750" | "5297664" | "5306999" | "5315227" | "5325294" | "5327066" | "5343970" | "5372211" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5521817" | "5548200" | "5549443" | "5555502" | "5563491" | "5572449" | "5577567" | "5581630" | "5584025" | "5585205" | "5590062" | "5594318" | "5595271" | "5596258" | "5612606" | "5617319" | "5627752" | "5630103" | "5636145" | "5642270" | "5666102" | "5671342" | "5691695" | "5694019" | "5701706" | "5720363" | "5736833" | "5751245" | "5760569" | "5774133" | "5778326" | "5790976" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5892598" | "5903721" | "5904214" | "5905499" | "5907322" | "5916285" | "5917407" | "5926765" | "5930474" | "5937413" | "5940806" | "5974136" | "5991737" | "5991750" | "5993351" | "5998963" | "6014597" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6048289" | "6049745" | "6049778" | "6053842" | "6059263" | "6061660" | "6067008" | "6073138" | "6078906" | "6081205" | "6085131").PN. OR ("6088702" | "6092076" | "6092105" | "6101484" | "6104160" | "6108639" | "6122592" | "6134486"					

		| "6148260" | "6148289" | "6151539" | "6175789" | "6175831" | "6199076" | "6225776" | "6226624" | "6229533" | "6234932" | "6236333" | "6236990" | "6252380" | "6267292" | "6269369" | "6285931" | "6301531" | "6307349" | "6308177" | "6310542" | "6317718" | "6330497" | "6330499" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6370475" | "6373380" | "6381537" | "6401085" | "6405123" | "6408307" | "6416209" | "6429773" | "6434465" | "6445983" | "6453339" | "6456041" | "6466658" | "6470268" | "6480767" | "6480885" | "6487477" | "6487583" | "6498454" | "6498982" | "6505780" | "6507776" | "6511192" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6586866" | "6587787" | "6597983" | "6600418" | "6611751" | "6614204" | "6615039" | "6622086" | "6629024" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6680547" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6727809" | "6728635" | "6741036" | "6741920" | "6745196" | "6750881" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6850898" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6915869" | "6918576" | "6922629" | "6924750" | "6925368"				

		| "6926233").PN. OR ("6931419" | "6937140" | "6940254" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013205" | "7013292" | "7024397" | "7024455" | "7038681" | "7039389" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7084781" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7171199" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7201384" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269416" | "7269590" | "7272407" | "7289611" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7376497" | "7379541" | "7383251" | "7386542" | "7389210" | "7402978" | "7412446" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7496947" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7532965" | "7539557"					

		| "7548491" | "7561169" | "7561950" | "7562023" | "7565396" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795").PN. OR ("7599935" | "7617048" | "7630802" | "7636687" | "7640204" | "7650210" | "7658346" | "7668405" | "7669123" | "7674536" | "7680673" | "7680859" | "7683771" | "7693609" | "7693953" | "7698078" | "7702545" | "7725492" | "7734254" | "7740092" | "7751945" | "7751971" | "7761789" | "7778746" | "7792815" | "7796052" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7850351" | "7853518" | "7853563" | "7860889" | "7869576" | "7870199" | "7873471" | "7881864" | "7885893" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7925265" | "7933808" | "7933810" | "7945653" | "7949435" | "7949714" | "7956570" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7979198" | "7980808" | "7986126" | "7991665" | "7991703" | "7996109" | "7996270" | "8006793" | "8010230" | "8027843" | "8027943" | "8036788" | "8046309" | "8050815" | "8051089" | "8054048" | "8060389" | "8060555" | "8064590" | "8065291" | "8072318" | "8073907" | "8095430" | "8103391" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661"				

| "8145703" | "8149113"
| "8167234" | "8171128"
| "8190357" | "8190476"
| "8195601" | "8195744"
| "8204624" | "8204776"
| "8204952" | "8223012"
| "8225376" | "8229160"
| "8229470" | "8249943"
| "8256553" | "8262268"
| "8265816" | "8266075"
| "8271057").PN. OR
("8275546" | "8290943"
| "8292215" | "8294420"
| "8296373" | "8301743"
| "8315389" | "8326091"
| "8326315" | "8328130"
| "8333492" | "8336664"
| "8346677" | "8350526"
| "8352183" | "8358811"
| "8364757" | "8366371"
| "8370003" | "8370030"
| "8380382" | "8380638"
| "8391789" | "8391909"
| "8392065" | "8401771"
| "8402094" | "8402372"
| "8405347" | "8412576"
| "8412675" | "8422994"
| "8427308" | "8428565"
| "8433609" | "8433650"
| "8438156" | "8442923"
| "8443107" | "8447810"
| "8463295" | "8463764"
| "8473199" | "8482255"
| "8483775" | "8483907"
| "8490005" | "8493849"
| "8504284" | "8504512"
| "8508188" | "8510268"
| "8521599" | "8521656"
| "8527135" | "8527146"
| "8538458" | "8543143"
| "8543323" | "8548493"
| "8552686" | "8554770"
| "8554852" | "8560515"
| "8584091" | "8589019"
| "8589330" | "8594715"
| "8595292" | "8600602"
| "8615565" | "8620532"
| "8620827" | "8621374"
| "8624719" | "8626699"
| "8627506" | "8630741"
| "8635015" | "8635091"
| "8643329" | "8649976"
| "8650103" | "8655873"
| "8660541" | "8660734"
| "8660897" | "8666660"
| "8671095" | "8671106"
| "8683342" | "8686864"
| "8688594" | "8694328"

		| "8694605" | "8695919" | "8706297" | "8706394" | "8712441" | "8713055" | "8713121" | "8713143" | "8717170" | "8718910" | "8723679" | "8725551" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8751065" | "8751271" | "8760432" | "8775405" | "8794566" | "8799037" | "8799253" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8825226" | "8832556").PN. OR ("8836281" | "8977408" | "D710454").PN. OR ("2007/0207789" | "2011/0060480" | "2012/0087634" | "2014/0309862" | "2014/0310031" | "2014/0310788" | "2015/0203125" | "6155954" | "7006986" | "8050815" | "8209436" | "8463488" | "8768313" | "9171268" | "9229905" | "9372607" | "9373149" | "9684911").URPN.					
L966	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L967	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L968	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L969	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L970	98	(L4 L3) and L2	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L971	225	(L4 L3) and L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L972	41	L6 and L5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L973	54364	(vehicle near10 (biometric face fingerprint voice) ner10 (profile account) and	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		(user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.					
L974	63	L8 and L1 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L975	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L976	33	"8050815"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L977	1	("8050815").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L978	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L979	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L980	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		(verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)					
L981	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L982	98	L16 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L983	57	L16 and (L3 L4) not L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L984	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L985	1813	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030144005" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" |				

		"20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581").PN. OR ("20040044454" | "20040054428" | "20040056762" | "20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" |				

		"20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550").PN. OR ("20050219044" | "20050225429" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" |				

		"20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" |				

		"20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182").PN. OR ("20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" | "20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" |				

		"20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" |					

		"20080020814" | "20080032666").PN. OR ("20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" |				

		"20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366").PN, OR ("20080270615" | "20080270945" | "20080275604" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473" | "20090007195" |				

		"20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" | "20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090207004" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" |				

		"20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383").PN. OR ("20100243794" | "20100255899" | "20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" | "20120123667" |				

		"20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179").PN. OR ("20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" | "20140100900" |				

		"20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" | "4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5903721" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "5991750" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" |					

		"6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6226624" | "6229533").PN. OR ("6236990" | "6267292" | "6269369" | "6308177" | "6310542" | "6317718" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6429773" | "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6505780" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6741920" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6924750" | "6925368" | "6926233" | "6931419" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308"				

		| "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7209803").PN. OR ("7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7561950" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319"				

		| "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089" | "8060389" | "8060555" | "8064590").PN. OR ("8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546" | "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532"				

		| "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "8794566" | "8799253" | "8825226" | "8832556" | "D710454").PN. OR ("2014/0309862" | "2014/0310031" | "2014/0310788" | "7006986" | "8050815" | "9373149").URPN.					
L986	1453	("20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" | "20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" |	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		"20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" |				

		"20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" |				

		"20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" |					

		"5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815"				

		| "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.					
L987	483	L21 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L988	2	L22 and L16	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L989	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L990	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L991	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.					
L992	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L993	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L994	57	L31 and (L29 L30) not	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

		L28	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L995	98	L31 and (L29 L30)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L996	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L997	1	("20110060480").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/08/14 11:28 AM
L998	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L999	147	("2011/0060480").URPN.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1000	143313	(B60L53/665 or H04W4/02 or H04W4/029 or B60L53/68 or B60W40/08 or H04L67/06 or H04L67/10 or H04L67/306 or G06Q10/10 or G06Q10/20 or G06Q20/18 or G06Q30/00 or G06Q30/0643 or G06Q30/0645 or G06Q50/06 or G07F15/005 or G06F17/00 or G06Q20/325 or Y02T10/70 or Y02T10/72 or Y02T10/7072 or Y02T90/12 or Y02T90/167 or Y04S30/14 or B60L2240/70 or B60L2250/12 or B60L2250/16 or B60L2250/20 or B60W2040/0809 or Y02T90/16 or	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM

		Y02T90/14 or G06Q20/308 or Y02T90/169).cpc.					
L1001	229	(transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1002	9	L40 and L37	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1003	101	L40 and L39	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1004	38	((transfer$4 sending sent receiv$4 transc$4) same (user driver) near4 (verify verification identifier) same (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1005	113	((transfer$4 sending sent receiv$4 transc$4) and (user driver) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(USPAT)	OR	ON	ON	2024/08/14 11:28 AM
L1006	10687	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) and (user driver customer profile) near4 (verify verification identifier) and (vehicle auto car truck	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))					
L1007	779	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) same2 (user driver customer profile) near4 (verify verification identifier) same2 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1008	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1009	1061	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1010	43299	(transfer$4 sending	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

		sent receiv$4 transc$4) near10 (user driver customervehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L1011	47292	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1012	70868	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1013	12785	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		identifier)					
L1014	60429	(transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1015	1958	L52 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1016	15	L52 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1017	1169	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1018	6354	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference) and (user driver customer profile) near4 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1019	7269	(vehicle truck car automobile) same2 (transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near4 (verify verification identifier)					
L1020	2129	L58 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1021	129	L58 and L37	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1022	2325	(vehicle truck car automobile) Same (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1023	216	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1024	72	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		near3 (verify verification identifier)).ab.					
L1025	922	L61 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1026	578	(vehicle truck car automobile) Same (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1027	59	((vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1028	2786	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) with (setting preference	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L1029	1809	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1030	422	L68 and L39	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1031	126	L68 and L61	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1032	332	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L1033	5	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1034	465	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L1035	2826	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020064258" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020085043" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020102966" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133273" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030065805" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030137277" | "20030144005" | "20030145093" | "20030149617" | "20030153278" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030204290" | "20030205619" | "20030218253" | "20030220807" | "20030220835").PN. OR ("20030222918" | "20030225632" | "20030225833" | "20030234325" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581" | "20040044454" | "20040046506" | "20040054428" | "20040054561" | "20040056762" |				

		"20040059471" |					
		"20040064235" |					
		"20040078655" |					
		"20040088177" |					
		"20040092253" |					
		"20040093155" |					
		"20040098419" |					
		"20040109012" |					
		"20040111302" |					
		"20040117322" |					
		"20040122570" |					
		"20040122693" |					
		"20040128215" |					
		"20040135805" |					
		"20040138790" |					
		"20040139034" |					
		"20040139049" |					
		"20040145593" |					
		"20040146199" |					
		"20040148275" |					
		"20040148354" |					
		"20040153466" |					
		"20040157648" |					
		"20040158371" |					
		"20040158373" |					
		"20040158488" |					
		"20040162064" |					
		"20040166878" |					
		"20040167787" |					
		"20040172280" |					
		"20040186766" |					
		"20040210661" |					
		"20040212630" |					
		"20040215517" |					
		"20040215559" |					
		"20040217884" |					
		"20040217980" |					
		"20040220903" |					
		"20040220906" |					
		"20040230562" |					
		"20040236771" |					
		"20040243478" |					
		"20040257340" |					
		"20040260604" |					
		"20040260677" |					
		"20040265671" |					
		"20040267625" |					
		"20050015488" |					
		"20050018177" |					
		"20050021190" |					
		"20050021750" |					
		"20050027723" |					
		"20050034075" |					
		"20050035741" |					
		"20050044061" |					
		"20050044245" |					
		"20050049971" |					
		"20050055353" |					

		"20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050091604" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050110460" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174").PN. OR ("20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050225429" | "20050231119" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" |				

		"20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060026587" | "20060031684" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047584" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060059260" | "20060064431" | "20060066149" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060116132" | "20060120518" | "20060123053" | "20060125616" | "20060125620" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972").PN. OR ("20060182241" | "20060184578" | "20060184617" | "20060184997" | "20060190279" |				

		"20060190281" | "20060194186" | "20060197677" | "20060200384" | "20060212407" | "20060217199" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060282381" | "20060287783" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070046425" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070068714" | "20070078747" | "20070078772" | "20070099609" |				

		"20070100480" | "20070105536" | "20070106627" | "20070106672" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070126395" | "20070143482" | "20070150375" | "20070150603" | "20070156429" | "20070159522" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820").PN. OR ("20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070238491" | "20070239352" | "20070239552" | "20070239627" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070250617" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" |				

		"20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282495" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080016231" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080052145" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" |				

		"20080086368" | "20080086411" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080093445").PN. OR ("20080097904" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155008" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080180027" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080203973" | "20080208956" | "20080208969" | "20080215758" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228613" | "20080228719" | "20080228775" |					

		"20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080244060" | "20080250025" | "20080255722" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080275604" | "20080281663" | "20080281854" | "20080288277" | "20080288612" | "20080294283" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080312782" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473").PN. OR ("20090007195" | "20090011639" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090021213" | "20090021385" | "20090024740" | "20090029672" | "20090030712" | "20090030927" | "20090031006" |				

		"20090031245" | "20090031301" | "20090031381" | "20090043519" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090058355" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090066287" | "20090069034" | "20090069954" | "20090070334" | "20090070435" | "20090076913" | "20090077100" | "20090082957" | "20090091291" | "20090092864" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090144001" | "20090144151" | "20090157289" | "20090164473" | "20090171950" | "20090174365" | "20090177577" | "20090177580" | "20090177628" | "20090207004" | "20090210357" | "20090228305" | "20090237546" | "20090252383" | "20090254971" | "20090258642" | "20090271417" | "20090271524" | "20090279794" | "20090282353" | "20090284530" | "20090285492" | "20090287578" | "20090287682" | "20090299551" | "20090302998" |				

		"20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100004818" | "20100011081" | "20100013434" | "20100017045" | "20100017249" | "20100023388" | "20100024045" | "20100037057" | "20100045452" | "20100049396" | "20100049533").PN. OR ("20100049610" | "20100049639" | "20100049737" | "20100051740" | "20100057306" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100112843" | "20100114469" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100191798" | "20100198508" | "20100198513" | "20100198684" | "20100211340" | "20100211643" | "20100214250" | "20100222939" | "20100231383" | "20100243794" |				

		"20100255899" | "20100260426" | "20100268426" | "20100275033" | "20100280956" | "20100304349" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110032110" | "20110040681" | "20110040692" | "20110041084" | "20110060480" | "20110061018" | "20110066588" | "20110066648" | "20110074350" | "20110074351" | "20110077809" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106329" | "20110106658" | "20110112969" | "20110112976" | "20110128144" | "20110130885" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110202426" | "20110219318" | "20110231268" | "20110246252" | "20110246258" | "20110254655" | "20110256895" | "20110258028" | "20110264692" | "20110279083").PN. OR ("20110291851" | "20110307143" | "20110309929" | "20120013300" |				

		"20120019204" | "20120023196" | "20120025765" | "20120028680" | "20120041624" | "20120047102" | "20120047448" | "20120053754" | "20120074903" | "20120077523" | "20120084289" | "20120096098" | "20120105197" | "20120123667" | "20120123670" | "20120126974" | "20120136743" | "20120136802" | "20120138732" | "20120151569" | "20120158244" | "20120163206" | "20120166935" | "20120179323" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120218128" | "20120221470" | "20120224076" | "20120229056" | "20120229085" | "20120232958" | "20120232965" | "20120233077" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120262002" | "20120264447" | "20120268068" | "20120268076" | "20120268242" | "20120270567" | "20120278743" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120324018" | "20120330494" | "20120331002" | "20130002876" |				

		"20130005307" | "20130020139" | "20130021162" | "20130024108" | "20130031318" | "20130036458" | "20130037339" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130099892" | "20130103236" | "20130103437" | "20130105635" | "20130110296" | "20130110631" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130151455" | "20130159127" | "20130179057").PN. OR ("20130204437" | "20130204466" | "20130241720" | "20130253746" | "20130254670" | "20130280018" | "20130282842" | "20130297589" | "20130300554" | "20130301405" | "20130303197" | "20130317693" | "20130317694" | "20130317999" | "20130325325" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140032034" | "20140040179" | "20140042968" | "20140047107" | "20140066049" | "20140067167" |				

		"20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140089016" | "20140095293" | "20140100900" | "20140106726" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140118107" | "20140120829" | "20140122295" | "20140123246" | "20140123247" | "20140125355" | "20140130140" | "20140135039" | "20140136214" | "20140136328" | "20140136414" | "20140136624" | "20140142783" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140163771" | "20140163774" | "20140164126" | "20140164559" | "20140165091" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140204360" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140222298" | "20140222908" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140254896" | "20140277834" | "20140277936" | "20140278089" |					

		"20140300739" | "20140316243" | "20140337160" | "2035218" | "3253806" | "3556438" | "3690397" | "3762669" | "3799063" | "3867682").PN. OR ("4052655" | "4102273" | "4119163" | "4132174" | "4161843" | "4162445" | "4309644" | "4347472" | "4375354" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4556198" | "4779203" | "4789047" | "4815840" | "4914605" | "4996468" | "5006988" | "5032989" | "5049802" | "5050844" | "5121112" | "5132666" | "5184058" | "5199686" | "5202617" | "5208750" | "5297664" | "5306999" | "5315227" | "5325294" | "5327066" | "5343970" | "5372211" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5521817" | "5548200" | "5549443" | "5555502" | "5563491" | "5572449" | "5577567" | "5581630" | "5584025" | "5585205" | "5590062" | "5594318" | "5595271" | "5596258" | "5612606" | "5617319" | "5627752" | "5630103" | "5636145" | "5642270" | "5666102" | "5671342" | "5691695" | "5694019" | "5701706" | "5720363" | "5736833" | "5751245" | "5760569" | "5774133" | "5778326" | "5790976" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5892598" | "5903721" | "5904214" | "5905499" | "5907322" | "5916285" | "5917407" | "5926765" | "5930474" | "5937413" | "5940806" | "5974136"					

		"5991737" | "5991750" | "5993351" | "5998963" | "6014597" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6048289" | "6049745" | "6049778" | "6053842" | "6059263" | "6061660" | "6067008" | "6073138" | "6078906" | "6081205" | "6085131").PN. OR ("6088702" | "6092076" | "6092105" | "6101484" | "6104160" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6151539" | "6175789" | "6175831" | "6199076" | "6225776" | "6226624" | "6229533" | "6234932" | "6236333" | "6236990" | "6252380" | "6267292" | "6269369" | "6285931" | "6301531" | "6307349" | "6308177" | "6310542" | "6317718" | "6330497" | "6330499" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6370475" | "6373380" | "6381537" | "6401085" | "6405123" | "6408307" | "6416209" | "6429773" | "6434465" | "6445983" | "6453339" | "6456041" | "6466658" | "6470268" | "6480767" | "6480885" | "6487477" | "6487583" | "6498454" | "6498982" | "6505780" | "6507776" | "6511192" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6586866" | "6587787" | "6597983" | "6600418" | "6611751" | "6614204" | "6615039" | "6622086" | "6629024" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6680547" | "6684196" | "6687878" | "6691105" | "6691114"					

		| "6711414" | "6716101" | "6719570" | "6721748" | "6727809" | "6728635" | "6741036" | "6741920" | "6745196" | "6750881" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6850898" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6915869" | "6918576" | "6922629" | "6924750" | "6925368" | "6926233").PN. OR ("6931419" | "6937140" | "6940254" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013205" | "7013292" | "7024397" | "7024455" | "7038681" | "7039389" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7084781" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7171199" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7201384" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269416" | "7269590" | "7272407" | "7289611" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7376497" | "7379541" | "7383251"				

		| "7386542" | "7389210" | "7402978" | "7412446" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7496947" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7532965" | "7539557" | "7548491" | "7561169" | "7561950" | "7562023" | "7565396" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795").PN. OR ("7599935" | "7617048" | "7630802" | "7636687" | "7640204" | "7650210" | "7658346" | "7668405" | "7669123" | "7674536" | "7680673" | "7680859" | "7683771" | "7693609" | "7693953" | "7698078" | "7702545" | "7725492" | "7734254" | "7740092" | "7751945" | "7751971" | "7761789" | "7778746" | "7792815" | "7796052" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7850351" | "7853518" | "7853563" | "7860889" | "7869576" | "7870199" | "7873471" | "7881864" | "7885893" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7925265" | "7933808" | "7933810" | "7945653" | "7949435" | "7949714" | "7956570" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657"					

		| "7979198" | "7980808" | "7986126" | "7991665" | "7991703" | "7996109" | "7996270" | "8006793" | "8010230" | "8027843" | "8027943" | "8036788" | "8046309" | "8050815" | "8051089" | "8054048" | "8060389" | "8060555" | "8064590" | "8065291" | "8072318" | "8073907" | "8095430" | "8103391" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229160" | "8229470" | "8249943" | "8256553" | "8262268" | "8265816" | "8266075" | "8271057").PN. OR ("8275546" | "8290943" | "8292215" | "8294420" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8333492" | "8336664" | "8346677" | "8350526" | "8352183" | "8358811" | "8364757" | "8366371" | "8370003" | "8370030" | "8380382" | "8380638" | "8391789" | "8391909" | "8392065" | "8401771" | "8402094" | "8402372" | "8405347" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8482255" | "8483775" | "8483907" | "8490005" | "8493849" | "8504284" | "8504512" | "8508188" | "8510268" | "8521599" | "8521656" | "8527135" | "8527146" | "8538458" | "8543143" | "8543323" | "8548493" | "8552686" | "8554770"				

		| "8554852" | "8560515" | "8584091" | "8589019" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8624719" | "8626699" | "8627506" | "8630741" | "8635015" | "8635091" | "8643329" | "8649976" | "8650103" | "8655873" | "8660541" | "8660734" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8686864" | "8688594" | "8694328" | "8694605" | "8695919" | "8706297" | "8706394" | "8712441" | "8713055" | "8713121" | "8713143" | "8717170" | "8718910" | "8723679" | "8725551" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8751065" | "8751271" | "8760432" | "8775405" | "8794566" | "8799037" | "8799253" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8825226" | "8832556").PN. OR ("8836281" | "8977408" | "D710454").PN. OR ("2007/0207789" | "2011/0060480" | "2012/0087634" | "2014/0309862" | "2014/0310031" | "2014/0310788" | "2015/0203125" | "6155954" | "7006986" | "8050815" | "8209436" | "8463488" | "8768313" | "9171268" | "9229905" | "9372607" | "9373149" | "9684911").URPN.				
L1036	3730	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) near4 (module program engine) AND (appl$4 enact$4) near8 (setting preference temperature	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))					
L1037	1961	(vehicle truck car automobile) AND (user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1038	112	(user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1039	14	((user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1040	108	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM

		preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) WITH (vehicle truck car automobile)					
L1041	84	(user driver customer) near3 (profile (user driver) near2(setting preference)) Near10 (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) Near10 (vehicle truck car automobile)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1042	1294444	(B60L53/665 OR B60L53/68 OR B60W40/08 OR G06F17/00 OR G06Q10/10 OR G06Q10/20 OR G06Q20/18 OR G06Q20/325 OR G06Q30/00 OR G06Q30/0643 OR G06Q30/0645 OR G06Q50/06 OR G07F15/005 OR H04L67/06 OR H04L67/10 OR H04L67/306 OR H04W4/02 OR H04W4/029 OR B60L2240/70 OR B60L2250/12 OR B60L2250/16 OR B60L2250/20 OR B60W2040/0809 OR Y02T10/70 OR Y02T10/7072 OR Y02T10/72 OR Y02T90/12 OR Y02T90/14 OR Y02T90/16 OR Y02T90/167 OR Y04S30/14 OR G06Q20/308 OR Y02T90/169).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1043	45	L151 AND L149	(US-PGPUB; USPAT;	OR	ON	ON	2024/08/14

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:28 AM
L1044	266	((("PENILLA") near3 ("Angel")) OR (("PENILLA") near3 ("Albert"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/08/14 11:28 AM
L1045	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1046	991845	(H04L67/06 or H04W4/02 or H04W4/029 or B60L53/68 or B60L58/12 or B60L53/665 or H04L67/306 or H04L67/10 or B60W40/08 or G06Q10/10 or G07F15/005 or G06Q50/06 or G06Q30/0645 or G06Q30/0643 or G06Q30/00 or G06Q20/18 or G06Q10/20 or G06Q20/325 or G06F17/00 or Y04S30/14 or Y02T90/121 or Y02T10/7291 or Y02T90/169 or Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1047	212768	(Y02T90/121 or Y02T10/7291 or Y02T90/169 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 11:28 AM

		Y02T90/163 or Y02T10/7088 or B60L2250/20 or B60L2250/16 or B60L2250/12 or B60L2240/70 or B60W2040/0809 or Y02T90/128 or Y02T90/14 or Y02T90/16 or Y02T10/705 or Y02T10/7005 or Y02T10/7044).cpc.	IBM_TDB)				
L1048	98	(L4 L3) and L2	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1049	225	(L4 L3) and L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1050	41	L6 and L5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1051	54364	(vehicle near10 (biometric face fingerprint voice) ner10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1052	63	L8 and L1 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1053	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1054	33	"8050815"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1055	1	("8050815").PN.	(US-PGPUB; USPAT;	OR	OFF	OFF	2024/08/14

			USOCR)				11:28 AM
L1056	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1057	16	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1058	104	vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1059	215	vehicle with (biometric face fingerprint voice) with (profile account) and (user driver passenger) with (verif$4) with (profile account) and (profile account) with vehicle with (settings preferences)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1060	98	L16 and (L3 L4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1061	57	L16 and (L3 L4) not L1	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 11:28 AM
L1062	16	(vehicle near10 (biometric face fingerprint voice)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 11:28 AM

		near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	IBM_TDB)				
L1063	1813	("20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010034724" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020008645" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 11:28 AM

		"20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" | "20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078709" | "20030078897" | "20030088520" | "20030144005" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030162523" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040010358" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581").PN. OR ("20040044454" | "20040054428" | "20040056762" | "20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040138790" | "20040139034" | "20040139049" | "20040145593" |				

		"20040146199" | "20040148275" | "20040148354" | "20040153466" | "20040157648" | "20040158371" | "20040158373" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" | "20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" | "20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050107928" | "20050108520" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" |				

		"20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" | "20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550").PN. OR ("20050219044" | "20050225429" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050261815" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060001523" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" |				

		"20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060155439" | "20060161599" | "20060166631" | "20060173587" | "20060178972" | "20060184578" | "20060184617" | "20060184997" | "20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060258377" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293813" | "20060293976" | "20060294011" | "20070002057" | "20070003182").PN. OR ("20070005683" | "20070005750" |				

		"20070011148" | "20070011617" | "20070016689" | "20070027595" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" | "20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070200663" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" |				

		"20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" | "20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080020814" | "20080032666").PN. OR ("20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" |				

		"20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" | "20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080223646" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" |				

		"20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" | "20080263460" | "20080269979" | "20080269992" | "20080270158" | "20080270366").PN. OR ("20080270615" | "20080270945" | "20080275604" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" | "20090006473" | "20090007195" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" |				

		"20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090207004" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" | "20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383").PN. OR ("20100243794" | "20100255899" | "20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" |					

		"20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" | "20120123667" | "20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" |				

		"20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179").PN. OR ("20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" | "20140100900" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" |					

		"2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" | "4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5793028" | "5794207" | "5805719" | "5805810" | "5819269" | "5826244" | "5826245" | "5831664" | "5835896" | "5838812" | "5852810" | "5870723" | "5883810" | "5903721" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "5991750" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" | "6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6226624" | "6229533").PN. OR ("6236990" | "6267292" | "6269369" | "6308177" | "6310542" | "6317718" | "6332134" | "6336111" | "6339745" | "6351739" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6429773" | "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6505780" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136"					

		| "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6741920" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6879910" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6924750" | "6925368" | "6926233" | "6931419" | "6947908" | "6950791" | "6963879" | "6963899" | "6968179" | "6968513" | "6970075" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "6999858" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7039708" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7135967" | "7136915" | "7138914" | "7155321" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" | "7184990" | "7188056" | "7188080" | "7188153" | "7209803").PN. OR ("7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868"					

		| "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7477970" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7561950" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" | "7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089" | "8060389" | "8060555" | "8064590").PN. OR ("8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601"				

		| "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546" | "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" | "8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "8794566" | "8799253" | "8825226" | "8832556" | "D710454").PN. OR ("2014/0309862" | "2014/0310031" | "2014/0310788" | "7006986" | "8050815" | "9373149").URPN.				
L1064	1453	("20020064258" | "20020085043" | "20020133273" |	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 11:28 AM

		"20030065805" |	IBM_TDB)				
		"20030137277" |					
		"20030153278" |					
		"20030204290" |					
		"20030205619" |					
		"20030220835" |					
		"20030234325" |					
		"20040046506" |					
		"20040059471" |					
		"20040064235" |					
		"20040078655" |					
		"20040092253" |					
		"20040093155" |					
		"20040265671" |					
		"20050021190" |					
		"20050035741" |					
		"20050044245" |					
		"20050110460" |					
		"20050231119" |					
		"20060125620" |					
		"20060182241" |					
		"20060197677" |					
		"20060282381" |					
		"20060287783" |					
		"20070068714" |					
		"20070126395" |					
		"20070238491" |					
		"20070282495" |					
		"20080039979" |					
		"20080039989" |					
		"20080040129" |					
		"20080040223" |					
		"20080040295" |					
		"20080052145" |					
		"20080086411" |					
		"20080097904" |					
		"20080155008" |					
		"20080180027" |					
		"20080203973" |					
		"20080228613" |					
		"20080281663" |					
		"20080294283" |					
		"20080312782" |					
		"20090011639" |					
		"20090021213" |					
		"20090021385" |					
		"20090030712" |					
		"20090043519" |					
		"20090058355" |					
		"20090066287" |					
		"20090076913" |					
		"20090082957" |					
		"20090091291" |					
		"20090092864" |					
		"20090144001" |					
		"20090157289" |					
		"20090164473" |					
		"20090174365" |					

		"20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" |					

		"20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" |				

		"20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" |				

		"6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.				

L1193	50	(Artificial Intelligence) Similar to: 17/873,096 with 0 CPC Selections and 0 Text Selections Text: (US-20230077434-A1 OR US-11396244-B2 OR US-20200186590-A1 OR US-10652312-B2 OR US-20190190980-A1 OR US-9229905-B1 OR US-20160173568-A1 OR US-10218771-B2 OR US-9171268-B1 OR US-10554759-B2 OR US-20190199800-A1 OR US-10225350-B2 OR US-20160198002-A1 OR US-20160359980-A1 OR US-9288270-B1 OR US-9104537-B1 OR US-9426225-B2 OR US-9365188-B1 OR US-20160080500-A1 OR US-20160318481-A1 OR US-9215274-B2 OR US-11738659-B2 OR US-20210394637-A1 OR US-11104245-B2 OR US-20200047714-A1 OR US-9663067-B2 OR US-20180134254-A1 OR US-20240171948-A1 OR US-20150304406-A1 OR US-9139091-B1 OR US-20160214535-A1 OR US-10286842-B2 OR US-9697503-B1 OR US-20170267214-A1 OR US-10407026-B2 OR US-11889394-B2 OR US-10071643-B2 OR US-9809196-B1 OR US-9467515-B1 OR US-9229623-B1 OR JP-2013039029-A OR US-9285944-B1 OR US-20170320398-A1 OR US-9802500-B1 OR US-20190196851-A1 OR US-20230202413-A1 OR US-10223134-B1 OR US-11734026-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/08/14 12:00 PM

		B2 OR CN-111907529-A OR US-10286798-B1).did.					
L1194	50	(Artificial Intelligence) Similar to: 17/873,096 with 0 CPC Selections and 1 Text Selection Text: (US-9229905-B1 OR DE-102013020306-A1 OR US-10246102-B2 OR US-6675082-B2 OR EP-3501886-B1 OR US-20030204296-A1 OR EP-3501886-A1 OR US-20140194056-A1 OR US-20200186590-A1 OR US-20240008111-A1 OR US-20180265094-A1 OR US-20200245144-A1 OR US-20230077434-A1 OR US-11148658-B2 OR US-11396244-B2 OR US-20160104486-A1 OR US-10210487-B2 OR US-10652312-B2 OR US-20190190980-A1 OR US-20110137520-A1 OR US-9493130-B2 OR US-20140309866-A1 OR WO-2014172316-A1 OR US-11818538-B2 OR US-20210127438-A1 OR US-11546954-B2 OR US-20210204057-A1 OR US-10912135-B2 OR US-20200037379-A1 OR US-20240171948-A1 OR US-20230389095-A1 OR CN-113052648-A OR US-20210173532-A1 OR US-20190077346-A1 OR US-20220024446-A1 OR EP-3842937-B1 OR US-20180089912-A1 OR US-11889394-B2 OR US-20200391755-A1 OR US-10829068-B2 OR US-11358603-B2 OR US-6665600-B2	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/08/14 12:00 PM

		OR US-11794676-B1 OR US-20180188064-A1 OR US-20030195686-A1 OR DE-102018122188-A1 OR WO-2024010669-A1 OR WO-2013130036-A1 OR US-7477970-B2 OR US-8706349-B2).did.					
L1195	94079	(server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 12:26 PM
L1196	28401	(Verif$4 access$4 authenticat$4) WITH (server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 12:28 PM
L1197	50029	(Verif$4 access$4 authenticat$4) WITH (server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile (user driver passenger) near4 (associat$4 link$4)) near8 (setting	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 12:29 PM

		preference radio temperature seat near2 (position posture) entertainment customiz$4)					
L1198	2096	(Verif$4 access$4 authenticat$4) WITH (server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile (user driver passenger) near4 (associat$4 link$4)) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) WITH (vehicle autombile truck lorrey lorey car)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 12:30 PM
L1199	2207	(Verif$4 access$4 authenticat$4) WITH (server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile (user driver passenger) near4 (associat$4 link$4)) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) WITH (vehicle autombile truck lorrey lorey car aircraft airplane aeroplane)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 12:31 PM
L1200	1689	(Verif$8 access$4 authenticat$4) WITH (user driver passenger rider) WITH (profile) WITH (vehicle autombile truck lorrey lorey car aircraft	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/08/14 12:34 PM

		airplane aeroplane) AND (server remote cloud internet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile (user driver passenger) near4 (associat$4 link$4)) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) WITH (vehicle autombile truck lorrey lorey car aircraft airplane aeroplane)	IBM_TDB)				
L1201	2538723	(B60L53/665 OR B60L53/68 OR B60W40/08 OR G06F17/00 OR G06Q10/10 OR G06Q10/20 OR G06Q20/18 OR G06Q20/325 OR G06Q30/00 OR G06Q30/0643 OR G06Q30/0645 OR G06Q50/06 OR G07F15/005 OR H04L67/06 OR H04L67/10 OR H04L67/306 OR H04W4/02 OR H04W4/029 OR B60L2240/70 OR B60L2250/12 OR B60L2250/16 OR B60L2250/20 OR B60W2040/0809 OR Y02T10/70 OR Y02T10/7072 OR Y02T10/72 OR Y02T90/12 OR Y02T90/14 OR Y02T90/16 OR Y02T90/167 OR Y04S30/14 OR B60L53/67 OR B60L2240/68 OR B60L2240/72 OR B60L2240/80 OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 03:24 PM

		B60W40/09 OR B60W2540/043 OR B60W2556/10 OR G06Q20/145 OR G06Q20/308 OR G08G1/205 OR H04L63/0861 OR H04W4/80 OR H04W12/06 OR H04W12/50).cpc.					
L1202	926	L1200 AND L1201	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 03:24 PM
L1203	25	((US-20140310031-A1 OR US-20140310788-A1 OR US-20150203125-A1 OR US-20140309862-A1 OR US-20120087634-A1 OR US-20090204316-A1 OR US-20090150167-A1 OR US-20130090781-A1 OR US-20070207789-A1 OR US-20090144622-A1 OR US-20110060480-A1).did. AND PGPB.dbnm.) OR ((US-9171268-B1 OR US-9372607-B1 OR US-7006986-B1 OR US-9373149-B2 OR US-9229905-B1 OR US-9684911-B2 OR US-8209436-B2 OR US-8463488-B1 OR US-8768313-B2 OR US-6155954-A OR US-8050815-B2 OR US-6064996-A).did. AND USPT.dbnm.) OR ((US-20140310788-A1 OR EP-908339-A1).did. AND DWPI.dbnm.)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/14 03:27 PM
L1204	3015	("5917407" | "6061660" | "20030149617" | "20040054561" | "20060116132" | "20070239627" | "20090144151" | "20090258642" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/14 03:28 PM

		"20110060480" | "5793028" | "5805719" | "5826245" | "5838812" | "5870723" | "5883810" | "5903721" | "5991750" | "6226624" | "6267292" | "6332134" | "6351739" | "6947908" | "20010034724" | "5993351" | "6048289" | "6053842" | "7171199" | "7412446" | "20040098419" | "20040117322" | "20060026587" | "20060059260" | "20060120518" | "20070106672" | "20070250617" | "20080016231" | "20080215758" | "20080244060" | "20090302998" | "7272407" | "7925265" | "8229160" | "8358811" | "20020102966" | "20040212630" | "20050091604" | "20060031684" | "20060047584" | "20060217199" | "20070100480" | "20070159522" | "20090031381" | "20090237546" | "20090252383" | "20090279794" | "20090285492" | "20100260426" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" |					

		"5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6727809" | "6741036" | "6765495" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541" | "7402978" | "7496947" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" |				

		"8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408" | "20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" | "20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050044245" | "20050231119" | "20060125620" | "20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" |				

		"20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939" | "20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" |				

		"20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" |				

		"20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "2035218" | "3253806" | "3556438" | "3762669" | "4119163" | "4161843" | "4375354" | "4556198" | "4779203" | "4914605" | "4996468" | "5006988" | "5032989" | "5050844" | "5199686" | "5208750" | "5325294" | "5372211" | "5521817" | "5572449" | "5577567" | "5581630" | "5584025" | "5590062" | "5617319" | "5630103" | "5671342" | "5720363" | "5751245" | "5774133" | "5794207" | "5805810" | "5819269" | "5826244" | "5831664" | "5835896" | "5852810" | "5904214" | "5905499" | "5907322" | "5926765" | "5930474" | "5937413" | "5940806" | "5991737" | "6024288" | "6029141" | "6029195" | "6034618" | "6036601" | "6047194" | "6047236" | "6049778" | "6059263" |				

		"6073138" | "6078906" | "6088702" | "6092076" | "6092105" | "6101484" | "6108639" | "6122592" | "6134486" | "6148260" | "6148289" | "6175831" | "6199076" | "6229533" | "6236990" | "6269369" | "6308177" | "6317718" | "6336111" | "6339745" | "6356834" | "6381537" | "6401085" | "6405123" | "6408307" | "6445983" | "6453339" | "6470268" | "6480885" | "6487583" | "6498982" | "6507776" | "6513069" | "6519629" | "6532007" | "6542813" | "6542817" | "6542936" | "6557013" | "6587787" | "6597983" | "6600418" | "6611751" | "6615039" | "6622086" | "6629136" | "6633311" | "6636803" | "6640187" | "6643663" | "6646568" | "6647383" | "6654800" | "6658410" | "6662016" | "6672601" | "6677894" | "6684196" | "6687878" | "6691105" | "6691114" | "6711414" | "6716101" | "6719570" | "6721748" | "6728635" | "6745196" | "6750881" | "6798407" | "6816850" | "6819267" | "6834229" | "6847823" | "6871140" | "6882307" | "6883748" | "6889213" | "6907405" | "6918576" | "6926233" | "6931419" | "6950791" | "6963879" | "6968179" | "6968513" | "6974123" | "6976031" | "6978284" | "6983139" | "6987976" | "7006881" | "7013292" | "7024397" | "7024455" | "7038681" | "7047202" | "7050909" | "7068309" | "7069308" | "7072849" | "7076409" | "7076741" | "7079943" | "7080019" | "7080096" | "7085650" | "7099745" | "7099862" | "7117254" | "7130702" | "7136915" | "7155336" | "7158878" | "7174301" | "7177872" | "7178720" |				

		"7184990" | "7188056" | "7188080" | "7188153" | "7209803" | "7218993" | "7228232" | "7233942" | "7249123" | "7249732" | "7251647" | "7254559" | "7269590" | "7293019" | "7296026" | "7306186" | "7324810" | "7343564" | "7353034" | "7353114" | "7353199" | "7359871" | "7359894" | "7373244" | "7375618" | "7383251" | "7386542" | "7389210" | "7424438" | "7424541" | "7426970" | "7433832" | "7433868" | "7437368" | "7441031" | "7444241" | "7447509" | "7447685" | "7447771" | "7454524" | "7475953" | "7477285" | "7478324" | "7480867" | "7483960" | "7487114" | "7496603" | "7500258" | "7505919" | "7505929" | "7520466" | "7525276" | "7539557" | "7561169" | "7562023" | "7570597" | "7580862" | "7581702" | "7587276" | "7596511" | "7599795" | "7599935" | "7617048" | "7636687" | "7640204" | "7658346" | "7668405" | "7669123" | "7680673" | "7680859" | "7693953" | "7702545" | "7725492" | "7734254" | "7751971" | "7761789" | "7792815" | "7797256" | "7801542" | "7802290" | "7808378" | "7809709" | "7809805" | "7810037" | "7812717" | "7823073" | "7827052" | "7827120" | "7827208" | "7827265" | "7831917" | "7840224" | "7840319" | "7840558" | "7848765" | "7853518" | "7853563" | "7860889" | "7870199" | "7873471" | "7881864" | "7886024" | "7894933" | "7894939" | "7894981" | "7904366" | "7913179" | "7933808" | "7933810" | "7945653" | "7949714" | "7958011" | "7961986" | "7962281" | "7966567" | "7969606" |				

		"7970657" | "7980808" | "7991703" | "7996109" | "7996270" | "8010230" | "8027943" | "8046309" | "8051089" | "8060389" | "8060555" | "8064590" | "8065291" | "8073907" | "8095430" | "8103734" | "8107879" | "8108501" | "8112419" | "8117486" | "8136145" | "8139514" | "8145661" | "8145703" | "8149113" | "8167234" | "8171128" | "8190357" | "8190476" | "8195601" | "8195744" | "8204624" | "8204776" | "8204952" | "8223012" | "8225376" | "8229470" | "8249943" | "8271057" | "8275546" | "8290943" | "8292215" | "8296373" | "8301743" | "8315389" | "8326091" | "8326315" | "8328130" | "8346677" | "8352183" | "8364757" | "8370003" | "8380382" | "8380638" | "8391789" | "8391909" | "8401771" | "8402094" | "8402372" | "8412576" | "8412675" | "8422994" | "8427308" | "8428565" | "8433609" | "8433650" | "8438156" | "8442923" | "8443107" | "8447810" | "8463295" | "8463764" | "8473199" | "8493849" | "8504284" | "8504512" | "8510268" | "8521656" | "8538458" | "8543143" | "8543323" | "8548493" | "8554770" | "8554852" | "8560515" | "8584091" | "8589330" | "8594715" | "8595292" | "8600602" | "8615565" | "8620532" | "8620827" | "8621374" | "8626699" | "8627506" | "8635015" | "8649976" | "8650103" | "8655873" | "8660541" | "8660897" | "8666660" | "8671095" | "8671106" | "8683342" | "8688594" | "8694605" | "8695919" | "8706297" | "8712441" | "8713055" | "8713143" | "8718910" | "8723679" | "8732091" |				

		"8732155" | "8732219" | "8732846" | "8738545" | "8775405" | "D710454" | "8794566" | "8799253" | "8825226" | "8832556" | "20010005829" | "20010016795" | "20010020955" | "20010029426" | "20010029501" | "20010036833" | "20010037721" | "20010042087" | "20010049616" | "20010049636" | "20020019739" | "20020023018" | "20020026388" | "20020029350" | "20020030689" | "20020038225" | "20020046131" | "20020046243" | "20020049617" | "20020059201" | "20020059379" | "20020065691" | "20020065739" | "20020070967" | "20020072848" | "20020077060" | "20020077901" | "20020078171" | "20020087260" | "20020087506" | "20020090996" | "20020091556" | "20020097267" | "20020099693" | "20020103813" | "20020103892" | "20020111988" | "20020124009" | "20020124053" | "20020130906" | "20020133292" | "20020143462" | "20020147638" | "20020156782" | "20020156917" | "20020160762" | "20020161666" | "20020169662" | "20020184496" | "20020188522" | "20030004802" | "20030005035" | "20030018521" |				

		"20030023489" | "20030023586" | "20030033176" | "20030036958" | "20030036963" | "20030055983" | "20030061503" | "20030063072" | "20030064705" | "20030065716" | "20030069002" | "20030069693" | "20030078897" | "20030088520" | "20030145093" | "20030154020" | "20030154213" | "20030158668" | "20030177019" | "20030177192" | "20030182222" | "20030200192" | "20030218253" | "20030220807" | "20030222918" | "20030225632" | "20030225833" | "20040002871" | "20040003283" | "20040021584" | "20040024846" | "20040030525" | "20040030741" | "20040039581" | "20040054428" | "20040056762" | "20040088177" | "20040109012" | "20040111302" | "20040122570" | "20040122693" | "20040128215" | "20040135805" | "20040139034" | "20040139049" | "20040145593" | "20040146199" | "20040148275" | "20040153466" | "20040157648" | "20040158488" | "20040162064" | "20040166878" | "20040167787" | "20040172280" | "20040186766" | "20040210661" | "20040215517" |				

		"20040215559" | "20040217884" | "20040217980" | "20040220903" | "20040220906" | "20040230562" | "20040236771" | "20040243478" | "20040257340" | "20040260604" | "20040260677" | "20040267625" | "20050015488" | "20050018177" | "20050021750" | "20050027723" | "20050034075" | "20050044061" | "20050049971" | "20050055353" | "20050086309" | "20050091027" | "20050091175" | "20050091209" | "20050094851" | "20050096977" | "20050097319" | "20050108520" | "20050114527" | "20050114759" | "20050114783" | "20050120084" | "20050131761" | "20050137015" | "20050143174" | "20050144065" | "20050149432" | "20050154639" | "20050159970" | "20050171799" | "20050171832" | "20050171954" | "20050171955" | "20050177385" | "20050187823" | "20050192859" | "20050192912" | "20050192999" | "20050193410" | "20050197775" | "20050197846" | "20050197950" | "20050198020" | "20050198031" | "20050198305" | "20050203768" | "20050203769" | "20050203807" |				

		"20050209776" | "20050209781" | "20050216186" | "20050216300" | "20050216550" | "20050219044" | "20050235062" | "20050240580" | "20050251331" | "20050256756" | "20050259648" | "20050270299" | "20050273346" | "20050283497" | "20050288957" | "20050288958" | "20050289650" | "20060004680" | "20060004703" | "20060004734" | "20060022048" | "20060023881" | "20060025883" | "20060026147" | "20060036588" | "20060036748" | "20060041543" | "20060042483" | "20060047825" | "20060048059" | "20060052091" | "20060058921" | "20060058952" | "20060059023" | "20060064431" | "20060074780" | "20060075335" | "20060080613" | "20060085419" | "20060088145" | "20060089882" | "20060100892" | "20060111811" | "20060113425" | "20060123053" | "20060125616" | "20060136127" | "20060136419" | "20060143066" | "20060143067" | "20060143083" | "20060143183" | "20060149624" | "20060161599" | "20060178972" | "20060184578" | "20060184617" | "20060184997" |				

		"20060190279" | "20060190281" | "20060194186" | "20060200384" | "20060212407" | "20060217885" | "20060218225" | "20060218226" | "20060223518" | "20060226281" | "20060229063" | "20060230061" | "20060238383" | "20060242139" | "20060242178" | "20060242581" | "20060247940" | "20060248573" | "20060251292" | "20060253491" | "20060256008" | "20060264209" | "20060265277" | "20060265417" | "20060270419" | "20060270421" | "20060271287" | "20060271472" | "20060293976" | "20060294011" | "20070002057" | "20070003182" | "20070005683" | "20070005750" | "20070011148" | "20070011617" | "20070016689" | "20070027920" | "20070032942" | "20070033064" | "20070033182" | "20070038646" | "20070043947" | "20070050360" | "20070061128" | "20070061405" | "20070067219" | "20070078747" | "20070078772" | "20070099609" | "20070105536" | "20070106627" | "20070112461" | "20070112645" | "20070112729" | "20070118430" | "20070118525" | "20070150375" |				

		"20070150603" | "20070156429" | "20070159651" | "20070162432" | "20070162458" | "20070162547" | "20070162942" | "20070167204" | "20070168852" | "20070168888" | "20070174389" | "20070179905" | "20070185906" | "20070192299" | "20070203644" | "20070203820" | "20070207755" | "20070208613" | "20070208802" | "20070208916" | "20070214141" | "20070218900" | "20070219659" | "20070219712" | "20070220174" | "20070226314" | "20070233291" | "20070233367" | "20070233375" | "20070233582" | "20070239352" | "20070239552" | "20070239648" | "20070245002" | "20070250321" | "20070250511" | "20070255785" | "20070255831" | "20070258642" | "20070259654" | "20070260599" | "20070261071" | "20070266003" | "20070266097" | "20070266118" | "20070268310" | "20070270163" | "20070271367" | "20070273558" | "20070281689" | "20070281690" | "20070281716" | "20070282621" | "20070282987" | "20070288164" | "20070288311" | "20070288621" | "20070294357" |				

		"20080005076" | "20080005231" | "20080010343" | "20080010365" | "20080016051" | "20080020814" | "20080032666" | "20080032703" | "20080033641" | "20080033652" | "20080033739" | "20080033776" | "20080039974" | "20080040370" | "20080040428" | "20080040474" | "20080040475" | "20080040673" | "20080043020" | "20080043037" | "20080046976" | "20080048065" | "20080051932" | "20080059992" | "20080065321" | "20080065611" | "20080070593" | "20080070697" | "20080071929" | "20080077464" | "20080077581" | "20080077642" | "20080077708" | "20080086368" | "20080086458" | "20080091461" | "20080091723" | "20080091786" | "20080097999" | "20080098090" | "20080098313" | "20080103959" | "20080104227" | "20080109718" | "20080115082" | "20080115226" | "20080117928" | "20080120308" | "20080125969" | "20080126355" | "20080126411" | "20080126476" | "20080126478" | "20080133495" | "20080133649" | "20080134035" | "20080148156" | "20080154733" |				

		"20080155019" | "20080162027" | "20080162211" | "20080162260" | "20080167771" | "20080168068" | "20080168175" | "20080172173" | "20080172244" | "20080172288" | "20080189292" | "20080189380" | "20080189768" | "20080195483" | "20080201156" | "20080208956" | "20080208969" | "20080215994" | "20080221846" | "20080221984" | "20080222140" | "20080222308" | "20080228719" | "20080228775" | "20080229424" | "20080231630" | "20080238941" | "20080240397" | "20080242317" | "20080243378" | "20080243598" | "20080243667" | "20080243830" | "20080250025" | "20080255759" | "20080256230" | "20080263460" | "20080269992" | "20080270158" | "20080270366" | "20080270615" | "20080270945" | "20080281854" | "20080288277" | "20080288612" | "20080294678" | "20080294747" | "20080300979" | "20080301565" | "20080306754" | "20080307053" | "20080307066" | "20080307320" | "20080316021" | "20080319778" | "20080319806" | "20090003265" | "20090006177" |				

		"20090006473" | "20090007195" | "20090018850" | "20090018925" | "20090019004" | "20090019085" | "20090019122" | "20090019366" | "20090019373" | "20090024740" | "20090029672" | "20090030927" | "20090031006" | "20090031245" | "20090031301" | "20090043650" | "20090044254" | "20090048922" | "20090049018" | "20090049037" | "20090049070" | "20090049127" | "20090061883" | "20090063252" | "20090063467" | "20090063500" | "20090064011" | "20090064144" | "20090069034" | "20090070334" | "20090070435" | "20090077100" | "20090102644" | "20090119275" | "20090132504" | "20090132644" | "20090171950" | "20090177577" | "20090177628" | "20090228305" | "20090254971" | "20090271417" | "20090271524" | "20090282353" | "20090284530" | "20090287682" | "20090299551" | "20100011081" | "20100023388" | "20100024045" | "20100051740" | "20100057555" | "20100064007" | "20100070075" | "20100076966" | "20100077316" | "20100079338" | "20100082683" |				

		"20100083125" | "20100088015" | "20100094548" | "20100100937" | "20100106731" | "20100108801" | "20100118025" | "20100120422" | "20100131589" | "20100138259" | "20100138318" | "20100191798" | "20100198684" | "20100214250" | "20100231383" | "20100243794" | "20100255899" | "20100275033" | "20100306016" | "20110001020" | "20110015954" | "20110022540" | "20110040681" | "20110040692" | "20110041084" | "20110061018" | "20110066588" | "20110066648" | "20110078012" | "20110078270" | "20110082747" | "20110087667" | "20110093340" | "20110093498" | "20110099142" | "20110106658" | "20110112976" | "20110128144" | "20110131172" | "20110151898" | "20110163160" | "20110174920" | "20110181470" | "20110184643" | "20110202426" | "20110219318" | "20110231268" | "20110246258" | "20110256895" | "20110258028" | "20110264692" | "20110291851" | "20120023196" | "20120047102" | "20120047448" | "20120077523" | "20120084289" | "20120096098" |				

		"20120123667" | "20120126974" | "20120138732" | "20120151569" | "20120163206" | "20120166935" | "20120179552" | "20120191606" | "20120191797" | "20120209775" | "20120221470" | "20120224076" | "20120232958" | "20120239483" | "20120239520" | "20120246024" | "20120254774" | "20120259688" | "20120264447" | "20120270567" | "20120278743" | "20120324018" | "20120331002" | "20130005307" | "20130024108" | "20130036458" | "20130041761" | "20130041862" | "20130054317" | "20130055163" | "20130068876" | "20130072114" | "20130073375" | "20130073474" | "20130080217" | "20130103437" | "20130105635" | "20130110631" | "20130151455" | "20130159127" | "20130204437" | "20130254670" | "20130282842" | "20130297589" | "20130301405" | "20130303197" | "20130317999" | "20130325325" | "20140032034" | "20140040179" | "20140067167" | "20140067704" | "20140067938" | "20140074736" | "20140076642" | "20140081450" | "20140087780" | "20140095293" |				

		"20140100900" | "20140108540" | "20140108556" | "20140108613" | "20140114866" | "20140115671" | "20140122295" | "20140123246" | "20140123247" | "20140130140" | "20140135039" | "20140136328" | "20140136414" | "20140136624" | "20140142848" | "20140143061" | "20140149244" | "20140149508" | "20140164126" | "20140165091" | "20140172727" | "20140204360" | "20140222298" | "20140222908" | "20140254896" | "20140277834" | "20140316243" | "20140337160" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" |				

		"6067008" | "6081205" | "6085131" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6727809" | "6741036" | "6765495" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541" | "7402978" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "20020064258" |				

		"20020085043" | "20020133273" | "20030137277" | "20030153278" | "20030205619" | "20030234325" | "20040046506" | "20040064235" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" |				

		"20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939" | "20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" |				

		"20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20130002876" | "20130020139" | "20130021162" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" |				

		"20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "7548491" | "20030204290" | "20060066149" | "20070046425" | "20070143482" | "20080093445" | "20080255722" | "20090069954" | "20100004818" | "20100045452" | "20110254655" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6301531" | "6307349" |					

		"6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541" | "7402978" | "7532965" | "7565396" | "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "20020064258" | "20020085043" | "20020133273" | "20030137277" | "20030153278" | "20030205619" |				

		"20030234325" | "20040046506" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050044245" | "20050110460" | "20050231119" | "20060125620" | "20060182241" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" |				

		"20100013434" | "20100017045" | "20100017249" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" | "20100057306" | "20100112843" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939" | "20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" |					

		"20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" | "20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742" | "20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" |				

		"20140236463" | "20140253018" | "20140277936" | "20140278089" | "20140300739" | "4697242" | "5041976" | "5140530" | "5200900" | "5293317" | "5361213" | "5361628" | "5657737" | "5745653" | "5781700" | "5877954" | "6310542" | "6429773" | "6505780" | "6741920" | "6879910" | "6924750" | "6925368" | "6963899" | "6970075" | "6999858" | "7039708" | "7135967" | "7138914" | "7155321" | "7477970" | "7561950" | "20020008645" | "20030078709" | "20030144005" | "20030162523" | "20040010358" | "20040044454" | "20040138790" | "20040148354" | "20040158371" | "20040158373" | "20050107928" | "20050225429" | "20050261815" | "20060001523" | "20060155439" | "20060166631" | "20060173587" | "20060258377" | "20060293813" | "20070027595" | "20070200663" | "20080223646" | "20080269979" | "20080275604" | "20090207004").pn. OR ("2014/0310031" | "2015/0203125" | "2009/0204316" | "2009/0150167" | "2012/0087634" | "2014/0310788" | "2014/0309862" | "9684911" | "7006986" | "6155954" | "8209436" | "8768313" | "9229905" | "9373149" | "9372607" | "8463488" | "9171268" | "2011/0060480" | "2013/0090781" |					

		"2007/0207789" | "2009/0144622" | "6064996" | "8050815").urpn. AND (PGPB | USPT | USOC).dbnm.					

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N24	9	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2019/09/28 07:08 PM
N25	9	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2019/09/28 07:09 PM
N26	451	("20020064258" | "20020085043" | "20020133273" | "20030065805" | "20030137277" | "20030153278" | "20030204290" | "20030205619" | "20030220835" | "20030234325" | "20040046506" | "20040059471" | "20040064235" | "20040078655" | "20040092253" | "20040093155" | "20040265671" | "20050021190" | "20050035741" | "20050044245" | "20050110460" | "20050231119" | "20060125620" |	(US-PGPUB; USPAT)	OR	ON	ON	2019/09/28 07:21 PM

		"20060182241" | "20060197677" | "20060282381" | "20060287783" | "20070068714" | "20070126395" | "20070238491" | "20070282495" | "20080039979" | "20080039989" | "20080040129" | "20080040223" | "20080040295" | "20080052145" | "20080086411" | "20080097904" | "20080155008" | "20080180027" | "20080203973" | "20080228613" | "20080281663" | "20080294283" | "20080312782" | "20090011639" | "20090021213" | "20090021385" | "20090030712" | "20090043519" | "20090058355" | "20090066287" | "20090076913" | "20090082957" | "20090091291" | "20090092864" | "20090144001" | "20090157289" | "20090164473" | "20090174365" | "20090177580" | "20090210357" | "20090287578" | "20090304101" | "20090312903" | "20090313032" | "20090313033" | "20090313034" | "20090313098" | "20090313104" | "20090313174" | "20100013434" | "20100017045" | "20100017249" | "20100037057" | "20100049396" | "20100049533" | "20100049610" | "20100049639" | "20100049737" |				

		"20100057306" | "20100112843" | "20100114469" | "20100141206" | "20100161481" | "20100161482" | "20100169008" | "20100198508" | "20100198513" | "20100211340" | "20100211643" | "20100222939").PN. OR ("20100268426" | "20100280956" | "20100304349" | "20110032110" | "20110074350" | "20110074351" | "20110077809" | "20110106329" | "20110112969" | "20110130885" | "20110187521" | "20110191265" | "20110193522" | "20110202218" | "20110246252" | "20110279083" | "20110307143" | "20110309929" | "20120013300" | "20120019204" | "20120025765" | "20120028680" | "20120041624" | "20120053754" | "20120074903" | "20120105197" | "20120123670" | "20120136743" | "20120136802" | "20120158244" | "20120179323" | "20120218128" | "20120229056" | "20120229085" | "20120232965" | "20120233077" | "20120262002" | "20120268068" | "20120268076" | "20120268242" | "20120280654" | "20120296512" | "20120303397" | "20120306445" | "20120310713" | "20120316671" |				

		"20120330494" | "20130002876" | "20130020139" | "20130021162" | "20130031318" | "20130037339" | "20130099892" | "20130103236" | "20130110296" | "20130110632" | "20130110653" | "20130127247" | "20130135093" | "20130144520" | "20130145065" | "20130179057" | "20130204466" | "20130241720" | "20130253746" | "20130280018" | "20130300554" | "20130317693" | "20130317694" | "20130328387" | "20130338820" | "20130342363" | "20140002015" | "20140019280" | "20140021908" | "20140042968" | "20140047107" | "20140066049" | "20140089016" | "20140106726" | "20140118107" | "20140120829" | "20140125355" | "20140136214" | "20140142783" | "20140163771" | "20140163774" | "20140164559" | "20140172192" | "20140172265" | "20140172727" | "20140179353" | "20140200742").PN. OR ("20140203077" | "20140207333" | "20140214261" | "20140214321" | "20140218189" | "20140232331" | "20140236414" | "20140236463" | "20140253018" | "20140277936" | "20140278089" |					

		"20140300739" | "3690397" | "3799063" | "3867682" | "4052655" | "4102273" | "4132174" | "4162445" | "4309644" | "4347472" | "4383210" | "4389608" | "4405891" | "4433278" | "4450400" | "4532418" | "4789047" | "4815840" | "5049802" | "5121112" | "5132666" | "5184058" | "5202617" | "5297664" | "5306999" | "5315227" | "5327066" | "5343970" | "5422624" | "5434781" | "5441122" | "5449995" | "5487002" | "5488283" | "5492190" | "5548200" | "5549443" | "5555502" | "5563491" | "5585205" | "5594318" | "5595271" | "5596258" | "5612606" | "5627752" | "5636145" | "5642270" | "5666102" | "5691695" | "5694019" | "5701706" | "5736833" | "5760569" | "5778326" | "5790976" | "5892598" | "5916285" | "5974136" | "5998963" | "6014597" | "6049745" | "6067008" | "6081205" | "6085131" | "6104160" | "6151539" | "6175789" | "6225776" | "6234932" | "6236333" | "6252380" | "6285931" | "6301531" | "6307349" | "6330497" | "6330499" | "6370475" | "6373380" | "6416209" | "6434465" | "6456041" | "6466658" | "6480767" | "6487477" | "6498454" | "6511192" | "6586866" | "6614204" | "6629024" | "6680547" | "6727809" | "6741036" | "6765495" | "6766874" | "6766949" | "6789733" | "6794849" | "6850898" | "6915869" | "6922629" | "6937140" | "6940254" | "7013205" | "7039389" | "7084781" | "7201384" | "7269416" | "7289611" | "7376497" | "7379541").PN. OR ("7402978" | "7496947" | "7532965" | "7565396"					

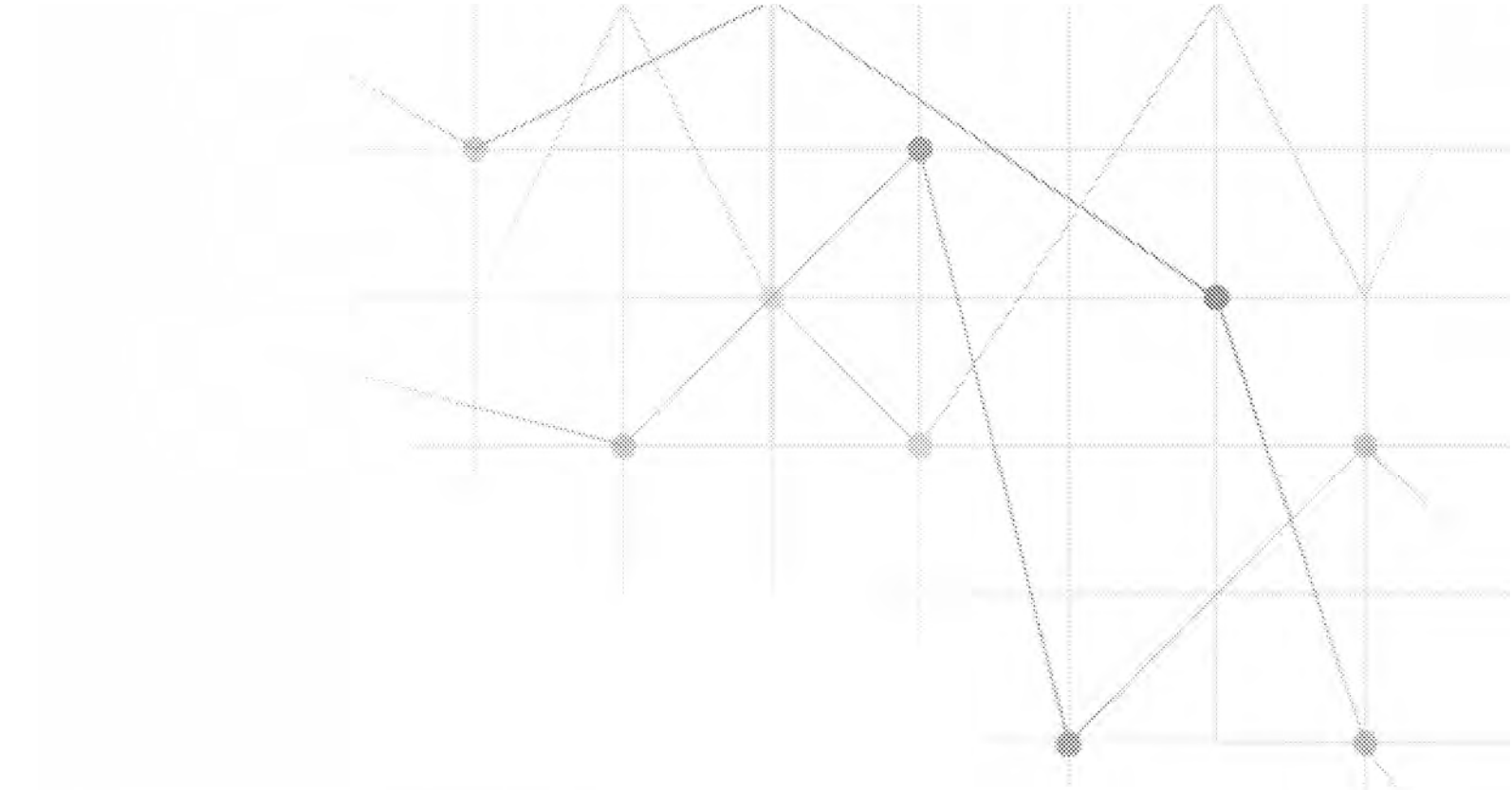
		| "7630802" | "7650210" | "7674536" | "7683771" | "7693609" | "7698078" | "7740092" | "7751945" | "7778746" | "7796052" | "7850351" | "7869576" | "7885893" | "7949435" | "7956570" | "7979198" | "7986126" | "7991665" | "8006793" | "8027843" | "8036788" | "8050815" | "8054048" | "8072318" | "8103391" | "8256553" | "8262268" | "8265816" | "8266075" | "8294420" | "8333492" | "8336664" | "8350526" | "8366371" | "8370030" | "8392065" | "8405347" | "8482255" | "8483775" | "8483907" | "8490005" | "8508188" | "8521599" | "8527135" | "8527146" | "8552686" | "8589019" | "8624719" | "8630741" | "8635091" | "8643329" | "8660734" | "8686864" | "8694328" | "8706394" | "8713121" | "8717170" | "8725551" | "8751065" | "8751271" | "8760432" | "8799037" | "8816845" | "8818622" | "8818725" | "8819414" | "8825222" | "8836281" | "8977408").PN. OR ("2015/0203125" | "9171268" | "9229905" | "9372607").URPN.					
N35	10	(vehicle near10 (biometric face fingerprint voice) near10 (profile account) and (user driver passenger) near10 (verif$4) near10 (profile account) and (profile account) near10 vehicle near10 (settings preferences)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/01/06 04:08 PM
N75	236	((transfer$4 sending sent receiv$4 transc$4) and (user driver) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 07:32 PM

		temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.					
N76	96	((transfer$4 sending sent receiv$4 transc$4) near10 (user driver customer) near4 (profile information prefrence setting) and (user driver customer profile) near4 (verify verification identifier) and (vehicle auto car truck automobile) near4 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume seat near2 (position setting))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 07:34 PM
N77	154	((vehicle truck car automobile) and (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 08:25 PM
N78	46	((vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 08:34 PM

N79	672	(vehicle truck car automobile) and (server remote$4 cloud internet) near8 (transfer$4 sending sent receiv$4 transc$4) near6 (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (user driver customer profile) near3 (verify verification identifier).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 08:38 PM
N80	4	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (apply$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 10:15 PM
N81	4	((vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 10:16 PM

		teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))).clm.					
N82	314	(vehicle truck car automobile) and (user driver customer) near3 (profile setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (learn$3 teach$4) near4 (module program engine) near10 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4)) and (appl$4 enact$4) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting reclin$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/07/01 10:16 PM
N83	8	((user driver customer) near3 (profile (user driver) near2(setting preference)) WITH (restrict$3 deny$3 denial) near8 (setting preference temperature climate AC air adj1 conditioner airconditioner radio volume (seat chair) near2 (position setting	(US-PGPUB; USPAT)	OR	ON	ON	2021/11/15 06:45 PM

		reclin$4)) WITH (vehicle truck car automobile)).clm.					
N84	58	((Verif$8 access$4 authenticat$4) WITH (user driver passenger rider) WITH (profile) WITH (vehicle autombile truck lorrey lorey car aircraft airplane aeroplane) AND (server remote cloud intemet database) WITH (user driver passenger rider) WITH (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) AND (profile (user driver passenger) near4 (associat$4 link$4)) near8 (setting preference radio temperature seat near2 (position posture) entertainment customiz$4) WITH (vehicle autombile truck lorrey lorey car aircraft airplane aeroplane)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/14 03:27 PM



Search History

Report Run Date: 2024-08-14 UTC
Searches: 1
Markers: 0

Search #	Timestamp	Results	Page
1	2024-08-14 14:46 UTC	39,936,148	3

Content: Patent Publications (169)

US Patents | US Designs | US Applications | EPO Patents | EPO Applications | China Patents | China Applications | Japan Patents | Japan Applications | Korea Patents | Korea Applications | WIPO Applications | Argentina Patents | Argentina Applications | Brazil Patents | Brazil Applications | Canada Patents | Canada Applications | Chile Patents | Chile Applications | Colombia Applications | Costa Rica Applications | Cuba Patents | Cuba Applications | Dominican Republic Applications | Ecuador Patents | Ecuador Applications | El Salvador Applications | Guatemala Applications | Honduras Applications | Mexico Patents | Mexico Applications | Nicaragua Patents | Panama Applications | Peru Applications | Trinidad & Tobago Patents | Uruguay Applications | Austria Patents | Austria Applications | Belarus Patents | Belgium Patents | Belgium Applications | Bosnia & Herzegovina Patents | Bosnia & Herzegovina Applications | Bulgaria Patents | Bulgaria Applications | Croatia Patents | Croatia Applications | Czech Republic Patents | Czech Republic Applications | Czechoslovakia Patents | Czechoslovakia Applications | Denmark Patents | Denmark Applications | Estonia Patents | Estonia Applications | EUIPO Patents | Finland Patents | Finland Applications | France Patents | France Applications | Germany Patents | Germany Applications | Great Britain Patents | Great Britain Applications | Greece Patents | Greece Applications | Hungary Patents | Hungary Applications | Iceland Patents | Iceland Applications | Ireland Patents | Ireland Applications | Italy Patents | Italy Applications | Latvia Patents | Latvia Applications | Lithuania Patents | Lithuania Applications | Luxembourg Patents | Luxembourg Applications | Malta Patents | Monaco Patents | Montenegro Patents | Montenegro Applications | Netherlands Patents | Netherlands Applications | Norway Patents | Norway Applications | Poland Patents | Poland Applications | Portugal Patents | Portugal Applications | Republic of Moldova Patents | Republic of Moldova Applications | Romania Patents | Romania Applications | San Marino Patents | San Marino Applications | Serbia Patents | Serbia Applications | Slovakia Patents | Slovakia Applications | Slovenia Patents | Spain Patents | Spain Applications | Sweden Patents | Sweden Applications | Switzerland Patents | Switzerland Applications | Ukraine Patents | Yugoslavia/Serbia and Montenegro Patents | Yugoslavia/Serbia and Montenegro Applications | Armenia Patents | Australia Patents | Australia Applications | Cyprus Patents | Gulf Cooperation Council Patents | Hong Kong Patents | India Patents | India Applications | Indonesia Patents | Indonesia Applications | Israel Patents | Israel Applications | Jordan Patents | Jordan Applications | Kyrgyzstan Patents | Macao Applications | Malaysia Patents | Mongolia Patents | New Zealand Patents | Philippines Patents | Philippines Applications | Saudi Arabia Patents | Saudi Arabia Applications | Singapore Patents | Singapore Applications | Taiwan Patents | Taiwan Applications | Tajikistan Patents | Tajikistan Applications | Thailand Patents | Thailand Applications | Uzbekistan Patents | Vietnam Patents | Algeria Patents | ARIPO Patents | ARIPO Applications | Egypt Patents | Kenya Patents | Malawi Patents | Morocco Patents | Morocco Applications | OAPI Patents | South Africa Patents | Tunisia Applications | Zambia Patents | Zimbabwe Patents | EAPO Patents | EAPO Applications | Georgia Patents | Georgia Applications | Kazakhstan Patents | Kazakhstan Applications | Russia Patents | Russia Applications | Turkey Patents | Turkey Applications

1 **2024-08-14 14:46 UTC | 39,936,148 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text

A cloud-based system including one or more data centers, and each data center of the cloud-based system includes one or more servers, wherein some of said one or more servers have program instructions for enabling connections with vehicles and providing services to vehicles, wherein one service includes enabling access to settings associated with profiles of user accounts of the cloud-based system, comprising: a server for receiving a request from a vehicle to access a profile for a user account, the request identifies user information related to a user; a server for processing at least part of the user information to verify the access, the profile having a plurality of settings of the user for the vehicle, at least part of the plurality of settings of the profile being stored on storage accessible to said one or more servers; and a server for transferring, upon verification of the user information, one or more settings of the plurality of settings to the vehicle, the transferring is configured to instruct software and hardware associated the vehicle to enable said one or more settings one the vehicle for customizing said vehicle for the user, the request and the

transferring being via wireless communication of said vehicle.

Concept Modifiers: None

Filters: None

Bibliographic Data

Application No: 17/873,096

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /FREDERICK M BRUSHABER/ (Examiner's Signature) | (Initials)

Title: SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
07/25/2022	709	3665	VOLTP018.5.1.C4
RULE			

APPLICANTS

Emerging Automotive, LLC, Los Altos, CA,

INVENTORS

Angel A. Penilla, Sacramento, CA, UNITED STATES

Albert S. Penilla, Santa Cruz, CA, UNITED STATES

CONTINUING DATA

This application is a CON of 16788253 02/11/2020 PAT 11396244

16788253 is a CON of 16285706 02/26/2019 PAT 10652312

16285706 is a CON of 14987755 01/04/2016 PAT 10218771

14987755 is a CON of 13842158 03/15/2013 PAT 9229905

13842158 has PRO of 61745729 12/24/2012

16285706 is a CIP of 13452881 04/22/2012 PAT 10217160

13452881 has PRO of 61478436 04/22/2011

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

12/06/2022

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

PENILLA IP, APC - PATENT LAW

5619 Scotts Valley Drive

SUITE 280

Scotts Valley, CA 95066
UNITED STATES

FILING FEE RECEIVED

$830

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
17/873,096	**08/08/2024 11:27:36 PM Z ET**	**VOLTP018.5.1.C4**

Title of Invention

SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1006	FILED BY	Albert Penilla
PATENT CENTER #	66718502	FILING DATE	07/25/2022
CUSTOMER #	25920	FIRST NAMED INVENTOR	Angel A. Penilla
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
VOLTP0185_1_C4_Amendment_Efiledd.pdf	1	Response to Election / Restriction Filed	19 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
VOLTP0185_1_C4_Amendment_Efiledd.pdf	AAA5BC9B64451CB589C3DB9035CEC770ADC4DB7D92B2E621E123870703DE22333B3BFB405C89D639F191C44814014DF1023E9C3D0242D3A57172D806F023D833

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 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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Angel A. Penilla Application No: 17/873,096 Filed: July 25, 2022 For: METHODS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	Group Art Unit: 3665 Confirmation No. 1006 Examiner: Frederick M. Brushaber Atty. Docket No: VOLTP018.5.1.C4 Date: Aug. 8, 2024

RESPONSE TO RESTRICTION

Honorable Commissioner for Patents
Alexandria VA 22313-1450

This paper is responsive to the Office action dated **June 14, 2024**. The due date extends to **Aug. 14, 2024**.

The Applicant elects Group II, claims 17-20, without traverse, to prosecute in this application.

Please cancel claims 1-16.

A Notice of Allowance is respectfully requested.

If the Examiner has any questions concerning the present amendment, the Examiner is kindly requested to contact the undersigned at (408) 749-6903. If any other fees are due in connection with filing this amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No VOLTP018.5.C4).

Respectfully submitted,
PENILLA IP, APC

/Albert Penilla/

Albert S. Penilla, Esq.
Reg. No. 39,487

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.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/873,096	07/25/2022	Angel A. Penilla	VOLTP018.5.1.C4	1006

25920 7590 06/14/2024

PENILLA IP, APC - PATENT LAW
5619 Scotts Valley Drive
SUITE 280
Scotts Valley, CA 95066

EXAMINER	
BRUSHABER, FREDERICK M	

ART UNIT	PAPER NUMBER
3665	

NOTIFICATION DATE	DELIVERY MODE
06/14/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

efrain@penillaip.com
pipdocket@penillaip.com

Office Action Summary	Application No. 17/873,096	Applicant(s) Penilla et al.	
	Examiner FREDERICK M BRUSHABER	Art Unit 3665	AIA (FITF) Status No

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 7/25/2022.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-20 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☐ Claim(s) _____ is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☑ Claim(s) 1-20 are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Restriction

Restriction to one of the following inventions is required under 35 U.S.C. 121:

I. Claims 1 – 16, drawn to a vehicle apparatus that updates a user profile which upon a second use applies the updated settings to the vehicle, classified in H04L 67/306.

II. Claims 17 – 20, drawn to system that stores a profile in the cloud and upon verification transfers settings to the vehicle, classified in B60W 40/08.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are directed to related apparatus and systems. The related inventions are distinct if: (1) the inventions as claimed are either not capable of use together or can have a materially different design, mode of operation, function, or effect; (2) the inventions do not overlap in scope, i.e., are mutually exclusive; and (3) the inventions as claimed are not obvious variants. See MPEP § 806.05(j). In the instant case, the inventions as claimed have a materially different design, mode of operation, function, or effect. Furthermore, the inventions as claimed do not encompass overlapping subject matter and there is nothing of record to show them to be obvious variants.

Restriction for examination purposes as indicated is proper because all these inventions listed in this action are independent or distinct for the reasons given above and there would be a serious search and examination burden if restriction were not required because one or more of the following reasons apply:

(a) the inventions have acquired a separate status in the art in view of their different classification;

(b) the inventions have acquired a separate status in the art due to their recognized divergent subject matter;

(c) the inventions require a different field of search (for example, searching different classes/subclasses or electronic resources, or employing different search queries);

(d) the prior art applicable to one invention would not likely be applicable to another invention;(e) the inventions are likely to raise different non-prior art issues under 35 U.S.C. 101 and/or 35 U.S.C. 112, first paragraph.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of an invention to be examined even though the requirement may be traversed (37 CFR 1.143) **and (ii) identification of the claims encompassing the elected invention**.

The election of an invention may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 CFR 1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected invention.

If claims are added after the election, applicant must indicate which of these claims are readable upon the elected invention.

Should applicant traverse on the ground that the inventions are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named

inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FREDERICK M BRUSHABER whose telephone number is (313)446-4839. The examiner can normally be reached Monday-Friday 8am-5pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hunter Lonsberry can be reached on (571) 272-7298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/FREDERICK M BRUSHABER/
Primary Examiner, Art Unit 3665

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
17/873,096	07/25/2022	Angel A. Penilla	VOLTP018.5.1.C4

CONFIRMATION NO. 1006

25920
PENILLA IP, APC - PATENT LAW
5619 Scotts Valley Drive
SUITE 280
Scotts Valley, CA 95066

PUBLICATION NOTICE

OC000000137582949

Title:SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

Publication No.US-2023-0077434-A1
Publication Date:03/16/2023

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently https://portal.uspto.gov/pair/PublicPair. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 17/873,096

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	80		N/A	
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	350		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	400		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	20 minus 20 =	*	x 50 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 =	*	x 240 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	830		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
17/873,096	07/25/2022		830	VOLTP018.5.1.C4	20	2

CONFIRMATION NO. 1006

FILING RECEIPT

25920
PENILLA IP, APC - PATENT LAW
5619 Scotts Valley Drive
SUITE 280
Scotts Valley, CA 95066

Date Mailed: 12/09/2022

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Angel A. Penilla, Sacramento, CA;
Albert S. Penilla, Santa Cruz, CA;

Applicant(s)

Emerging Automotive, LLC, Los Altos, CA,

Power of Attorney:
Albert Penilla--39487

Domestic Priority data as claimed by applicant

This application is a CON of 16/788,253 02/11/2020 PAT 11396244
which is a CON of 16/285,706 02/26/2019 PAT 10652312
which is a CON of 14/987,755 01/04/2016 PAT 10218771
which is a CON of 13/842,158 03/15/2013 PAT 9229905
which claims benefit of 61/745,729 12/24/2012
and said 16/285,706 02/26/2019
is a CIP of 13/452,881 04/22/2012 PAT 10217160
which claims benefit of 61/478,436 04/22/2011

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 12/06/2022

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/873,096**

Projected Publication Date: 03/16/2023

Non-Publication Request: No

Early Publication Request: No

** **SMALL ENTITY** **

Title

SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor

community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

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

PTO/AIA/82A (07-13)
Approved for use through 01/31/2018. 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.

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	
Filing Date	July 25, 2022
First Named Inventor	Angel A. Penilla
Title	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES
Art Unit	
Examiner Name	
Attorney Docket Number	VOLTP018.5.1.C4

SIGNATURE of Applicant or Patent Practitioner

Signature	/Albert Penilla/	Date (Optional)	
Name	Albert S. Penilla	Registration Number	39487
Title (if Applicant is a juristic entity)	attorney		
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.

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

PTO/AIA/82B (07-13)
Approved for use through 01/31/2018. 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
	July 25, 2022

(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:

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: 25920

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):

Emerging Automotive, LLC

☐ 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	/Albert Penilla/	Date (Optional)	
Name	Albert S. Penilla		
Title	Officer of Emerging Automotive, LLC		

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.

PTO/AIA/82C (07-13)
Approved for use through 01/31/2018. 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

No more than ten (10) patent practitioners total may be appointed as set forth below by name and registration number. This page need not be submitted if appointing the Patent Practitioner(s) associated with a Customer Number (see form PTO/AIA/82B):

Name	Registration Number
Albert S. Penilla	39487

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Methods and Systems for Processing User Inputs to Generate Recommended Vehicle Settings and Associated Vehicle-Cloud Communication

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Angel A. Penilla Date (Optional) : _____

Signature: /Angel Penilla/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Methods and Systems for Processing User Inputs to Generate Recommended Vehicle Settings and Associated Vehicle-Cloud Communication

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Albert S. Penilla Date (Optional) :_____

Signature: /Albert Penilla/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES
First Named Inventor/Applicant Name:	Angel A. Penilla
Filer:	Albert S. Penilla
Attorney Docket Number:	VOLTP18.5.1.C4

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	80	80
UTILITY SEARCH FEE	2111	1	350	350
UTILITY EXAMINATION FEE	2311	1	400	400
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	830

Electronic Acknowledgement Receipt	
EFS ID:	46267942
Application Number:	17873096
International Application Number:	
Confirmation Number:	1006
Title of Invention:	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES
First Named Inventor/Applicant Name:	Angel A. Penilla
Customer Number:	25920
Filer:	Albert S. Penilla
Filer Authorized By:	
Attorney Docket Number:	VOLTP18.5.1.C4
Receipt Date:	25-JUL-2022
Filing Date:	
Time Stamp:	22:34:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$830
RAM confirmation Number	E20227OM35214223
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	Specification	VOLTP01851C4_App_Efiled.pdf	319800 6427205fc883acbbddd04b0ed873358184f0d1f	no	72
Warnings:					
Information:					
2	Drawings-only black and white line drawings	VOLTP018_5drawingsformalEfiled1.pdf	7116486 c149b88582f4dec2523b6ffbe0b7ae132cf6e78c	no	22
Warnings:					
Information:					
3	Application Data Sheet	VOLTP01851_C4_ADS_Efiled.pdf	1433161 ddc5644e92db3fc182eafca016a346c260587d58	no	7
Warnings:					
Information:					
4	Power of Attorney	POA_Efiled.pdf	121403 565b0611f065eda26f4f8de4cb39de30595e1b92	no	4
Warnings:					
Information:					
5	Oath or Declaration filed	DEC_AAP.pdf	173284 39d06708e23f786ec77c157ddced5969d4ba5a0e	no	2
Warnings:					
Information:					
6	Oath or Declaration filed	DEC_ASP.pdf	173291 9269eac5bfd585de7a5043ab78ad43bf2ddf2466	no	2
Warnings:					
Information:					

7	Fee Worksheet (SB06)	fee-info.pdf	43975 2bed83d56f531f4ae7c23f92a8d6a3277913 3c82	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	9381400	

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.

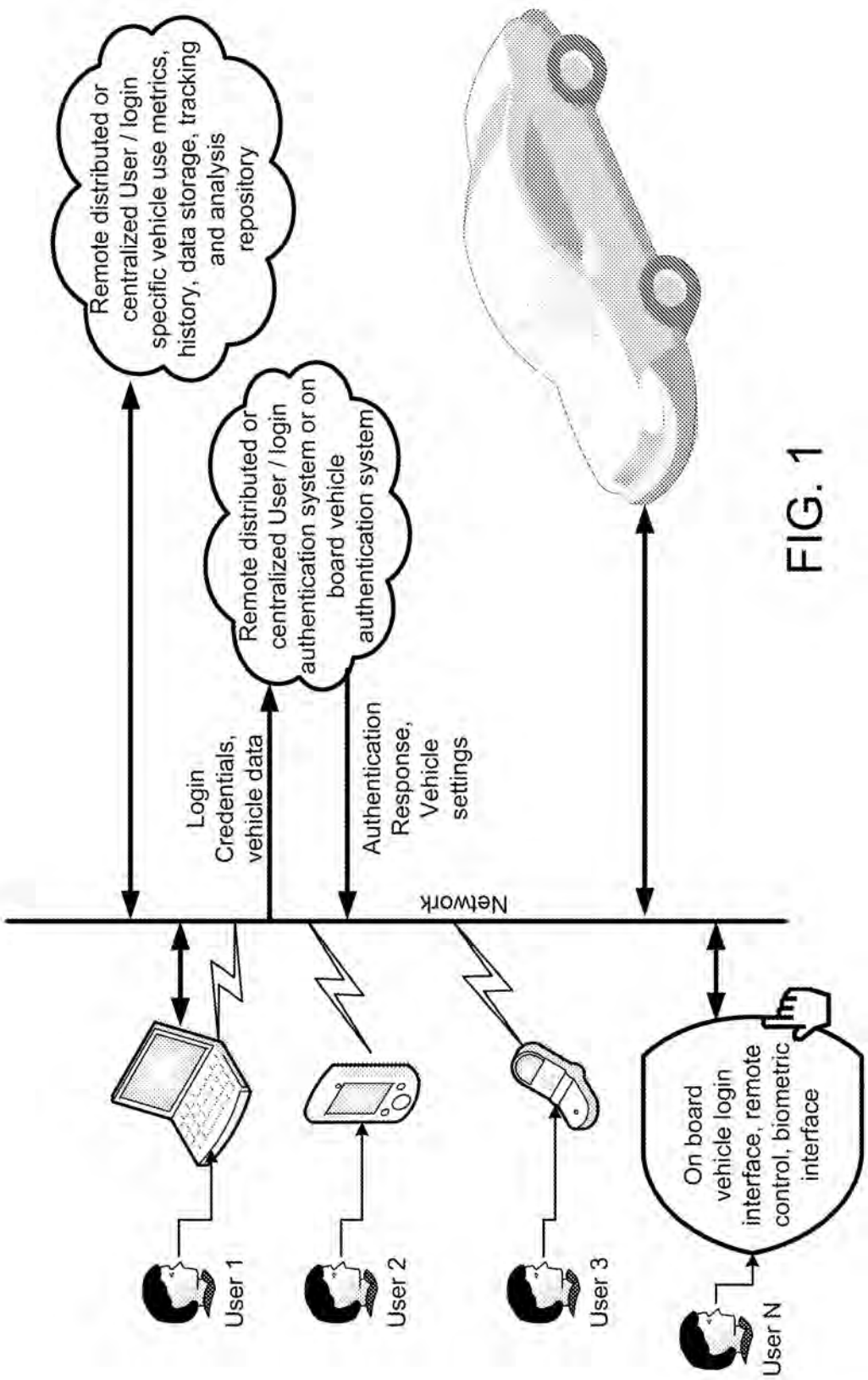

Remote distributed or centralized User / login specific vehicle use metrics, history, data storage, tracking and analysis repository
Remote distributed or centralized User / login authentication system or on board vehicle authentication system
Login Credentials, vehicle data
Authentication Response, Vehicle settings
Network
User 1
User 2
User 3
User N
On board vehicle login interface, remote control, biometric interface

FIG. 1



User 1

User 1 Logins	User 1 Roles	User 1 Vehicles
• Administrator(edit) Add New	• Owner(edit) • Weekend driving(edit) • Commute driving(edit) Add New	• Ford SUV(edit) • Honda Hybrid(edit) Add New



User 2

User 2 Logins	User 2 Roles	User 2 Vehicles
• Child(edit)	• School commute(edit) • Errands(edit)	• Honda Hybrid



User 1

User 2 Logins	User 2 Roles	User 2 Vehicles
• Child(edit) Add New	• School commute(edit) • Errands(edit) Add New	• Honda Hybrid Add New

FIG. 2

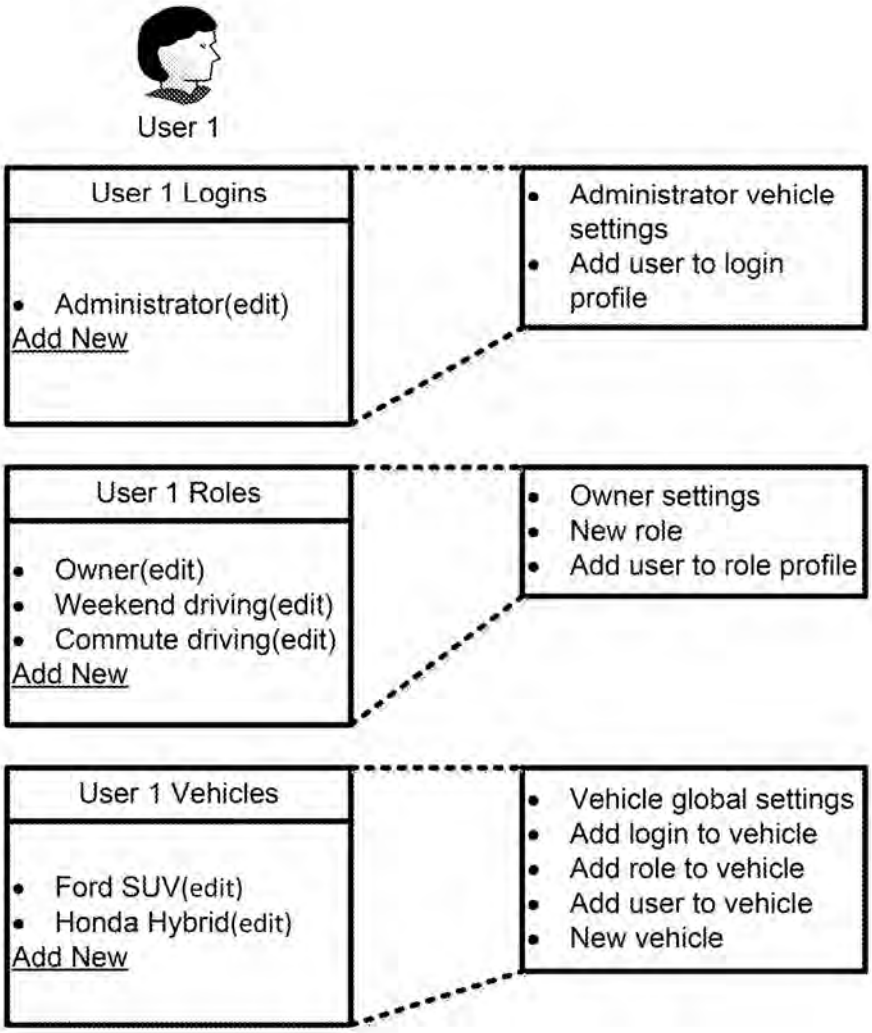

User 1
User 1 Logins
• Administrator(edit)
Add New
• Administrator vehicle settings
• Add user to login profile
User 1 Roles
• Owner(edit)
• Weekend driving(edit)
• Commute driving(edit)
Add New
• Owner settings
• New role
• Add user to role profile
User 1 Vehicles
• Ford SUV(edit)
• Honda Hybrid(edit)
Add New
• Vehicle global settings
• Add login to vehicle
• Add role to vehicle
• Add user to vehicle
• New vehicle

FIG. 3



User 2

User 2's login settings for login: CHILD	
Fuel use settings	• Electric battery • Plug in • Fuel • Hybrid
Driving characteristics	• Speed restrictions • Fuel use restrictions
Location based settings	• GPS aided travel restrictions • Map restrictions • Travel radius boundaries • Dynamically load maps • Dynamically load directions • Dynamically load fuel • Dynamically load charge • Dynamically load battery • Fuel purchase location restrictions
Time based use and restrictions	• Day driving • Night driving • Time specific driving
Automatic purchase settings	• Financial institution linking • Fuel purchase settings • Charge time purchase settings • Battery purchase settings • Car wash purchase settings

User editable

Admin or restricted

FIG. 4



User 2

User 1's login settings for login: CHILD	
Tracking & metrics	• Vehicle cameras • Vehicle event recording • Mileage usage characteristics • Top & average speeds • Driving history maps and graphs • Fuel efficiency • Wear and tear notifications
Comfort	• Climate • Seats positions • Seat heater / cooler • Suspension/ride settings • Entry lighting • Remote start / stop
Entertainment	• Radio Memory • Internet access settings • Streaming services
Driving Modes	• Sport • Comfortable • Soft • Off-road • High performance • Economy
Refueling routing and purchase	• Incentive based fuel finder • Refueling availability maps • Offers • History • Metrics

User editable

Admin or restricted

FIG. 5

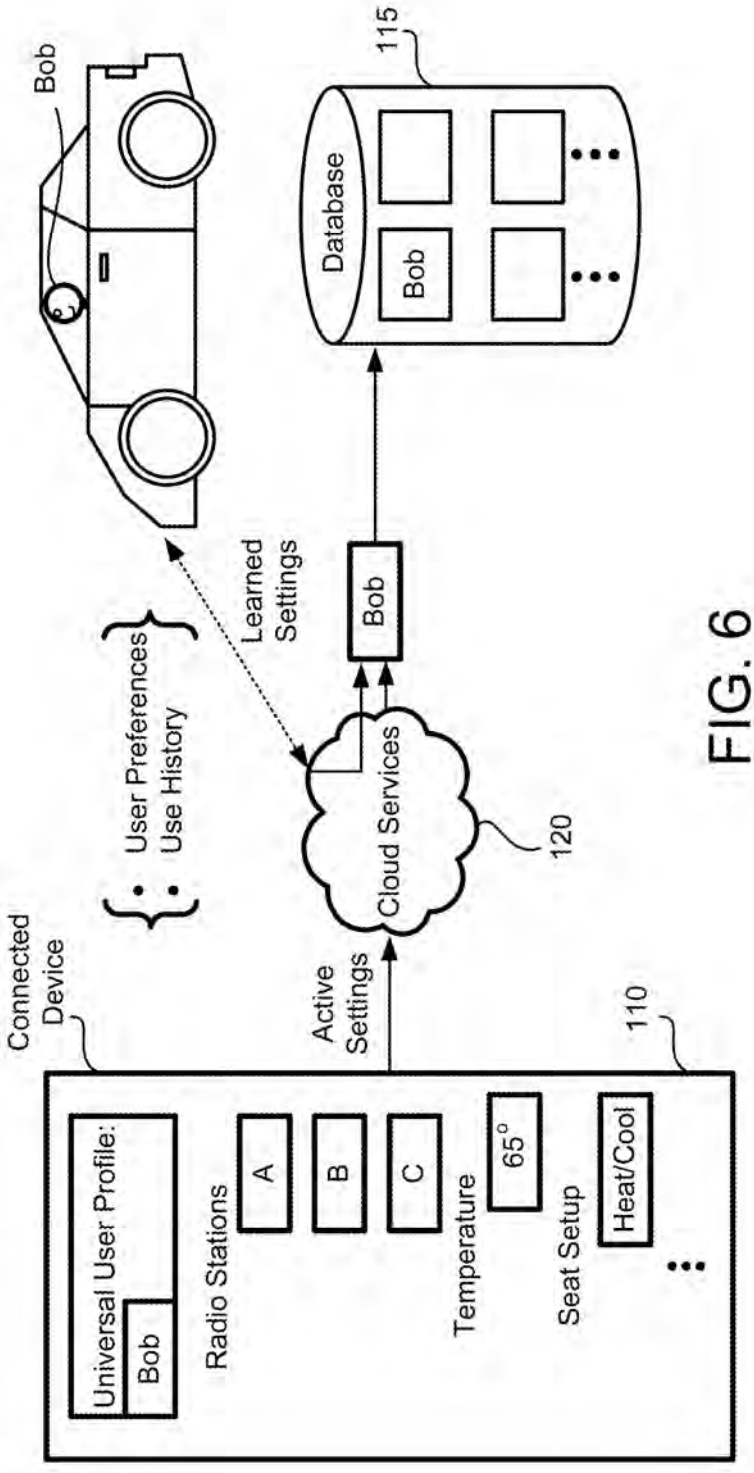

Bob
115
Database
Bob
Learned Settings
User Preferences
Use History
Bob
Cloud Services
120
Connected Device
Active Settings
110
Universal User Profile:
Bob
Radio Stations
A
B
C
Temperature
65°
Seat Setup
Heat/Cool

FIG. 6

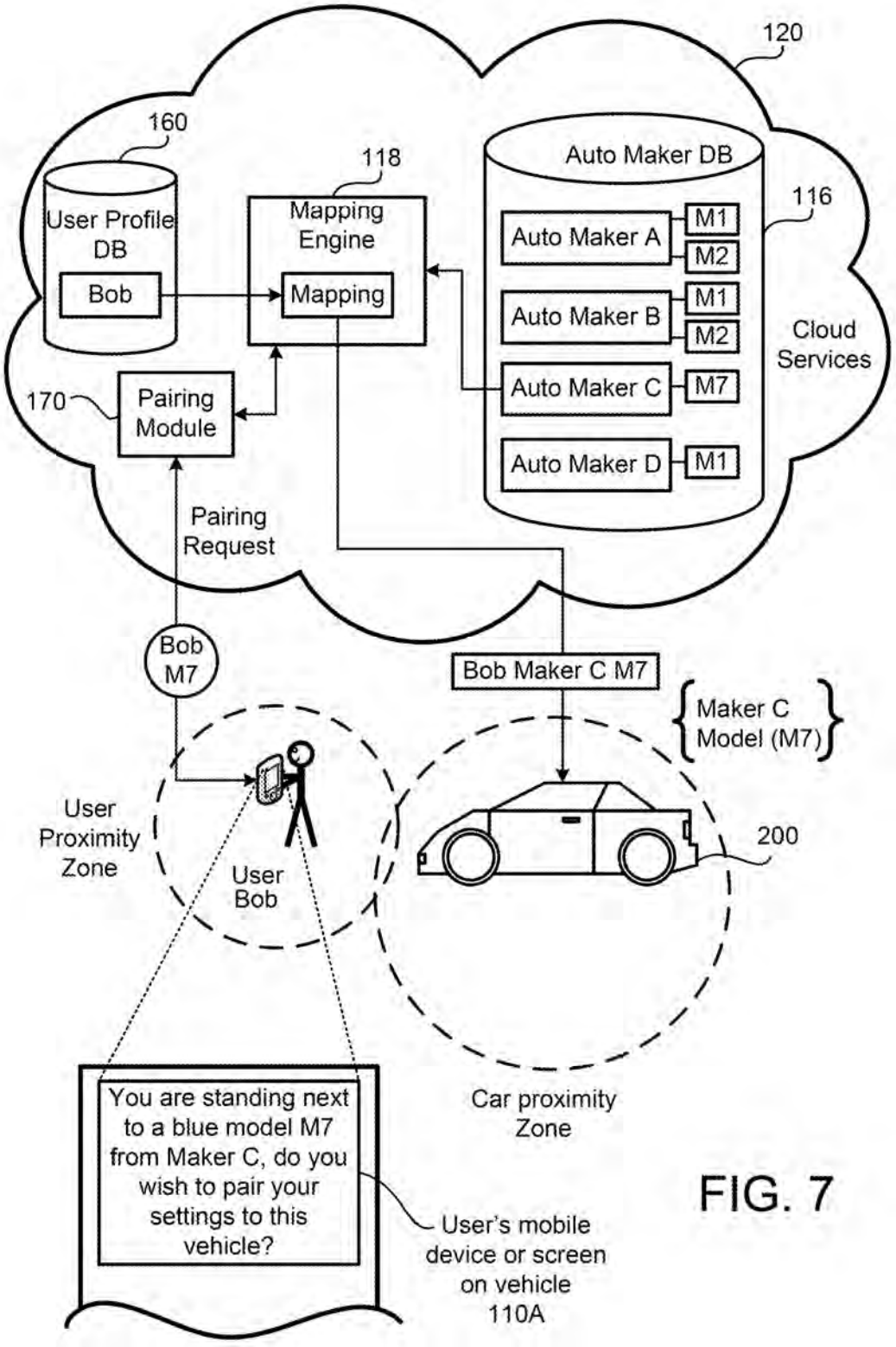
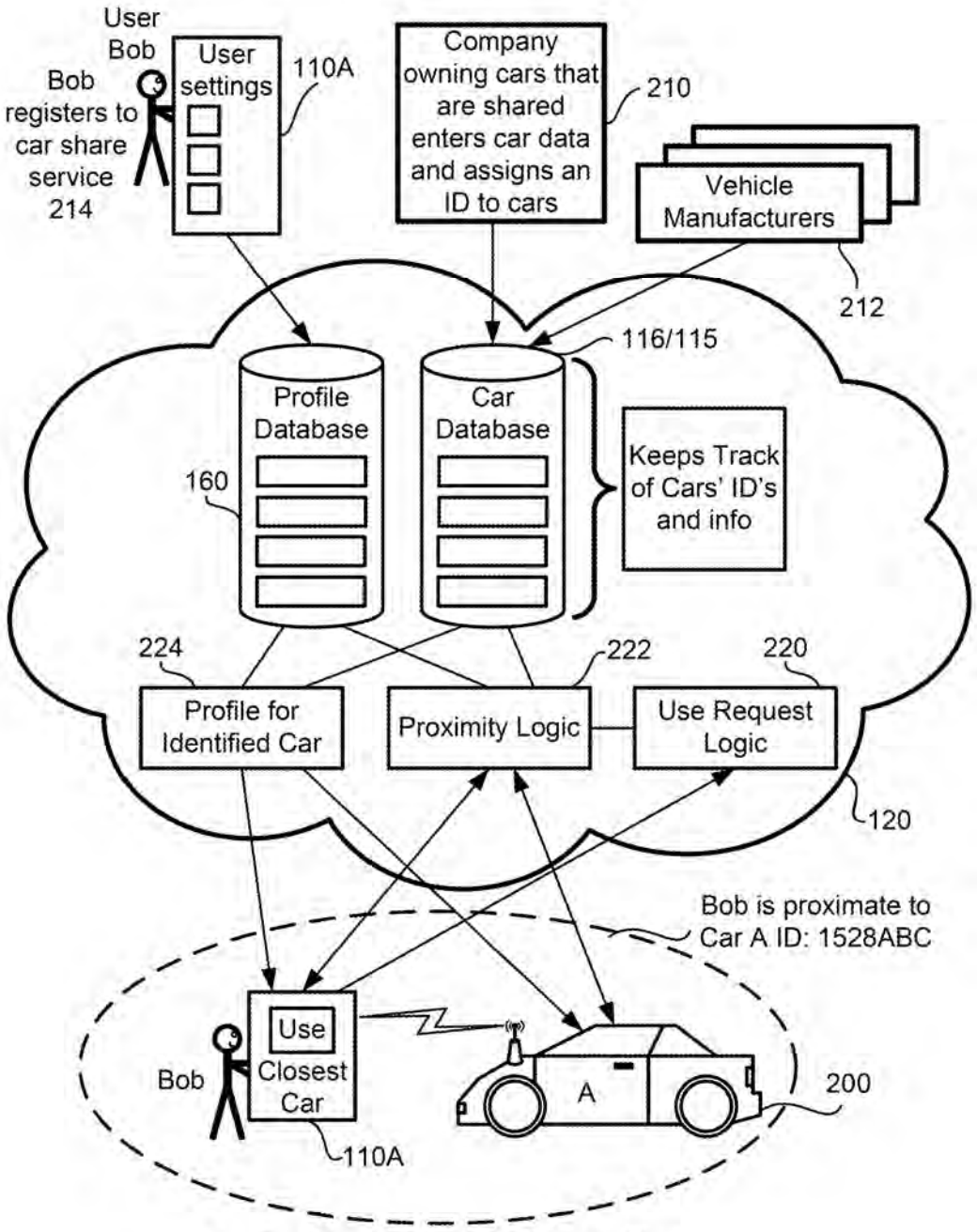

120
160
118
Auto Maker DB
116
User Profile DB
Bob
Mapping Engine
Mapping
Auto Maker A
M1
M2
Auto Maker B
M1
M2
Auto Maker C
M7
Auto Maker D
M1
Cloud Services
170
Pairing Module
Pairing Request
Bob M7
Bob Maker C M7
Maker C Model (M7)
User Proximity Zone
User Bob
200
You are standing next to a blue model M7 from Maker C, do you wish to pair your settings to this vehicle?
User's mobile device or screen on vehicle 110A
Car proximity Zone

FIG. 7



- Car beeps / lights up when enabled
- Opens
- Profile transferred to Car A
- Use of Car A is Managed in Bob's online account
- Payment for use made direct
- Use of Car A is allowed by predefined rules

FIG. 8

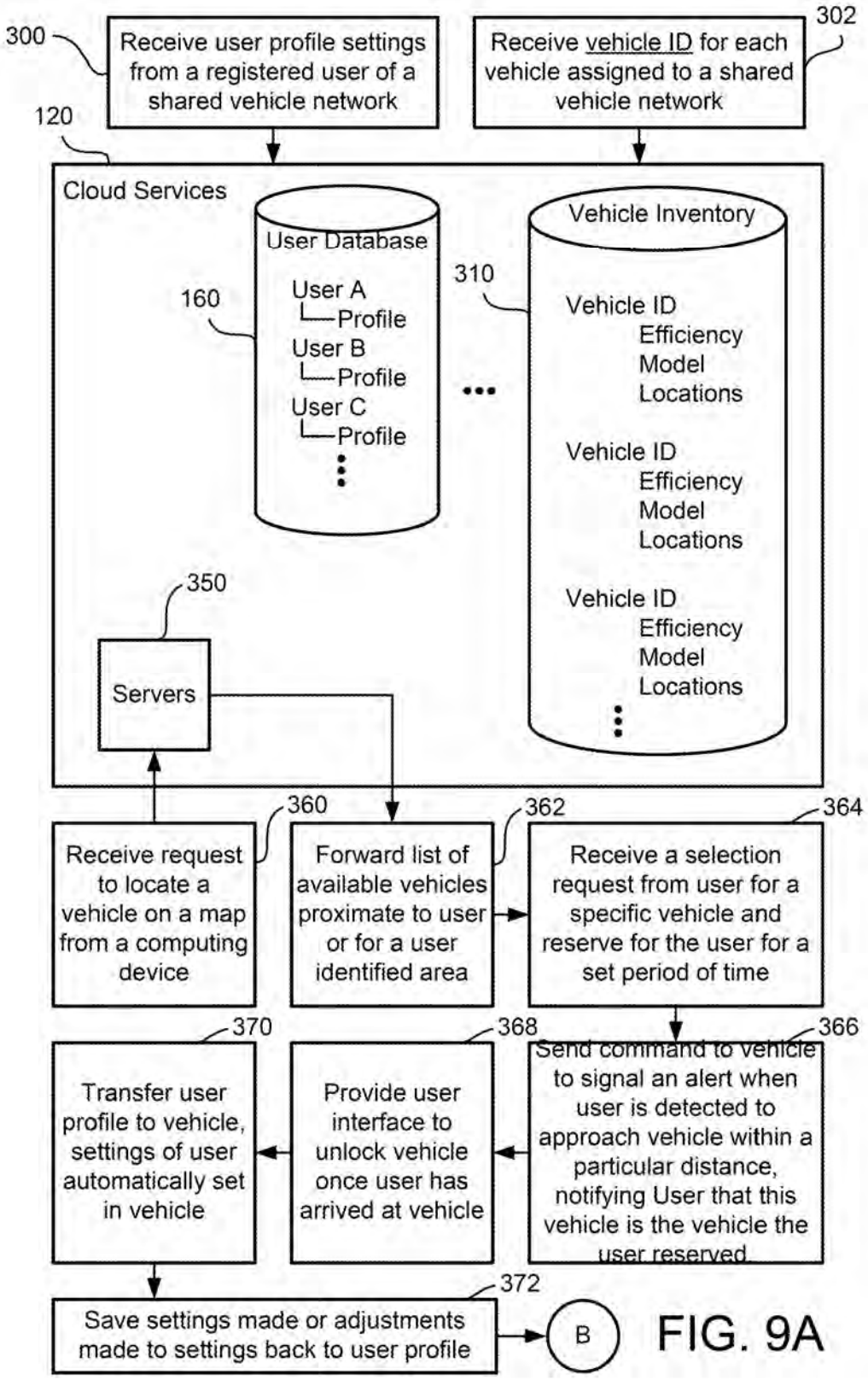

300
Receive user profile settings from a registered user of a shared vehicle network
302
Receive vehicle ID for each vehicle assigned to a shared vehicle network
120
Cloud Services
User Database
160
User A
Profile
User B
Profile
User C
Profile
310
Vehicle Inventory
Vehicle ID
Efficiency
Model
Locations
Vehicle ID
Efficiency
Model
Locations
Vehicle ID
Efficiency
Model
Locations
350
Servers
360
Receive request to locate a vehicle on a map from a computing device
362
Forward list of available vehicles proximate to user or for a user identified area
364
Receive a selection request from user for a specific vehicle and reserve for the user for a set period of time
370
Transfer user profile to vehicle, settings of user automatically set in vehicle
368
Provide user interface to unlock vehicle once user has arrived at vehicle
366
Send command to vehicle to signal an alert when user is detected to approach vehicle within a particular distance, notifying User that this vehicle is the vehicle the user reserved
372
Save settings made or adjustments made to settings back to user profile
B

FIG. 9A

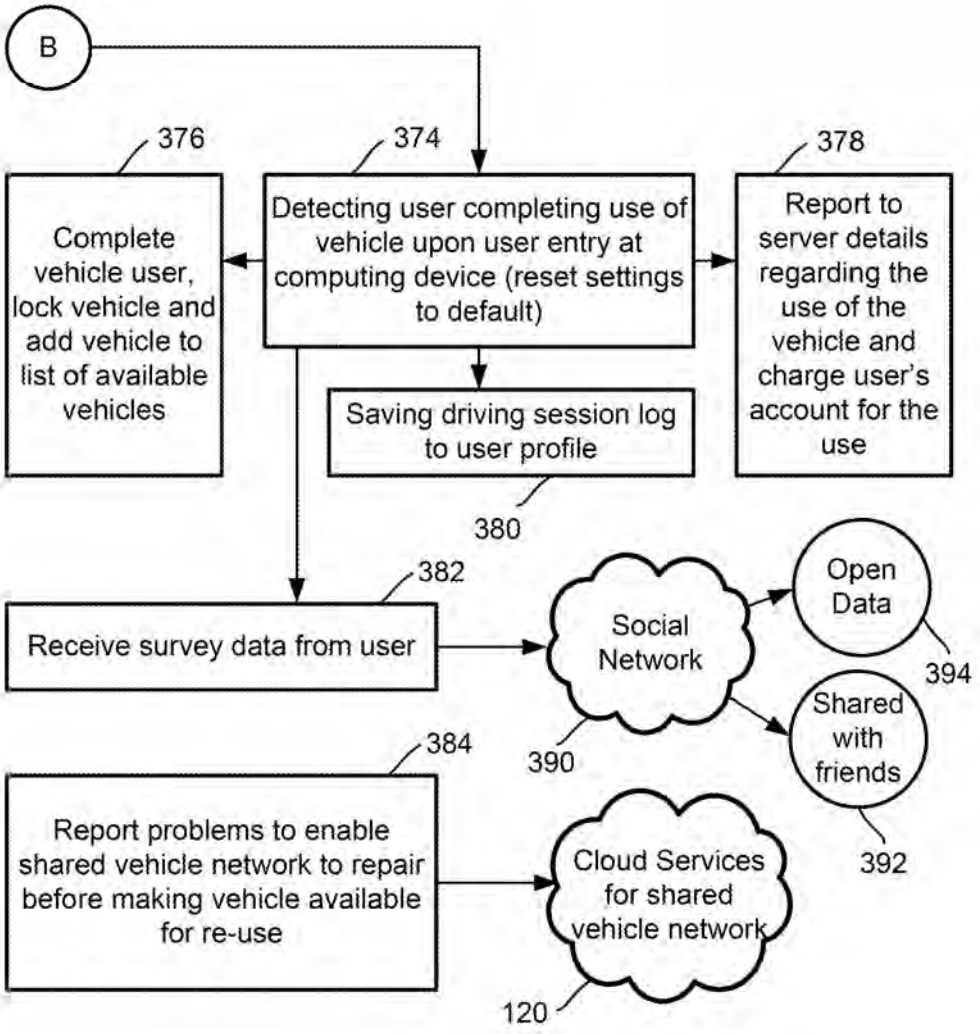

B
376
374
378
Complete vehicle user, lock vehicle and add vehicle to list of available vehicles
Detecting user completing use of vehicle upon user entry at computing device (reset settings to default)
Report to server details regarding the use of the vehicle and charge user's account for the use
Saving driving session log to user profile
380
382
Receive survey data from user
Social Network
Open Data
394
Shared with friends
390
392
384
Report problems to enable shared vehicle network to repair before making vehicle available for re-use
Cloud Services for shared vehicle network
120

FIG. 9B

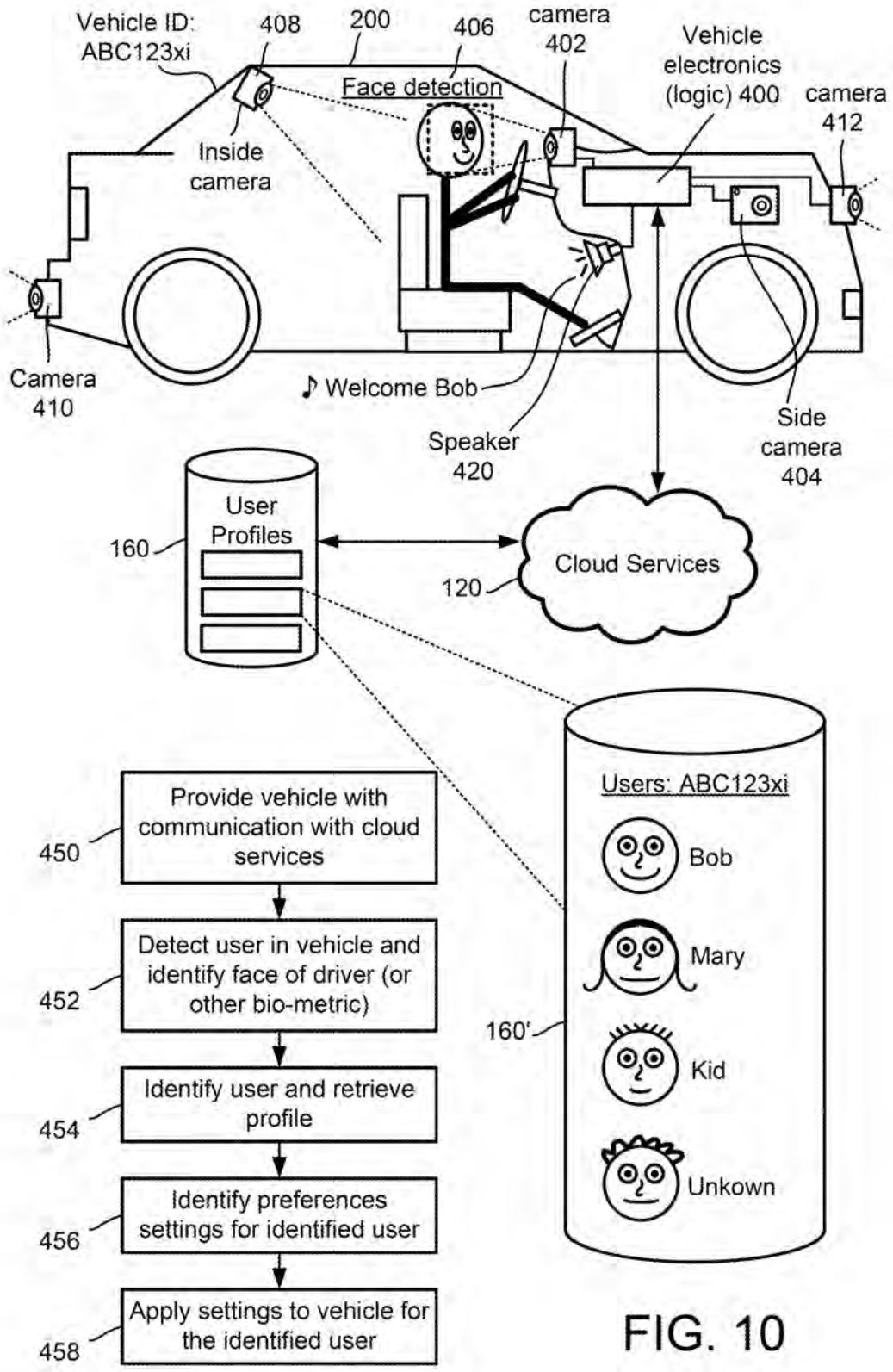

Vehicle ID: ABC123xi
408
200
406
camera 402
Face detection
Vehicle electronics (logic) 400
camera 412
Inside camera
Camera 410
♪ Welcome Bob
Speaker 420
Side camera 404
User Profiles
160
Cloud Services
120
Users: ABC123xi
Bob
Mary
Kid
Unkown
160'
Provide vehicle with communication with cloud services
450
Detect user in vehicle and identify face of driver (or other bio-metric)
452
Identify user and retrieve profile
454
Identify preferences settings for identified user
456
Apply settings to vehicle for the identified user
458

FIG. 10

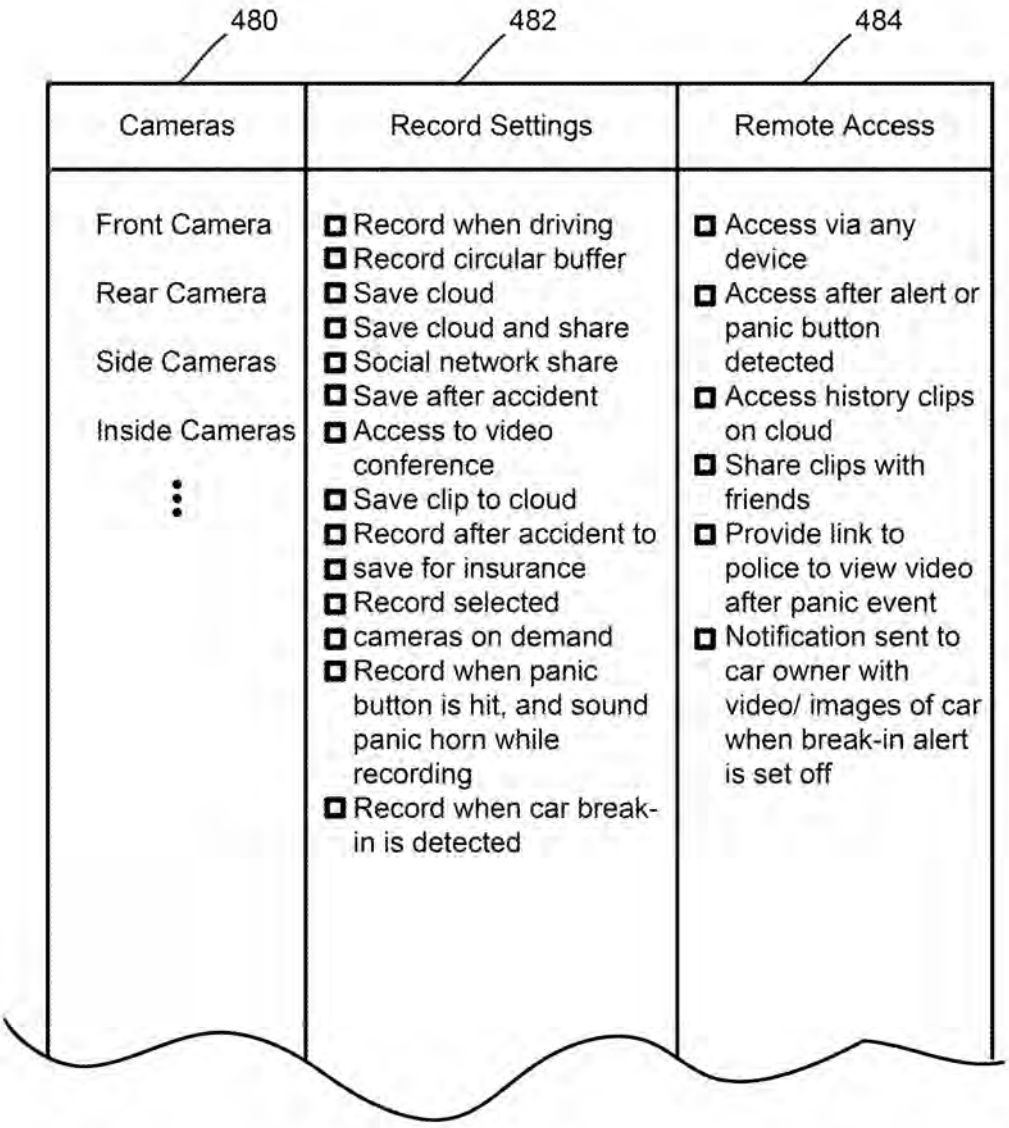

480
482
484
Cameras
Record Settings
Remote Access
Front Camera
Rear Camera
Side Cameras
Inside Cameras
Record when driving
Record circular buffer
Save cloud
Save cloud and share
Social network share
Save after accident
Access to video conference
Save clip to cloud
Record after accident to save for insurance
Record selected cameras on demand
Record when panic button is hit, and sound panic horn while recording
Record when car break-in is detected
Access via any device
Access after alert or panic button detected
Access history clips on cloud
Share clips with friends
Provide link to police to view video after panic event
Notification sent to car owner with video/ images of car when break-in alert is set off

FIG. 11

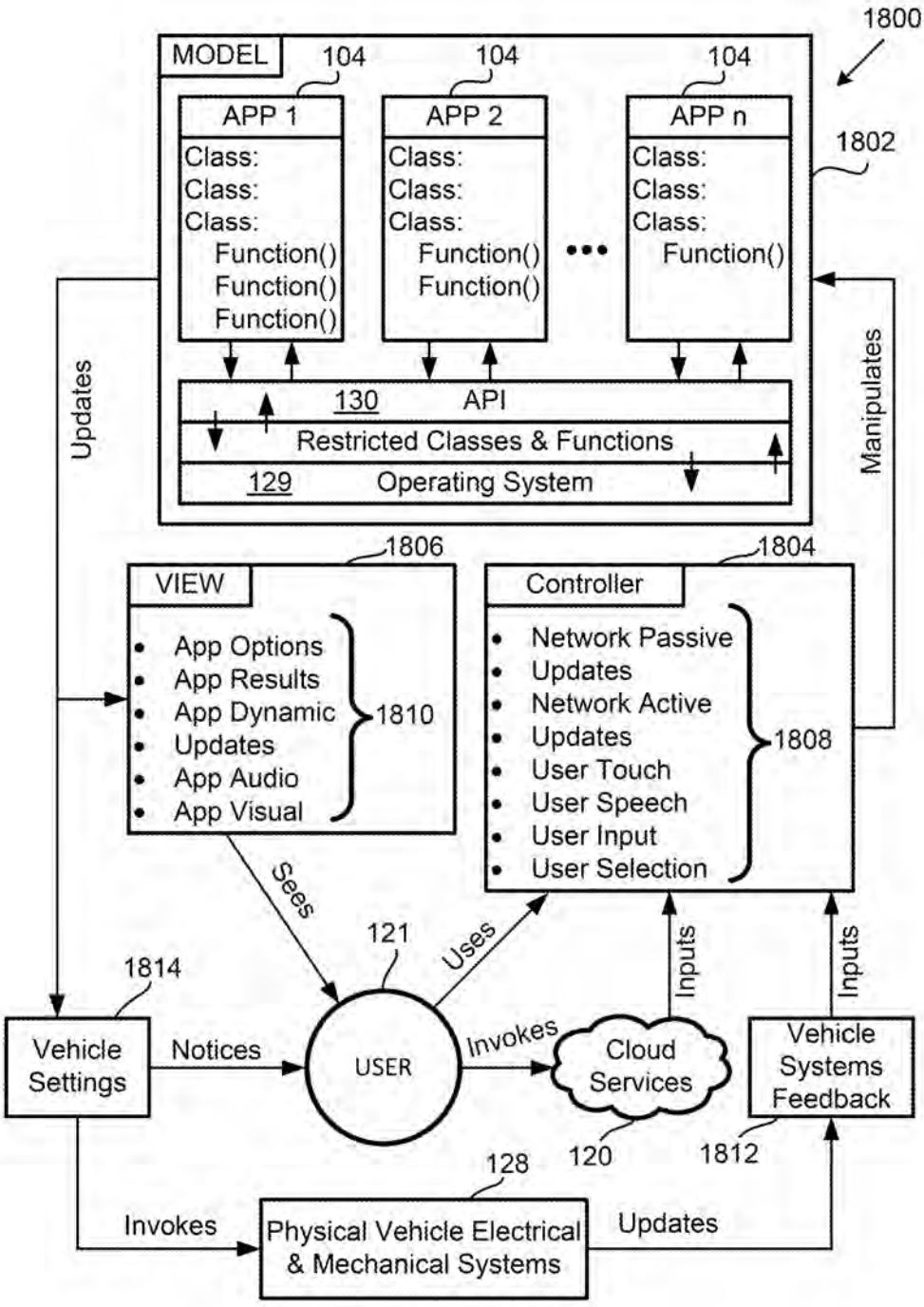

1800
MODEL
104
104
104
APP 1
APP 2
APP n
1802
Class:
Class:
Class:
Function()
Function()
Function()
Function()
Function()
Function()
Updates
Manipulates
130
API
Restricted Classes & Functions
129
Operating System
1806
1804
VIEW
Controller
App Options
App Results
App Dynamic
Updates
App Audio
App Visual
1810
Network Passive
Updates
Network Active
Updates
User Touch
User Speech
User Input
User Selection
1808
Sees
121
Uses
Inputs
Inputs
1814
Vehicle Settings
Notices
USER
Invokes
Cloud Services
Vehicle Systems Feedback
120
1812
128
Invokes
Physical Vehicle Electrical & Mechanical Systems
Updates

FIG. 12

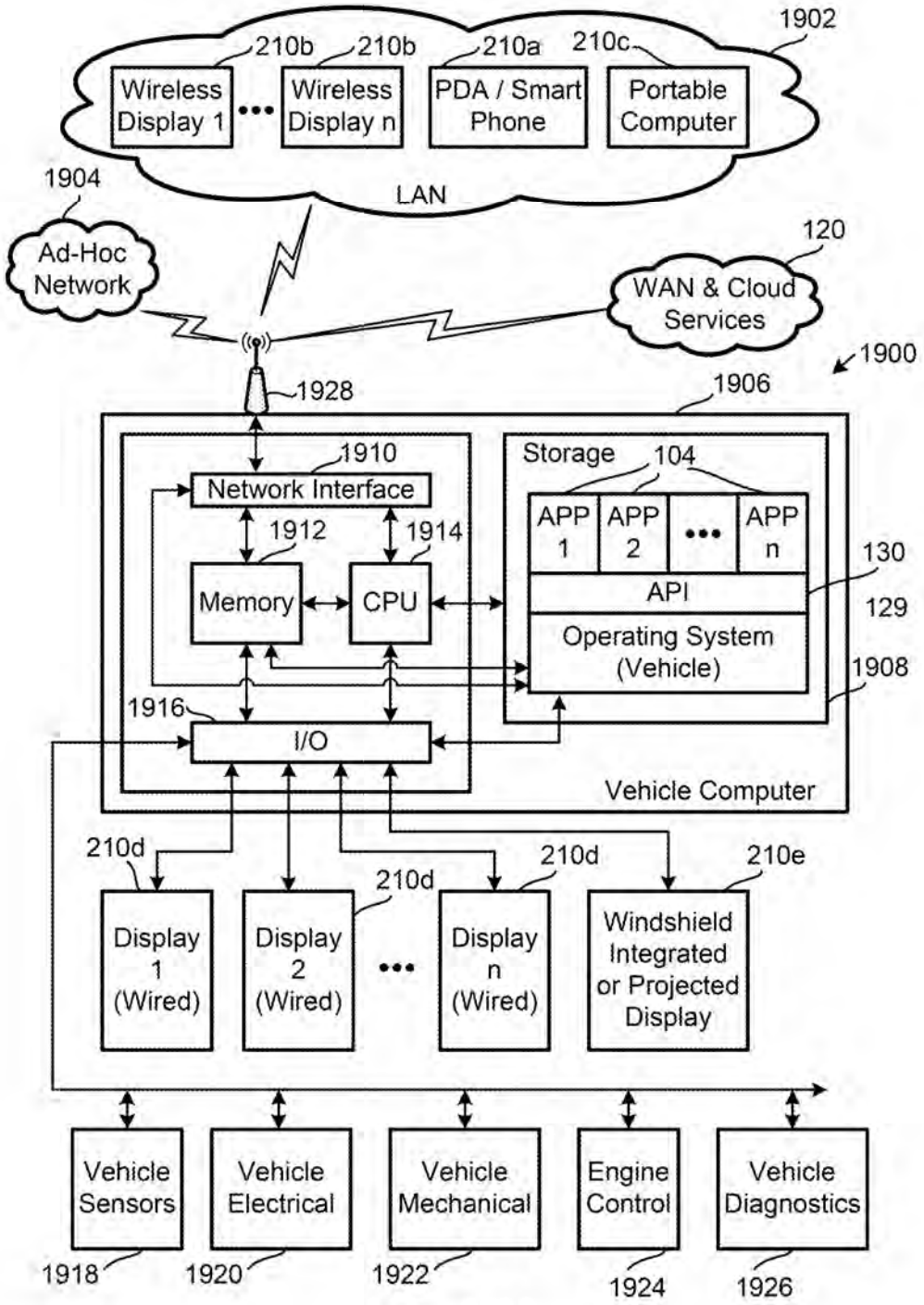

1902
210b
210b
210a
210c
Wireless Display 1
Wireless Display n
PDA / Smart Phone
Portable Computer
LAN
1904
Ad-Hoc Network
120
WAN & Cloud Services
1900
1928
1906
1910
Network Interface
Storage
104
APP 1
APP 2
APP n
1912
1914
Memory
CPU
API
130
129
Operating System (Vehicle)
1908
1916
I/O
Vehicle Computer
210d
210d
210d
210e
Display 1 (Wired)
Display 2 (Wired)
Display n (Wired)
Windshield Integrated or Projected Display
Vehicle Sensors
Vehicle Electrical
Vehicle Mechanical
Engine Control
Vehicle Diagnostics
1918
1920
1922
1924
1926

FIG. 13A

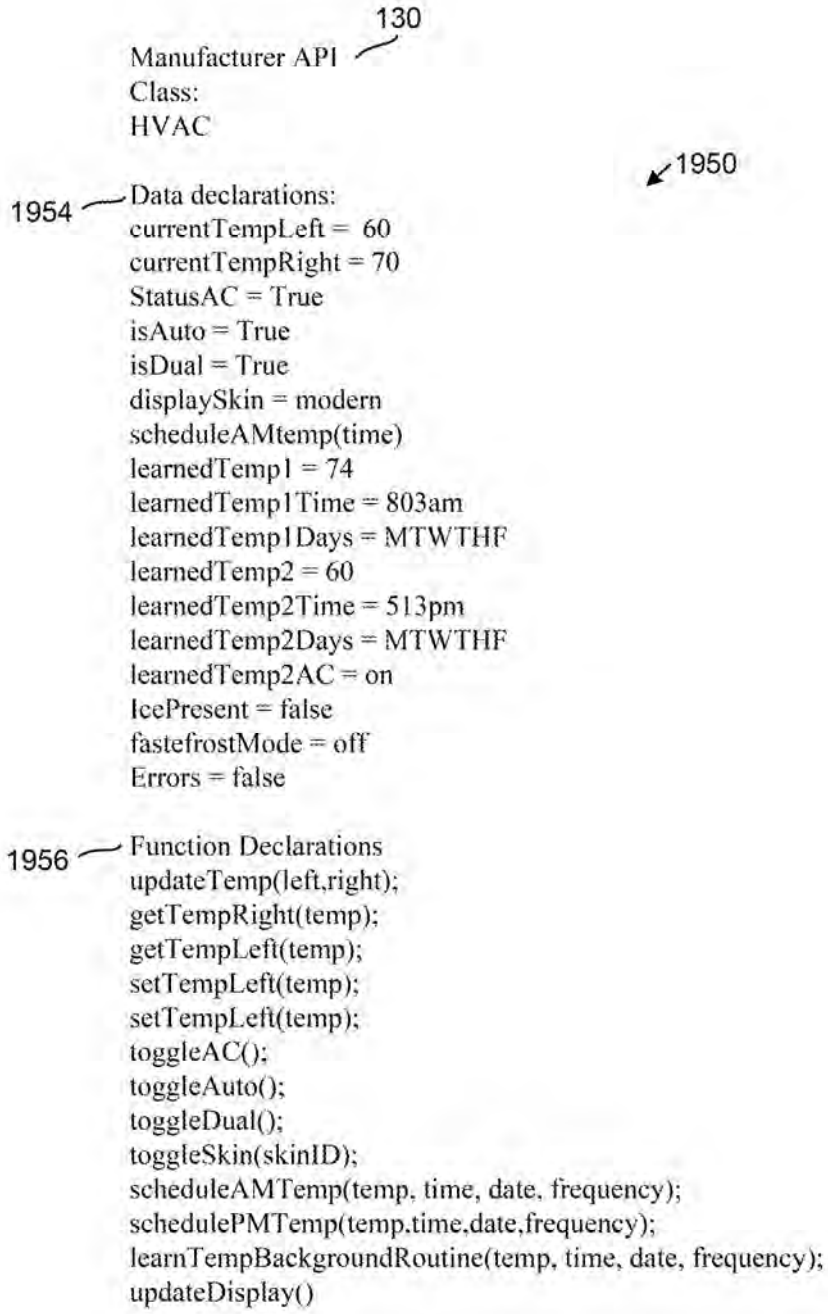

130
Manufacturer API
Class:
HVAC
1950
1954
Data declarations:
currentTempLeft = 60
currentTempRight = 70
StatusAC = True
isAuto = True
isDual = True
displaySkin = modern
scheduleAMtemp(time)
learnedTemp1 = 74
learnedTemp1Time = 803am
learnedTemp1Days = MTWTHF
learnedTemp2 = 60
learnedTemp2Time = 513pm
learnedTemp2Days = MTWTHF
learnedTemp2AC = on
IcePresent = false
fastefrostMode = off
Errors = false
1956
Function Declarations
updateTemp(left,right);
getTempRight(temp);
getTempLeft(temp);
setTempLeft(temp);
setTempLeft(temp);
toggleAC();
toggleAuto();
toggleDual();
toggleSkin(skinID);
scheduleAMTemp(temp, time, date, frequency);
schedulePMTemp(temp,time,date,frequency);
learnTempBackgroundRoutine(temp, time, date, frequency);
updateDisplay()

FIG. 13B

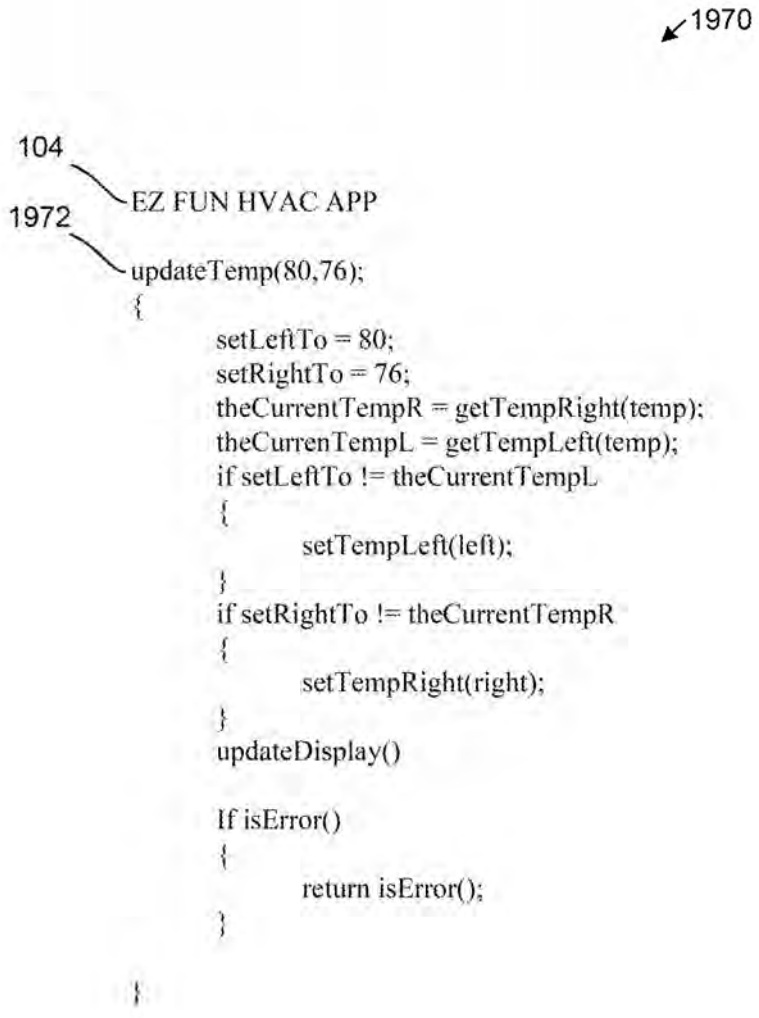

1970
104
EZ FUN HVAC APP
1972
updateTemp(80,76);
{
setLeftTo = 80;
setRightTo = 76;
theCurrentTempR = getTempRight(temp);
theCurrenTempL = getTempLeft(temp);
if setLeftTo != theCurrentTempL
{
setTempLeft(left);
}
if setRightTo != theCurrentTempR
{
setTempRight(right);
}
updateDisplay()
If isError()
{
return isError();
}
}

FIG. 13C

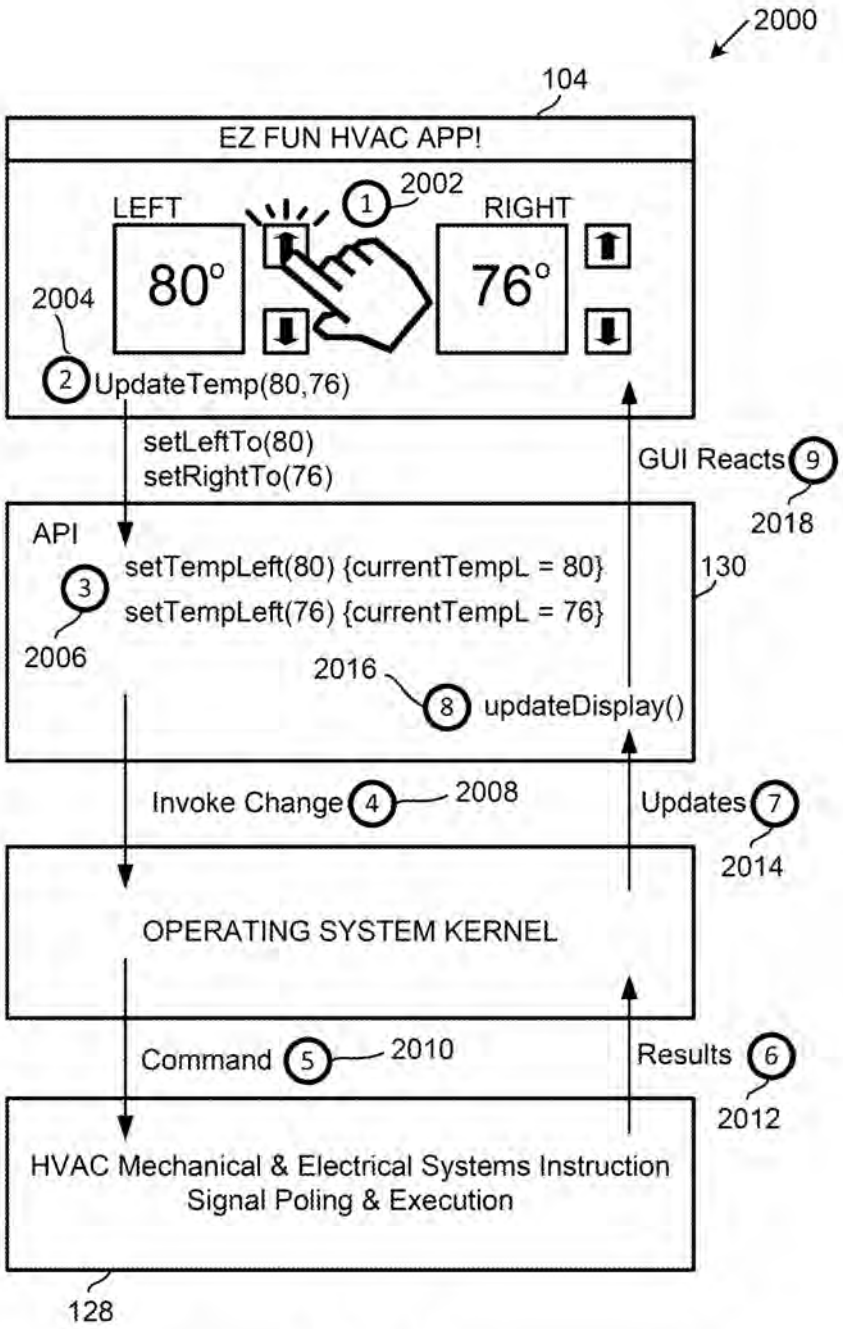

2000
104
EZ FUN HVAC APP!
LEFT
RIGHT
2002
1
80°
76°
2004
2
UpdateTemp(80,76)
setLeftTo(80)
setRightTo(76)
GUI Reacts
9
2018
API
setTempLeft(80) {currentTempL = 80}
setTempLeft(76) {currentTempL = 76}
3
2006
130
2016
8
updateDisplay()
Invoke Change
4
2008
Updates
7
2014
OPERATING SYSTEM KERNEL
Command
5
2010
Results
6
2012
HVAC Mechanical & Electrical Systems Instruction
Signal Poling & Execution
128

FIG. 14

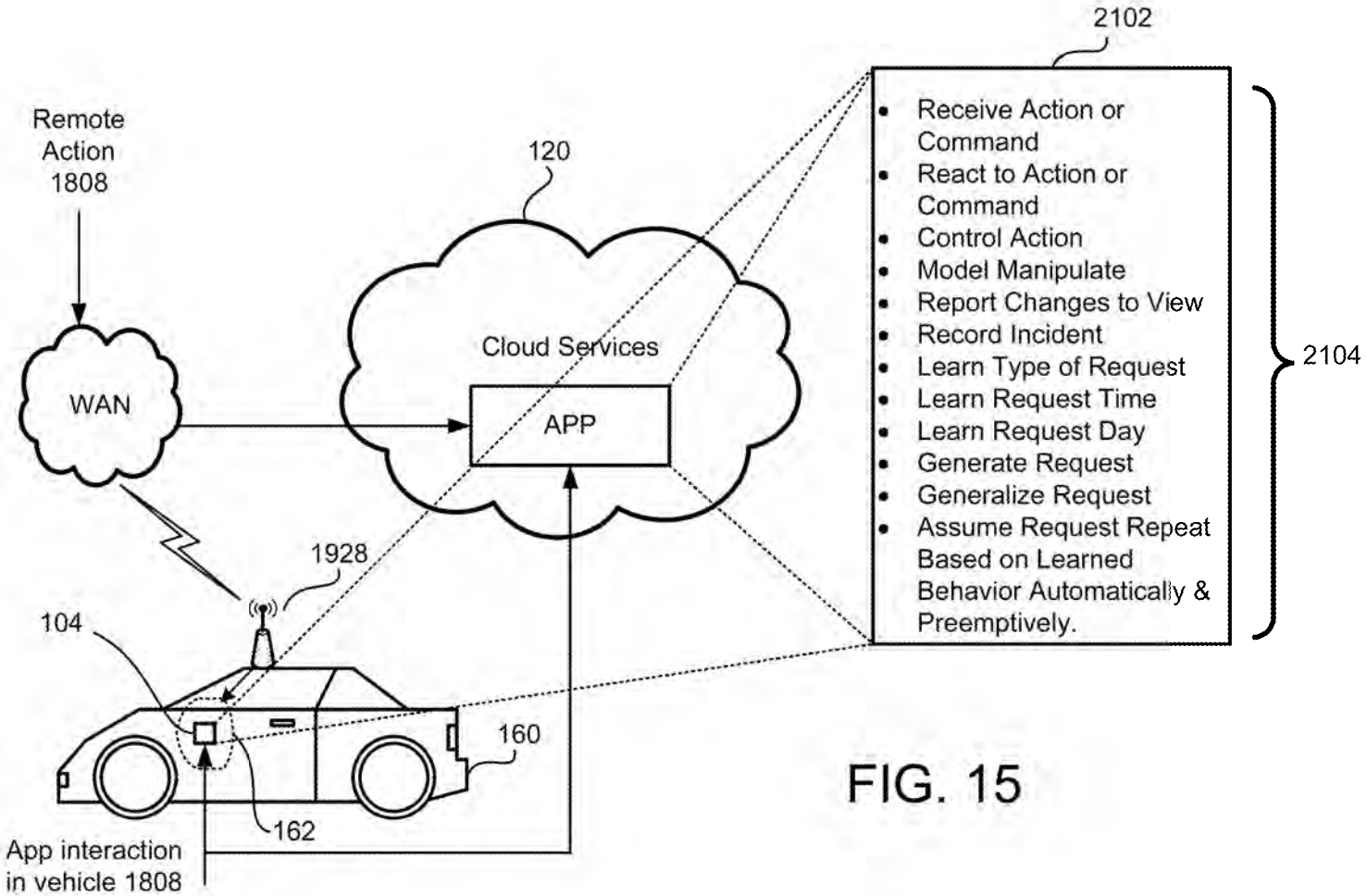

2102
Remote Action 1808
120
Cloud Services
WAN
APP
1928
104
160
162
App interaction in vehicle 1808
Receive Action or Command
React to Action or Command
Control Action
Model Manipulate
Report Changes to View
Record Incident
Learn Type of Request
Learn Request Time
Learn Request Day
Generate Request
Generalize Request
Assume Request Repeat Based on Learned Behavior Automatically & Preemptively.
2104

FIG. 15

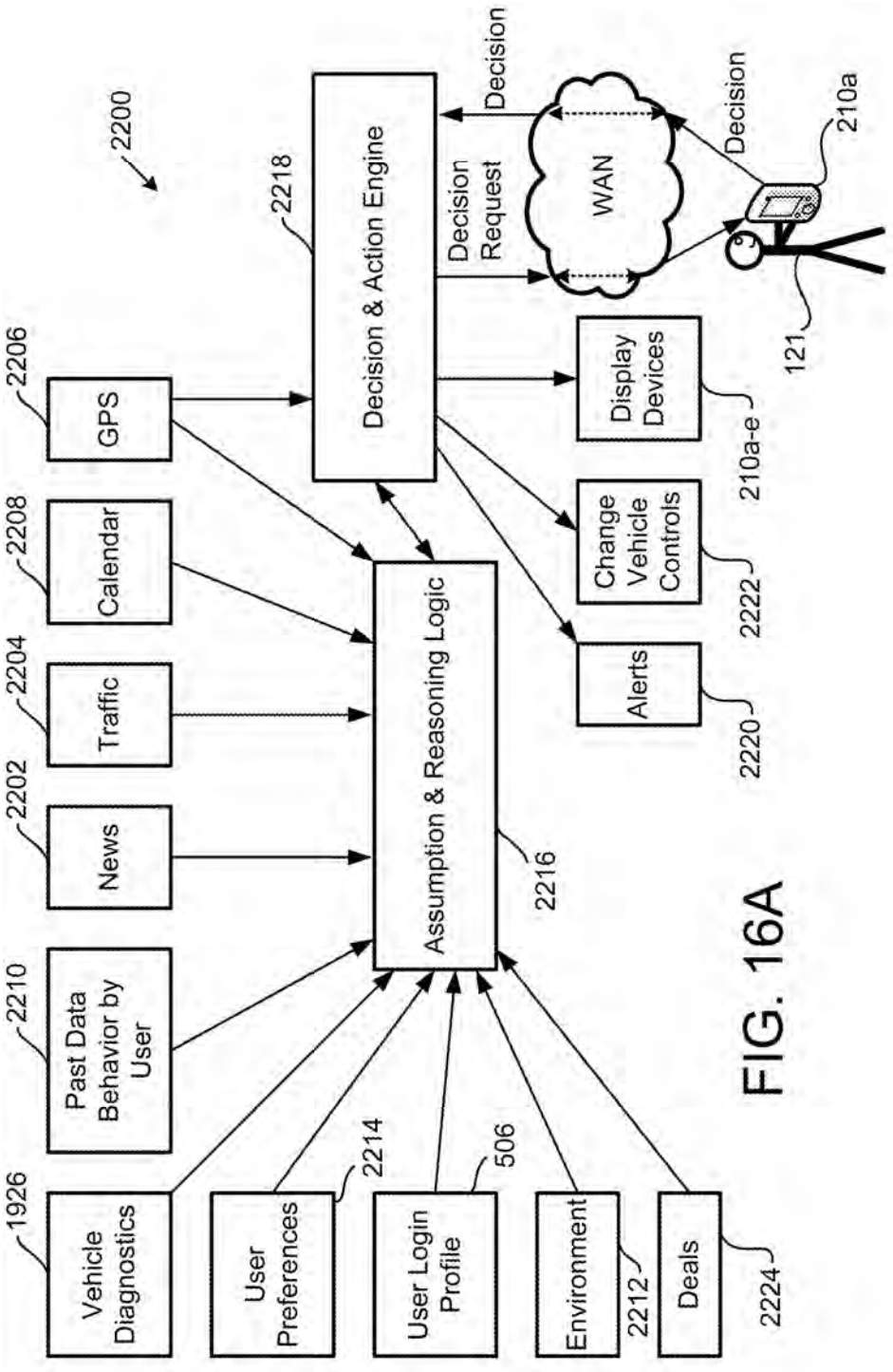

2200
2218
Decision & Action Engine
Decision
Decision Request
WAN
Decision
210a
121
2206
GPS
Display Devices
210a-e
2208
Calendar
Change Vehicle Controls
2222
2204
Traffic
Alerts
2220
2202
News
Assumption & Reasoning Logic
2216
2210
Past Data Behavior by User
1926
Vehicle Diagnostics
User Preferences
2214
User Login Profile
506
Environment
2212
Deals
2224

FIG. 16A

Learned Behavior Vehicle Application

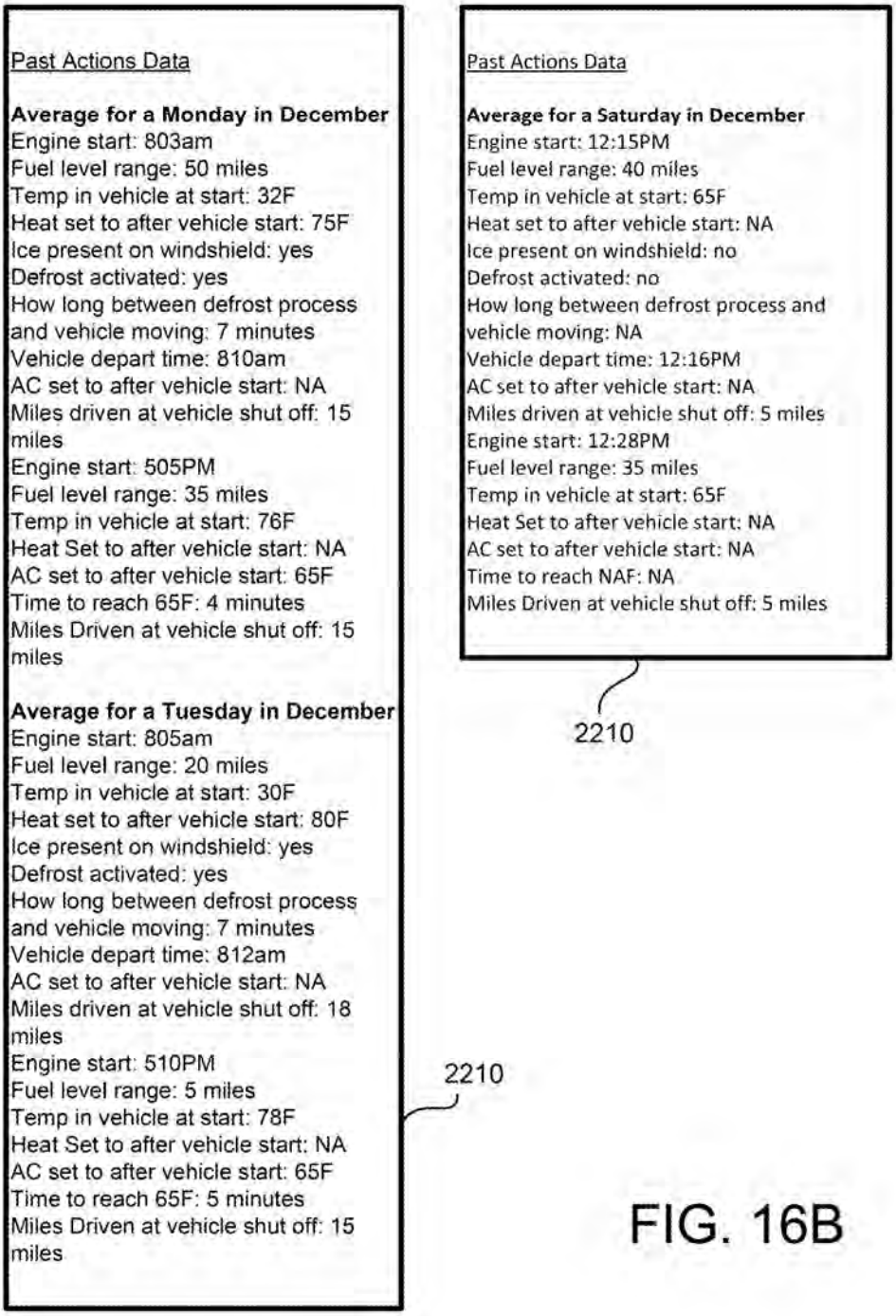


FIG. 16B

Learned Behavior Vehicle Application

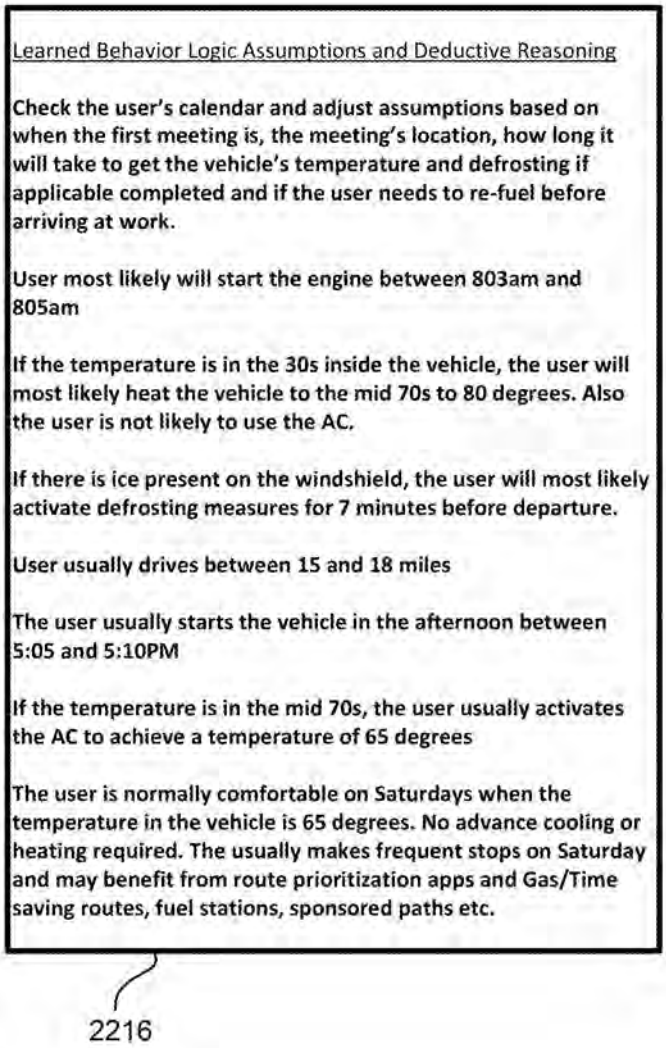


FIG. 16C

Learned Behavior Vehicle Application



FIG. 16D

PTO/AIA/14 (08-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Angel	A.	Penilla	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

City	State/Province	Country of Residence
Sacramento	CA	US

Mailing Address of Inventor:

Address 1	1200 Pacific Ave, Suite 250
Address 2	
City	Santa Cruz
State/Province	CA
Postal Code	95060
Country	US

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Albert	S.	Penilla	

Residence Information (Select One) ◉ US Residency Non US Residency Active US Military Service

City	State/Province	Country of Residence
Santa Cruz	CA	US

Mailing Address of Inventor:

Address 1	1200 Pacific Ave, Suite 250
Address 2	
City	Santa Cruz
State/Province	CA
Postal Code	95060
Country	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

☐ An Address is being provided for the correspondence Information of this application.			
Customer Number	25920		
Email Address	al@penillaip.com	Add Email	Remove Email

Application Information:

Title of the Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES		
Attorney Docket Number	VOLTP018.5.1.C4	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		**Sub Class (if any)**	
Suggested Technology Center (if any)	2859		
Total Number of Drawing Sheets (if any)	22	**Suggested Figure for Publication (if any)**	15

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	◯ Limited Recognition (37 CFR 11.9)
Customer Number	25920		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	16788253	2020-02-11

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

Prior Application Status: Patented — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16788253	Continuation of	16285706	2019-02-26	10652312	2020-05-12

Prior Application Status: Patented — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16285706	Continuation of	14987755	2016-01-04	10218771	2019-02-26

Prior Application Status: Patented — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14987755	Continuation of	13842158	2013-03-15	9229905	2016-01-05

Prior Application Status: Expired — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13842158	non provisional of	61745729	2012-12-24

Prior Application Status: Patented — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16285706	Continuation in part of	13452881	2012-04-22	10217160	2019-02-26

Prior Application Status: Expired — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13452881	non provisional of	61478436	

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. — Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Priority Claimed
			• Yes No

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. — Add

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 — Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☒

Organization Name	Emerging Automotive, LLC		
Mailing Address Information:			
Address 1	2053 Grant Road #366		
Address 2			
City	Los Altos	**State/Province**	CA
Country	US	Postal Code	94024
Phone Number		Fax Number	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

Email Address	

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Non-Applicant Assignee Information:

Providing assignment information in this section does not subsitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).

Remove

If the Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

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

Signature	/Albert Penilla/			Date (YYYY-MM-DD)	2022-07-25
First Name	Albert	Last Name	Penilla	Registration Number	39487

Additional Signature may be generated within this form by selecting the Add button. Add

PTO/AIA/14 (08-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	VOLTP018.5.1.C4
	Application Number	
Title of Invention	SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES	

This collection of information is required by 37 CFR 1.76. 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 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT APPLICATION

SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

INVENTORS:

Angel A. Penilla
Sacramento, California
U.S. Citizen

Albert S. Penilla
Sunnyvale, California
U.S. Citizen

SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

By Inventors:
Angel A. Penilla
Albert S. Penilla

Claim of Priority

[0001] The present application is a continuation of U.S. Application No. **16/788,253** filed on **February 11, 2020** entitled "Methods for Transferring User Profiles to Vehicles Using Cloud Services," which is a continuation of U.S. Application No. **16/285,706** filed on **February 26, 2019** (now US Pat. No. **10,652,312,** issued on **May 12, 2020**) entitled "Methods for Transferring User Profiles to Vehicles Using Cloud Services," which is a continuation of U.S. Application No. **14/987,755** filed on **January 4, 2016** (now US Pat. No. **10,218,771**, issued on **Feb. 26, 2019**) entitled "Methods and Systems for Processing User Inputs to Generate Recommended Vehicle Settings and Associated Vehicle-Cloud Communication," which is a continuation of U.S. Application No. **13/842,158** filed on **March 15, 2013** (now U.S. Pat. No. **9,229,905**, issued on **Jan. 5, 2016**) entitled "Methods and Systems for Defining Vehicle User Profiles and Managing User Profiles via Cloud Systems and Applying Learned Settings to User Profiles, which claims priority from U.S. Provisional Patent Application No. **61/745,729**, filed on **December 24, 2012**, and entitled "Methods and Systems For Electric Vehicle (EV) Charging, Charging Systems, Internet Applications and User Notifications", which is herein incorporated by reference.

[0002] U.S. Application No. **16/285,706** is a continuation-in-part of US Application No. **13/452,881**, filed on **April 22, 2012** (now US Pat. No. **10,217,160**, issued on **Feb.**

26, 2019) and entitled "Methods And Systems For Processing Charge Availability And Route Paths For Obtaining Charge For Electric Vehicles", which claims priority to US Provisional Application No. **61/478,436**, filed on **April 22, 2011**, all of which are incorporated herein by reference.

Field of the embodiments

[0003] The present invention relates to systems and methods for managing user profiles for vehicles and exchange of information with cloud-based processing systems.

BACKGROUND

[0004] Vehicles, such as motorized vehicles and electric vehicles have been around for some time. Vehicles provide a means that enable humans to drive from place to place. In today's world, vehicles have become an indispensable mode of transportation, and provide the freedom to travel at any time of day and for various distances. Vehicles can be publically operated or can be privately owned. Humans most commonly operate vehicles, no matter the type, whether electric or combustion engine based. In recent years, technology has been advancing to allow for better wireless interfacing and networking with vehicles.

[0005] It is in this context that embodiments of the invention arise.

SUMMARY

[0006] The methods, systems and apparatus include electronics of vehicles that drive display devices in vehicles and communicate wirelessly with Internet services.

[0007] Methods and systems provide access to cloud services over the Internet for managing a user profile of a vehicle on a cloud processing system connected to the Internet. One example method includes receiving requests to access the user profile to define settings for one or more vehicles. The method includes receiving input for user settings at the vehicle using the cloud processing system. The method includes processing the input over time to learn behavior associated with the input to the use settings. The method includes transmitting settings to the vehicle to be automatically implemented based on the learned behavior. In one example, the profile is associated with a plurality of vehicle types and the method includes detecting a violation of a setting or an incompatible setting in the profile that is user defined via the user account. The method can then automatically send a notification to a predefined administrator of the profile. The method being executed by a processor.

[0008] The profile can be transferred to one or more vehicles, can be set for a temporary period of time, can be set with wireless payment systems, and is accessible over the Internet to accept changes or updates.

[0009] In one embodiment, a method for locating and providing access to a shared vehicle of a shared vehicle network is disclosed. The method includes receiving a request from a user device of a user to locate a vehicle to use for a shared period of time. The method enables providing an option of vehicles within a range of a location identified by the request. Then, detecting proximity of the user device to a selected vehicle proximate to the location identified by the request. The method enables transfer of a user profile of the user to the vehicle. The profile is configured to automatically

set one or more user preferences of the vehicle. The method further includes receiving use data of the vehicle while the user profile is set for the vehicle.

[0010] In some embodiments, the user profile is deactivated on the selected vehicle when use of the vehicle is discontinued.

[0011] In some embodiments, the user profile is saved to a cloud services database, the user profile being accessible and updatable via a device having Internet access, such that transfer of the user profile to other vehicles enables the automatic setting of one or more user preferences on the vehicle during the use of the vehicle, and wherein the profile includes automatic payment settings to allow the vehicle to make wireless payment for services.

[0012] In some embodiments, the user profile includes user settings, the user settings include one or more of radio settings, or user interface settings, or temperature settings for particular times of day, or learned settings from user historical use, or seat settings, or automatic payment settings for vehicle money payment transactions, or combinations thereof.

[0013] In some embodiments, profiles are associated with vehicle types, the vehicle types include vehicle makers and vehicle models, wherein the profiles of the vehicle types identify available vehicle settings, the available vehicle settings of the vehicles being examined to identify which settings in the user profile are settable for particular vehicle types.

[0014] In some embodiments, the user profile includes verifiable biometrics for the user associated with the user profile.

[0015] In some embodiments, face recognition is used to validate access to the selected vehicle, as defined by the user profile.

[0016] In some embodiments, the user profile includes a group of users provided with access to the selected vehicle, and each user is associated with one or more settings, or the user profile is transferrable to one or more vehicles, or transferrable to another vehicle for a period of time, or transferrable to a rental vehicle.

[0017] In some embodiments, the user profile is accessible over a computing device having access to the Internet, the user profile defining access to cameras of one or more vehicles, record settings, and remote access controls.

[0018] In one embodiment, a method is disclosed. The method includes receiving information for a user profile of a user, wherein the user profile defines one or more settings that are preferred to be set in vehicles if the vehicles support the settings. The method includes identifying a selected vehicle for applying the user profile. The selected vehicle having a plurality of settable settings. The method further includes determining applicable settings for the selected vehicle. The applicable settings being those settings that are preferred to be set as identified from the user profile and are settable in the selected vehicle. The also includes sending the applicable settings to the selected vehicle. The method is executed by a server executing cloud processing, the server including a processor.

[0019] In some embodiments, sending the applicable settings to the vehicle includes, sending the applicable settings directly to vehicle electronics of the selected vehicle, or sending the applicable settings to a computing device for subsequent transfer to the selected vehicle.

[0020] In some embodiments, the method further includes examining setting modifications over a period of history use, generating learned settings, and sending the learned settings to the selected vehicle.

[0021] In some embodiments, the plurality of settable settings of the selected vehicle is predefined for specific types of vehicles associated with automobile makers or automobile models.

[0022] In some embodiments, the determining of the settings for the selected vehicle includes performing a mapping between the user profile and an automobile database.

[0023] In some embodiments, the applicable settings for the selected vehicle are saved to the user profile, the method further includes determining applicable settings for one or more other selected vehicles and saving said applicable settings to the user profile.

[0024] In some embodiments, the method further includes verifying the user as associated with the user profile using one or more biometric evaluation systems, which include one or more of image detection, or face detection, or voice detection, or finger print detection, or password detection, or combinations thereof.

[0025] In some embodiments, the method further includes associating one or more sub-user accounts to the user profile, the sub-user accounts having predefined privileges for the selected vehicle to enable or restrict settings or function of the selected vehicle.

[0026] In some embodiments, the selected vehicle is a private vehicle or a shared vehicle associated with a car sharing system, if the vehicle is associated with a car sharing system, the settable settings of the selected vehicle can be enabled or disabled using an administrator account of the car sharing system, or if the vehicle is a private vehicle, the settable settings of the selected vehicle can be enabled or disabled using an administrator account that can define one or more sub-user accounts with the same or varying privileges for use of the selected vehicle, the user profile being accessible via a computer having Internet access to the cloud processing.

[0027] In some embodiments, particular sub-user accounts enable access to specific information concerning the selected vehicle, the information including one or more of vehicle sensors, vehicle electronics, vehicle mechanics, engine control, vehicle diagnostics, or combinations thereof, wherein said particular sub-user accounts are accessible over the Internet for viewing or control using a password.

[0028] In one embodiment, a method for managing a user profile of a vehicle on a cloud processing system connected to the Internet is disclosed. The method includes accessing the user profile having user settings for the vehicle at the cloud processing system and communicating changes to user settings at the vehicle to the cloud processing system, the cloud processing system processing the changes over time to learn behavior associated with the user settings. The method includes receiving, from time to time, automatic changes to the user settings of the vehicle, wherein a repeat pattern of the changes is qualified as learned behavior before the automatic changes are sent to the vehicle for programming the vehicle. Electronics of the vehicle enable connection of the vehicle to the Internet for enabling the accessing of the user profile, the communicating of changes and the receiving of the automatic changes, to and from, the cloud processing system, wherein the cloud processing system is accessible by vehicles having predefined access credentials, the method being executable by a processor.

[0029] In one embodiment, a profile update is transferred to the vehicle and the profile update learned from user input is stored to the profile database. In one example process, the method includes accessing a plurality of profiles of different users stored in the profile database and detecting pattern similarities in changes made to the profiles, of different users, based on respective learned user input. The patterns can include type of input, time of day inputs, time of season inputs, inputs based on certain conditions

being met, such as comfort, temperature, security, number of occupants in the vehicle, weather, age of vehicle, service requirements of the vehicle, etc. In one embodiment, a method provides a suggested setting to the user account of the profile, where the suggested setting is identified from the detected pattern similarities of the different users. Because the database or distributed database can include data from many users, the data can be analyzed for patterns, overlaps, similarities in regions of the world, age associated similarities, demographics of the users, social connections of the users, social graph intersections, comments made by many users, crowed sourced data, etc.

[0030] In one embodiment, a device used to access a profile may be one of a portable device, or a computer, or a vehicle computer interface, and the user account is provided with notifications requesting approval of a learned setting from the user input over time or learned from input of different similar users. The notification can be transmitted to an application, and the application provides data, interfaces and selections to view and modify data and view a history of learned settings and history of approval or disapproval of the learned settings. This history can then be mined to find overlaps in patterns and patterns between one user and another user.

[0031] In one embodiment, a user account is provided with notifications requesting approval of a recommended learned setting from the user input over time. The notification is transmitted to an application. The application provides a user interface of a history of learned settings and history of approval or disapproval of the learned settings. The method, such as on a server or local device, can process the approvals and disapprovals to determine a probability that the user will accept a future recommended learned setting, and if the probability is below a predefined threshold, the future recommended learned settings is not provided as a notification to the user account.

[0032] In one embodiment, a profile is caused to be disabled at the vehicle if a user associated with the user account is not validated to be using the vehicle with the profile, and sending a notification to an administrator of the user account. The notification including a link to a user interface that enables communication with electronics of the vehicle, (a) to view images in and around the vehicle, or (b) to control an instrument of the vehicle, or (c) to remotely grant a guest profile for the vehicle, or (d) to sound an alarm at the vehicle, or (e) to establish a two-way audio/video communication with a person that is proximate to the vehicle from a remote location of a device connected to the Internet.

[0033] In one embodiment, when a vehicle is designed to make payment, the making or completing of a payment can include communication with a payment account and providing a user interface in the vehicle or a portable device associated with the user account to accept completion of the payment. The acceptable of completion including one of accepting a signature at the user interface, selecting button(s) or setting on the user interface, validating the user via biometrics saved to the profile, or combination thereof, the method being executed by a processor.

[0034] In one embodiment, security encryption can encapsulate the transaction and communication with a payment agent or third party. The security encryption can also be provided for any communication between any vehicle, the cloud services and user devices.

[0035] In one embodiment, a method is provided. The method includes receiving, by a server, a request to manage a profile for a user account. The method also includes identifying, by the server, a vehicle type from the profile and receiving, by the server, a plurality of settings for the profile of a vehicle having the vehicle type. The settings are stored on a database of a cloud services system that includes the server. The method

further includes transferring, by the server, the plurality of settings of the profile to the vehicle. The transferring is via wireless communication transfer over the Internet, and the settings are configured to be implemented by the vehicle when the vehicle is used with the user account. The method also includes receiving, by the server, communication from the vehicle regarding inputs made to systems or functions (i.e., interfaces) of the vehicle, and the inputs occurring over time and communicated to the server from time to time. Further, the server processes the received inputs made to systems and functions of the vehicle. The processing is made for learning types of inputs preferred while the user account is associated with the vehicle. The learning is configured to identify a recommended setting for the vehicle. The recommended setting is identified when the inputs made show a historical pattern of being made. The server is configured to send the recommended setting to the user account. The recommended setting is configured for implementation on the vehicle by electronics of the vehicle. The recommended setting, when implemented, is used on the vehicle when the vehicle is used in association with the user account.

[0036] In another embodiment, systems for communicating with a server of a cloud system used for managing access to a user account having a profile that includes settings for a vehicle, are provided. The system includes a wireless communication system interfaced with a computing system. The computing system of the vehicle is configured to connect with the server using the wireless communication system and credentials for the user account are transferred by the computing system to the server to enable the server to access the profile of the user account and enable the computing system of the vehicle to use the profile. The computing system of the vehicle is configured to implement one or more settings for the vehicle upon making the profile active on the vehicle and while the profile is active on the vehicle, is configured to

monitor use activity of the vehicle. The use activity of the vehicle includes inputs received by interfaces of the vehicle. Data regarding the use activity of the vehicle is communicated to the server for identifying patterns from the inputs. The computing system of the vehicle is configured to receive data from the server that is used to make a recommendation for a change to a setting in the vehicle. A display screen of the vehicle is provided with a message that includes the recommendation for the change to the setting. The message is provided via a user interface control that enables acceptance of the change to the setting. The computing system generates an instruction to make the change to the setting and the change to the setting is implemented by the vehicle, and the change to the setting is further added to the profile.

BRIEF DESCRIPTION OF DRAWINGS

[0037] Figure 1 shows example profiles settings for a vehicle, and association to roles, in accordance with one embodiment.

[0038] Figure 2 shows additional role settings for different users, in accordance with one embodiment.

[0039] Figures 3-5 show additional vehicle profile settings, in accordance with one embodiment.

[0040] Figures 6-9B show example pairing of a vehicle to a user profile, and examples of a shared vehicle transfers of profiles for limited use of the profiles on the shared vehicles, in accordance with one embodiment.

[0041] Figure 10 illustrates validation method for enabling a profile on a vehicle and biometric validation, in accordance with one embodiment.

[0042] Figure 11 illustrates various settings for a profile and adjustments that can be made over the Internet via a device, e.g., using a portable device or the vehicle electronics and displays, and remote controls and settings in accordance with one embodiment.

[0043] Figure 12 describes a system in which a user interacts with a model view controller software environment useful for processing APPS using APIs on vehicles with vehicle operating systems capable of processing computer code, in accordance with one embodiment.

[0044] Figure 13A describes how vehicle on board computer with input output system useful for accepting input, processing input and displaying results in conjunction with stored computer readable programs or functions in the forms of APPs may be structured, in accordance with one embodiment.

[0045] Figure 13B describes one example of how stored data and function declarations may be compiled to provide intermediary access to a vehicle's computer controlling vehicle systems, in accordance with one embodiment.

[0046] Figure 13C describes a set of computer readable and executable code that can be compiled together by a third party APP developer in the form of an APP, in accordance with one embodiment.

[0047] Figure 14 describes the stepped flow of events as a user interacts with an APP, in this case, an HVAC APP, in accordance with one embodiment.

[0048] Figure 15 Describes further ways an APP may take, process and produce results, in accordance with one embodiment.

[0049] Figure 16A describes an ecosystem where an APP in conjunction with a vehicle API may work together to make assumptions, make decisions and take actions, in accordance with one embodiment.

[0050] Figure 16B describes how one of many types of inputs into an assumption and reasoning logic module can be compiled over time, in accordance with one embodiment.

[0051] Figure 16C describes one example of what an assumption and reasoning logic module may produce using the data points collected on an ongoing basis in Figure 16B, in accordance with one embodiment.

[0052] Figure 16D describes an example list of decision the decision and action engine may take based on information provided by the assumption and reasoning logic module and sets of assumptions created, in accordance with one embodiment.

DETAILED EMBODIMENTS

[0053] Embodiments of the present invention define methods, systems and apparatus for use in vehicles. The methods, systems and apparatus include electronics of vehicles that drive display devices in vehicles and communicate wirelessly with Internet services.

[0054] The Internet services provide access to cloud services. The cloud services provide access to user accounts and access to settings, configurations, applications and other customization defined by the user. Customization can include user interface customization of a vehicle display or displays. The customization can include the ability to select specific applications (APPS) to be activated by the vehicle and interfaced via the display or displays, voice input, touch input, etc. The customization is also provided with a learning engine that learns use behavior by the user or patterns of behavior of multiple users, and automatically implements settings or programming to aspects of the user interface, or provides recommendations or notifications with recommendations. The programming can include automatic programming at certain times, days, months, years, etc., and can be updated or molded over time as the user continues to use the vehicle UI.

[0055] In one embodiment, a user can access cloud services for a vehicle manufacturer and identify the particular vehicle from selected choices. The user can then identify a customization profile for the vehicle by defining the look and feel of a UI display, arrangement of vehicle controls on displays, add and associate third party APPS to the vehicle display, and save the configuration.

[0056] The configuration, in one embodiment, is saved to the profile of the user. In one embodiment, the profile is saved on a database of a specific vehicle manufacturer

that offers the customization option. In still other embodiments, once a configuration is saved to the profile account of a user, that configuration can be shared to other vehicles of the user. In still other embodiments, when a user buys a new car, the custom configuration can be transferred either entirely or partially to the new vehicle. In some embodiments, if the vehicle has more or less system functions, the customization can be adjusted automatically or the user can be provided with options to update the customization to add or delete features. In one embodiment, the customization will be facilitated via a website. In one embodiment, the website may be of the vehicle manufacturer. In one embodiment, the website of the vehicle manufacturer can allow the user to add APPS that are created by third parties. The third parties can create APPS that communicate with APIs of the system components of specific vehicles of the manufacturer. Once APPS are selected, the user can add them to the custom user interface (UI) display.

[0057] The user can also be allowed to arrange the APPS or icons of APPS in a specific custom arrangement that is saved to the user's profile. In one embodiment, the user's profile can also be run on various vehicles, other than those owned by the user. For instance, if the user is renting a vehicle and the vehicle has access to cloud services, the user can enter his user name and password (or other identifiers), which log the user into the cloud services and saved profiles. The saved profiles will then enable logic to build a custom UI for the user based on the vehicle being driven. In one embodiment, the system components and APIs of the system components of the rented vehicle can be paired or linked to the users saved APP selections.

[0058] The user's saved UI configuration may also be transferred to the display of the rented (or other vehicle) vehicle. A best-fit configuration can also be generated using the user's profile selections, so that the configuration provided for the other vehicle will

closely resemble or appear as it does for the configured vehicle. In other embodiments, the user's use metrics can be monitored. The use metrics can include use of APPS, use be of system components of the vehicle, use of the vehicle, environment conditions, and historical actions taken by the user via the input/output controls of the vehicle (e.g., buttons, levers, keys, fobs, display selections, display interface actions, communication actions, etc.).

[0059] These historical actions can then be used to define learned actions. The learned actions can be analyzed to change configuration settings in the user's saved profile. For instance, if the user uses a particular APP every day at a particular time, that APP icon can be surfaced to the display or preset to start. The APP can then provide information to the user at about the same time the user normally needs the information. Other historical use patterns can be monitored and such data can be saved to the user's profile.

[0060] The data can then be used by algorithms that build assumptions based on historical inputs by a user as well as environmental inputs, location inputs, vehicle diagnostic inputs, internet connected marketing deals, the user's calendar, traffic conditions as well as news. The assumptions the algorithm builds are then processed into decisions and actions by an additional algorithmic process to activate local or remote audio and visual alerts, change vehicle systems, display information on a vehicle's displays and request a decision from a user locally or remotely to complete an action.

[0061] A number of embodiments are described below, with reference to specific implementations that refer to vehicles, but such implementations should be broadly construed to include any type of vehicle, structure or object. Without limitation, vehicles can include any type of moving object that can be steered, and can include

vehicles that are for human occupancy or not. Vehicles can include those that are privately owned, owned by corporations, commercially operated vehicles, such as buses, automobiles, trucks, cars, buses, trains, trolleys, etc. Example vehicles can include those that are combustion engine based, electric engine (EV) based, hybrids, or other types of energy source vehicles.

[0062] A cloud processing system, as described herein, will include systems that are operated and connected to the Internet or to each other using local networking communication protocols. A cloud processing system can be defined as an interconnected and distributed physical or virtual software defined network that utilizes virtual or physical processing and storage machines that enable various applications and operating systems to facilitate the communication with and between various client devices (vehicles, user devices, structures, objects etc.).

[0063] The communication with and between the various client devices will enable the cloud processing system to deliver additional processing information, data, and real-time metrics concerning data obtained from other processing systems as well as client feedback data. The distributed nature of the cloud processing system will enable users of various vehicles, structures and objects to access the Internet, and be presented with more flexible processing power that will provide the requested services in a more effective manner.

[0064] The processing systems can be defined from various data centers that include multiple computing systems that provide the processing power to execute one or more computer readable programs. The processing of the computer readable programs can produce operations that can respond to requests made by other processing systems that may be local to a vehicle's electronic system. For example, a vehicle can include

electronics that utilize memory and a processor to execute program instructions to provide services.

[0065] In other embodiments, the electronics of a vehicle can synchronize with a user's portable electronics. The user's electronics can include, for example mobile devices that include smartphones, tablet computers, laptop computers, general-purpose computers, special purpose computers, etc. The various computing devices of the vehicle, and or the computing devices of the user (smart devices) can be connected to the Internet or to each other. Provided that a user has access or account access to the cloud service, the cloud processing services on the Internet can provide additional processing information to the electronics of the vehicle.

[0066] The wireless communication can include cellular tower communication that couples and communicates through various networks to the Internet, to provide access to cloud processing 120. Other methods can include providing Wi-Fi communication to local Wi-Fi transmitters and receivers, which communicate with cloud processing 120. Other types of communication can include radio frequency communication, such as 802.11.ac, 802.11ad and subsequent wireless networking protocols, Bluetooth communication or combinations of Wi-Fi and Bluetooth. It should be understood that vehicle electronics can communicate with cloud processing 120 via any number of communication methods, so long as exchanges of data can be made with cloud processing 120 from time to time.

[0067] The communication can be made by vehicle electronics while the vehicle is on or when the vehicle is off, so long as communication and processing circuitry of vehicle electronics has a power source. The power source can include battery power that powers vehicle electronics to communicate with cloud processing 120 when

vehicle is turned off. When vehicle is turned on, the battery that drives vehicle electronics can be recharged.

[0068] Still further, certain applications can increase in size when being used or decrease in size to enable selection at a later time. For example, selecting the temperature system component may expand the system component to a larger space, thus temporarily removing other displayed components. The user can also select other buttons to access other system controls, other apps, or modify or add applications or system controls. When modifications are made, the modifications are saved to a user database and profile of the user, as managed by cloud services.

[0069] Cloud services will therefore allow any future modifications to be made to the custom configuration at any time and from any computer connected to the Internet. Still further, the custom configuration can be transferred to a second vehicle. If the custom configuration is transferred to a second vehicle, the system can select the system components for the second vehicle and attempted do a best match of applications available for the second vehicle that resemble or match the ones used in a first vehicle. Specific settings, arrangements and other features may also be transferred to a second vehicle, by simply transferring the custom configuration to a second vehicle.

[0070] In one embodiment, the functions of the specific applications illustrated in the display will be monitored and restricted depending on safety considerations while driving. For example, if the interfacing functionality requires more interactivity with the display, or requires a reading of text or inputting text, those functions will be disabled during operation of the vehicle. Once the vehicle comes to a stop, or is placed in Park, certain of these functions will be activated. In other embodiments, other safety considerations will allow for applications to shift from outputting text to outputting audio or voice. The input can also be changed from touchscreen, button touches,

selections, and/or voice input. In still other embodiments, safety considerations can allow certain user interface components to move about the display to provide easier reading while driving or automatic conversion of text to audio.

[0071] For example, content being displayed in the center panel display of the vehicle, can be automatically shown in the dashboard display region of the vehicle, such as in front of the steering wheel. In still other embodiments, some content or display data can be moved from the center console or the display in front of the steering wheel to the windshield of the vehicle in a heads-up display area. Accordingly, algorithms executed by the applications and applications of the manufacturer, can cooperate to provide functionality to the application features and interfaces, while maintaining safety parameters defined by rules. The safety parameters will therefore allow content of the user interface to be shifted around to various displays of the vehicle, or translated to voice or audio at certain points in time.

[0072] These settings and customizations can be made through the web/cloud services and tools provided by the website of, for example the manufacturer of the vehicle. In one embodiment, the cloud services provided by the manufacturer can be provided by a partner of the manufacturer. The partners of the manufacturer can include software companies that develop, host, or manage certain functionality provided by the vehicle manufacturer. In other embodiments, the partner software companies can integrate tools or components with tools and components of the vehicle manufacturer. This provides for integration with one or more cloud services, software services, Internet services, and services provided by systems of vehicles or systems of the vehicle manufacture. In either case, whether the software and logic is designed and constructed by one or more entities, the cloud services provided by the vehicle manufacturer or the website that provides the tools for customization will appear as a unified simple to use interface for

the user. As mentioned above, the cloud services can provide databases for saving the user profile and data associated with the user account.

[0073] The user profile can include settings made by the user, customizations made by the user, identification of applications purchased or added to the vehicle customizations, etc. Still further, the user profile data can be part or be associated with the user account. In this manner, the user that customized a user interface can access the Internet at any time, whether through the vehicle or through any other computing device having access to the Internet and make changes, modifications, or access control features of the vehicle remotely. In one embodiment, the profile of the user can be accessed from any vehicle, such as rented vehicles or shared vehicles. Settings and profile data can then be shared for a period of time on any vehicle and use data on that vehicle can be stored.

[0074] When the user is not using the vehicle, the custom configuration can be turned off or locked out for another session. Once the user wants to start a new session, the user can log back in and the custom configuration returns. In other embodiments, the custom configuration will automatically turn off when the user is not driving the vehicle or has not logged into the vehicle. In other embodiments, the custom configuration can be automatically turned on when the user is detected. The user can be detected using biometrics, login credentials, image detection of the face, fingerprint detection, retina scans, etc. In some embodiments, biometrics can include data used to identify the user, such as face recognition, fingerprint reading, retina scans, voice detection, or combinations thereof. Still further, the custom configuration can be transferred to other vehicles.

[0075] If the user wishes to use his or her custom configuration in another vehicle, the user can login to the custom configuration or user account from another vehicle. If the

other vehicle does not have all the system components needed to define the custom configuration, the custom configuration can be supplemented with other similar components automatically. In other embodiments, the custom configuration can be transferred from one vehicle to another, or when the user buys a new vehicle. In another embodiment, the custom configuration can be adjusted based on the driver. The custom configuration can also be preset remotely from the Internet, using the cloud services. The custom configuration can also be configured to provide limited use of certain systems or the vehicle, such as when a guest is driving the vehicle. In other embodiments, restrictions can be placed on the vehicle speed, location of driving, and automatic notifications for the user or the master user of the vehicle. The master user of the vehicle can have a master account with administrator credentials.

[0076] In still another embodiment, the vehicle can be loaned to a child of driving age (under 21/18 years of age), and the child can be provided with restricted use of the vehicle. When the child exceeds or does not follow the restrictions of the vehicle, automatic notifications can be provided to the user that is the administrator of the vehicle. The notifications can be by cell phone, smartphone, tablet computer, mobile device, text messages, phone calls, commendations of phone calls and text, audio messages, audible sounds, vibrations, and commendations thereof. History use of the vehicle can also be maintained in cloud services. The history use can provide the user with information as to where the vehicle has been, the speed or events, violations that occurred when use of the vehicle etc. The configuration can also provide messages to the driver warning the driver of when the vehicle has exceeded a restriction, or is approaching a restriction in use, driving area, speed, etc.

[0077] The screen displays can have various configurations, placements, sizes, number of pages, tabs, etc., and the user can provide controls for some or all of the

interfaces and controls in certain locations. The selection can be enabled for third-party applications. The third-party applications can be selected from the vehicle site, or by providing links to third-party sites. The third-party applications can be pre-identified by the site and displayed to the user if they are compatible with the particular vehicle selected. In another embodiment, the third-party applications can all be shown to the user whether or not they are compatible with the vehicle. Upon binding/pairing or attempting to find application for the vehicle, compliance as to whether the applications operate or comply with the particular vehicle can be made.

[0078] In one embodiment, certain third-party applications can be reviewed by the vehicle site administrators before they are made available to users for selection. In other embodiments, the third-party applications can be approved or disapproved. In still other embodiments, the third-party applications can be augmented with restrictions made by the vehicle manufacturer, or dictated by law. The restrictions can be applied, based on the anticipated interfacing with the vehicle interfaces, to ensure safety during driving. For instance, if a particular application requires entry of text, navigation of controls, or other activities that would distract the driver during operation of the vehicle, such vehicle controls or application controls for application interfaces can be temporarily disabled, or can be automatically transferred to a heads up display, or can switch to take audio vocal input from the user. In some embodiments, when the vehicle has come to a stop or is place to park, certain controls or interfaces can be re-enabled, or moved back to original display location or converted back from voice input to touch input. In one embodiment, tools provided by the vehicle site or third-party site can provide for customization of the layout of the display screens of the user interface.

[0079] The customization can include organizing or laying out system interfaces as well as application interfaces, such as those interfaces provided by 3rd parties. In one

embodiment, interface rules are applied to determine if the system interfaces can be replaced with third-party application interfaces, while providing access to the control interfaces via the APIs of the systems. For example, if the user wants to provide a custom speed indicator, the speed indicator must be compliant (via APIs and/or mapping) with the system interfaces so that the speed readings can be populated to the third-party application. In one embodiment, rules can be integrated with or applied to the applications and system user interfaces for when the vehicle is moving. As mentioned above, such rules can limit interactivity with certain user interfaces while the vehicle is moving to prevent unsafe driving. In one embodiment, the custom user interface is saved to the user profile.

[0080] The user profile may contain settings, such as selections of the user interface components associated with the system of the vehicle, as well as user interface is provided by third-party applications. In addition, the user profile can contain and store settings provided by the user. The settings provided by the user, as mentioned is this disclosure can also be learned settings based on use. The settings can further include remote access settings, as well as settings allow the user to control vehicle components from a remote location or a remote computer. The setting can also include providing access to the user account to view historical driving patterns, recent driving activities, the performance of the vehicle during specific driving sessions, the performance of specific vehicle components, etc.

[0081] In one embodiment, the custom user interface configuration can be transferred to the vehicle. The custom configuration, as mentioned above is stored in the database of the vehicle manufacturer, or a database held by a 3rd party that cooperates with the vehicle manufacturer to provide cloud services. The database, in one embodiment, is a network accessible storage which allows access to the user to program and modify the

user interface using any computer or device having access to the Internet, including the vehicle itself or a third-party vehicle. The method then proceeds to operation where the custom user interface can be activated in managed for Internet connectivity for components of the custom interface. For example, the vehicle's Internet access protocols can be set, or registered with an Internet provider or service provider for the cloud services. The service provider for the cloud services can be the vehicle manufacturer, a company cooperating with the vehicle manufacturer, a third-party company, or combinations thereof.

[0082] In one embodiment, the method/logic can also enable local communication with mobile devices that may be in the vehicle. The enablement may be provided by allowing synchronization with the computing system of the vehicle, or with the computing communications of the portable device. For example, the local communication can be paired automatically, based on a preset pairing process where pairing keys are entered. This provides for automatic settings and synchronization when the user enters the vehicle with the portal device. As mentioned above, user interfaces associated with applications loaded on the user's portal device can also synchronize to the display screens of the vehicle, as predefined by the user.

[0083] In one embodiment, vehicle settings are saved to either a memory number button on the vehicle or synced to a key fob, or accessible via an interface or voice activation. In one example, a vehicle operator profile is provided to allow users to maintain their individualized profiles, settings and accounts for vehicles from any internet connected device or be able to login to their vehicle physically in or near the vehicle by the use of a fob, thumb print, eye scan and or manual login using an input device that interacts with the vehicle's login system.

[0084] In one embodiment, the profile can be managed at a user account saved to a central or cloud distributed system, to manage access. Any vehicle can be abstracted so that any user can log into any vehicle if they have an account that allows access to that vehicle. For instance, a vehicle owner with the role of "administrator" (e.g., an administrator of a user account that has a profile associated therewith or multiple/sub profiles) can create logins for his or her vehicle(s) for additional users such as his or her children, spouse, mechanic, and valet driver among other applications. Logins can be created for individuals or for roles such as the role of "child" where all users with the role "child" would have the same vehicle specifications applied to the vehicle they will be logging into. Similarly, the role of valet can be given and shared by any valet driver.

[0085] The purpose of abstracting vehicle operators from the vehicle itself is a shift from the current state of the art in which settings are vehicle specific- each vehicle typically only having the ability to store 1-3 sets of settings, to where vehicle settings are user specific and 1-n logins can be managed through an access management system. The embodiments defined herein allow each user to apply his or her settings to any vehicle based on their login information in which they provide their login and password. When a user logs into a vehicle, the vehicle will determine locally on board and/or communicate remotely with a central or distributed access management system to determine the validity of the login presented to the system. If the user's login is recognized, the system will apply settings and use privileges to the vehicle prescribed by the login.

[0086] Logins can have "role" specific settings and privileges or settings and privileges set only by the administrator that cannot be overridden by the user of the login. For instance, an administrator may create a login for "John" their 16-year-old son. The administrator can apply settings to John's login that John cannot override such

as the maximum speed the vehicle can travel. For instance, Although the vehicle may have the ability to travel at a speed of 130 mph, John's login will only allow the vehicle to travel at a speed up to 90 mph. Additionally, every login may have settings that the user of the login can toggle to their liking such as the list of radio stations they would like pre-programed every time they log in to any vehicle that accepts their login.

[0087] Logins can control all aspects of a vehicle's behavior and can be attributed to individuals or roles. These settings can be toggled via a network connected device such as a computer, web application, smart-phone or directly on the vehicle. Administrators can decide which settings are locked for specific logins or roles, which are open for the login user to toggle and which settings are to be enforced depending on the time of year, or time or day etc., or when a condition or event is detected.

[0088] Login settings that can be set and remotely administered include but are not limited to, driving characteristics (rate of speed, fuel consumption guidelines) location based settings (GPS aided travel restrictions, travel radius boundaries, dynamically loading maps, dynamically loading directions, dynamically loading fuel, charge and battery service and purchase locations etc.), time of day based use restrictions (day driving only for example), automatic purchase settings (financial institution linking for automatic purchasing of fuel, charge time, batteries, car washes, etc.), fuel settings (Electric only, fuel only, hybrid only etc.), refueling routing and purchase (incentive based re-fueling maps, incentive based refueling offers etc.) driving characteristic settings (sport, comfortable, soft, off-road, high performance, economy mode), entertainment system settings (radio memory settings, internet access or restriction, streaming services settings), comfort & HVAC settings (climate control, seat positions, seat heater/cooler, suspension/ride settings, entry lighting, remote start, remote stop

etc.) tracking/metric settings (camera/video recording guidelines, mileage, top speed, average speed, MPG, wear and tear settings and notifications, historical travel maps).

[0089] Automatic purchase settings can be processed in response to requests from the vehicle. The request can be, for example, to transact a payment is for one of a car wash service, a fast food service, a toll road service, a goods purchase service, a rental service, a lease service, or combinations thereof.

[0090] Additionally, combinations of settings or setting profiles (such as "sport" where your seat moves to sport position for additional support, suspension stiffens, throttle response becomes aggressive etc.) can be set as well instead of individually setting use characteristics. In one embodiment, logins are user specific, not vehicle specific, so any family member can use their login on any family vehicle and the vehicle will perform based on the metrics and restrictions dictated by the login used to operate the vehicle.

[0091] Companies or entities can create and manage logins to company vehicles for delivery drivers, car washers, and mechanics among other applications. Each login can be configured to provide or restrict access based on the user logged into the vehicle. A company may only allow a delivery vehicle to travel at a maximum speed of 80 mph to limit reckless driving. A company may create a role of "local delivery only" where a driver with that login can only drive the vehicle within their territory. Breaches in territory travel will result in a recorded event and notification to the vehicle administrator as well as the vehicle operator. A grace period will be given to re-route back into the driver's territory before more aggressive vehicle disabling mechanisms are deployed. The driver will be given visual and audio cues as to how to avoid vehicle disabling.

[0092] A dealership can grant "test drive" logins to potential customers, which allows them to operate less than 100mph and only within a 5-mile radius. In one embodiment, alerts or notifications can be automatically triggered if violations in the restrictions are detected. A dealership may also grant a "demo" login for instance which showcases the vehicle's capabilities, available APPS, features and benefits. Variations of the "demo" login can be used on variations of potential buyers. A " 18-24 year old demo" may be useful for enticing that demographic and showcases the vehicle's features 18-24 year olds are most receptive to.

[0093] A valet can be given a password to login only as "Valet" which will impose restrictions on trunk operation, vehicle speed operation, vehicle location notification settings etc. A recording option can be provided, which can set a recording within and around the vehicle when in the valet mode. This way, the user can login to see what the valet driver did while in possession the car, in case the owner feels that something is not correct when the vehicle is returned to the owner. Additionally, while the valet is driving the car, a notification can be provided to the valet that will alert the valet that recording is in progress, and their face can be shown on the display while the valet parks the car.

[0094] A user may set the valet login to alert the user that left the vehicle with a valet that the car has traveled beyond the allowed radius or has reached a speed greater than 100mph, for example. This alert can be sent wirelessly to an email address, texted via mobile phone number or sent to a mobile device having a login-profile mobile application capable of sharing current vehicle location, speed, fuel status among other metrics. The last logged in user of the vehicle or vehicle administrator can send visual, audio or auto override notifications to the valet letting them know they need their car back, they are traveling too fast or even auto shut down to prevent theft.

[0095] A parent can set up a login to the family vehicle for their child that only allows the child to drive within a certain radius. For example the vehicle may only be used to drive between home and school. A map can be outlined on the account management interface by a parent when setting up the child's login to support the home to school restriction intended.

[0096] In one embodiment, a parent or company may give a child or company driver a login that also carries a financial allowance connected to one or more financial institutions administered through the access management and/or login management system by administrators. For instance, a child may have the need to re-fuel the vehicle by purchasing either traditional fuel, battery units, and or charging time but a parent does not want to give a general credit card to the child. The parent will set a budget for fuel purchase for the given login and the login will then allow the vehicle will communicate with the fuel, battery, and or charge-dispensing unit automatically using a wired or wireless communication systems funding the purchase automatically up to the allotted budget set in the login of the vehicle.

[0097] In one embodiment, these features are useful for fleet vehicles where company vehicle users currently use a corporate credit card to purchase fuel where fraud may exist in the form of using company credit cards, or company fuel accounts to fuel personal vehicles. The new system ensures only the company owned vehicle is approved to purchase the traditional fuel, battery, charging time and also maintains metrics on which logged in user consumed fuel and re-fueled which vehicle.

[0098] In one embodiment, a process is created so that some or all manufacturers use the same type of login/access management system. By way of example, any user can log into any vehicle from any brand in so far as they have account creation access or a

recognized login. Once logged in, each vehicle will receive and impose the login-based settings as long as the manufacturer supports the login/access system.

[0099] Figure 1 shows various methods a user can interact with a vehicle login system, in accordance with one embodiment. The user may use any network-connected device ranging from a mobile computer, mobile phone, mobile network device all connecting to a remote converged or distributed network cloud system. The user may also interact with the vehicle login system directly on or near the vehicle. The user supplies login credentials to a vehicle login interface which are sent to the remote distributed or centralized user login authentication system or onboard vehicle authentication system. The processing logic receiving the login credentials processes the data and returns an authentication response to the user attempting to log in. If the authentication is a success, the vehicle the user attempted to log into has vehicle settings applied to it and the user is allowed to operate the vehicle. If the authentication is a failure, the user is presented with a failed access notification on the login interface.

[00100] Figure 2 shows two different types of users and an example of how the user is organized, in accordance with one embodiment. In this example, User 1 is an administrator of a vehicle login system over vehicles he or she owns. User 1 has the ability to add or remove logins, roles and vehicles to his login system. Since User 1 is an administrator, he or she can add more logins and or roles to the system to allow a family member to have access to the family vehicles for instance. In this case, a family member "User 2" is shown. The administrator has given this family member a login named User 2 and has granted two roles to User 2. User 1 may only want User 2 to have access to a certain vehicle and to certain roles only. User 1 may only want User 2 to have access to the vehicle for the purposes of traveling between school and home. In

this case User 1 has created a role that is applied to User 2, which only allows the vehicle to travel within certain restrictions and geographical locations.

[00101] In this example, User 2 does not have the ability to alter his or her login, role or vehicle since they do not have administrator access. However, User 1 can make changes on behalf of User 2. The full range of settings over a vehicle that applies to a given role or login is a super set of settings. User 2 may have access to a subset of settings that User 1 allows changes to by User 2.

[00102] Figure 3 shows a graphical representation of a example set of settings an administrator such as User 1 may have to administer logins, roles, and vehicles. Figure 3 further expands the depth of settings, including but not limited to, vehicle administration, adding or deleting users and roles, vehicle global settings that apply to all roles and logins, adding or deleting vehicles among other settings.

[00103] Figure 4 shows one sample of many potential configuration settings for a given vehicle. In this case, User 2 has a login created for him or her named "CHILD". This login contains a set of settings that may or may not be configurable by User 2 since User 2 is not an administrator, only a subset of settings are open to him or her to alter. The drawing illustrates the settings that are user editable and admin only or restricted. The left column lists the type of settings corresponding on the same row on the right column. These settings are examples and may be altered, added to, or subtracted from in different embodiments. For instance, fuel use settings allow an admin in this case to choose what type of fuel the user login CHILD is allowed to use while logged into the vehicle. Similarly, location based settings allows an administrator to draw out a map of the area the user login CHILD is allowed to travel within while logged into the vehicle.

[00104] Figure 5 describes extended settings from Figure 4. This figure describes additional vehicle settings that are configurable by the user with the login "CHILD" and those that are only configurable by User one being the Administrator. Figure 5 also describes a subset of settings a user login CHILD in this case is allowed to change. For example, the user login CHILD is allowed to select his or her radio stations, streaming services, and Internet access settings for a unified experience in any vehicle they log into using this log in. Similarly, the user login CHILD can access driving modes and set the vehicle mode to sport for instance. It should be understood that the example "CHILD" profile is just that, an example, and any type of user profile may be set with the defined privileges and/or restrictions.

[00105] Figure 6 illustrates an example of utilizing a profile of the user, to access cloud services 120, and a database 115, in accordance with one embodiment of the present invention. In this example, a user may utilize a connected device 110 to access cloud services 120. Using the connected device 110, the user, in this case Bob, is accessing his universal profile settings. His profile settings may include settings that have been selected before in earlier sessions, or default settings implemented by a vehicle manufacturer, or another user such as an administrator. In the example, the user may access particular active settings managed by cloud services 120 which can cause Bob's profile in database 115 to be updated.

[00106] In one embodiment, Bob's profile can include specific settings, preferences, use history, and learned settings from earlier uses of one or more vehicles. The profile settings defined by Bob, are then transferred by cloud services 122 one or more vehicles utilized by Bob. For example, if the user wishes to utilize his regular everyday car, the profile settings may already be stored on the vehicle. If the user wishes to utilize a different vehicle, such as a friend's vehicle, a rented vehicle, a shared

vehicle, a temporary vehicle, a loaner vehicle, a test drive vehicle, a company vehicle, etc., the user's profiles can also be transferred to that vehicle.

[00107] The user profiles can include standard settings that may be set at the various vehicles, or custom settings that can be selected for the user based on learned settings over time by use of various vehicles. In one embodiment, the user profiles are continuously updated and store to a database 115, which is accessible by cloud services 120. Database 115 may include data storage, such as cloud storage, data center databases, distributed databases, local storage on vehicles, network storage, and the like.

[00108] Figure 7 illustrates an example of a user (Bob) that may wish to utilize a car 200, in accordance with one embodiment of the present invention. For example, the car 200 may be a shared vehicle, such as those commonly shared in urban cities. Shared vehicles are those that belong to a company and where the company provides accounts to users to access the vehicles for specific trips, specific times, periods of time, etc. Users that share those vehicles typically park the vehicles at different locations throughout an urban city. Users wishing to find a vehicle to use can access an application or website having access to an Internet connected application to find the vehicle closest to the particular user.

[00109] Once the user has located a proximate vehicle, such as car 200, the user may approach the vehicle so as to utilize the vehicle 200. In one embodiment, when the user approaches the vehicle, and comes in close proximity to the vehicle as detected by the geo-location of the user's mobile device, a pairing request can be detected. The pairing request may be triggered once the proximity zone of the car 200 and the proximity zone of the user substantially or partially overlap. The proximity

zones may overlap when the user comes in close proximity to the vehicle, such as within a few feet, within a mile, or the user has touched or bumped the vehicle.

[00110] The pairing request may be automatically sent by the user's device to cloud services 120. The pairing request can include sending the model of the vehicle 200, which may have been obtained by the user's mobile device from the vehicle 200 directly. In the illustrated example, the pairing request by the user's mobile device can include identification of the vehicle that the user has come in close proximity to. A pairing module 170, can then communicate with a mapping engine 118 that determines information associated with car 200.

[00111] An automaker database 116 can include data regarding a plurality of vehicles, including standard user interfaces, configuration interfaces, and other information necessary to provide user Bob with a custom interface for vehicle 200.

[00112] The mapping engine 118, in this example includes a map or that communicates with the automakers database to identify the settings, applications, APIs, or modules that allow integration of Bob's user profile from the user profiles database 160 so that Bob's profile can be sent to car 200. In the illustrated example, the mapping engine, the of the mapper, will obtain Bob's profile 160 for cloud services and obtain vehicle information for the user interfaces of the vehicle desired for use by the user.

[00113] The mapping engine 118 will then transfer Bob's profile to vehicle 200. At this point, the user, Bob, can be provided with an interface on a mobile device to allow access to the vehicle. The user interface can include a plurality of screens with instructions, check information, cost information, billing information, etc. As illustrated in figure 7, the users mobile device can provide various notifications, such as identifying to the user that the user standing next to a blue model M7 from maker C. The user interface can ask Bob if Bob wishes to pair settings to the specific vehicle

200. If Bob desires to actually utilize the shared vehicle 200, the pairing request may be initiated as mentioned above.

[00114] Figure 8 illustrates another embodiment where the user Bob has utilized his mobile device 100a to define or access a plurality of settings. In one embodiment, the user may register 214 with a car sharing service, such as via a user interface or application having access to the Internet and the company providing the service. Cloud services 120 can then provide access to the profile database 160 where Bob's profile may be stored. The profile 160 may be accessible to 3rd parties, such as car sharing service.

[00115] Also shown in cloud services 120 is the car database 116/115. The car database can then be provided with information from the car sharing company 210 that identifies the cars that the company owns and that are shared with the service. The car data including assigned IDs to the vehicles and cars can be stored in the car database 116/115. Additional data can be supplemented from vehicle manufacturers 212. The cloud services 120, in accordance with one embodiment, can include logic for profile identification for vehicles 224, logic for proximity detection 222, user request logic 220, and other managing logic for receiving request from users, managing databases from a car sharing database, managing data from vehicle manufacturers, and receiving request to manage profiles an axis vehicles.

[00116] As illustrated, when the user Bob approaches the vehicle 200, the Bob's mobile device 110a can identify the closest car, which may be car A. In this example, Bob is identified to be proximate to the car having an ID 1528ABC. In one embodiment, when the user comes in proximity to the car 200, the car can beep or light up when enabled, it can open the doors to allow the user to access the vehicle when the logic has paired the user to the vehicle, the profile of the user can be transferred to the

vehicle, the use of the vehicle is managed by the user's online account (storing historical use data and any billing information), automatic payment for use can be made from predefined payment arrangements stored in the profile, and use of the vehicle can be restricted to predefined rules, based on the profile. Accordingly, the profile database 160 can include both profiles of the user, such as user settings, as well as profile restrictions that may be set by the car sharing service.

[00117] Figure 9A shows one example process for utilizing user profile settings from a registered user and utilizing settings of a shared vehicle network, in accordance with one embodiment of the present invention. In this illustration, operation 300 receives the user profile settings from a registered user of a shared vehicle network. The registered users profile can be obtained from a cloud services profile, such as the profile used for a number of vehicles which may be in or outside of the shared vehicle network.

[00118] In another embodiment, the profile may be the profile set by the shared vehicle network, based on the service contract entered by the user. In operation 302, vehicle IDs for each vehicle assigned to a shared vehicle network are received by cloud services 120. Cloud services 120 will therefore maintain a user database 160 with a plurality of user profiles.

[00119] Cloud services can also maintain a vehicle inventory database 310 for the shared vehicle network. Servers 350, which operate cloud services 120, and therefore managing access database 160 and 310, as well as provide logic for providing access to vehicles, unlocking vehicles, and transferring user profiles to specific vehicles. In operation 360, the servers 350 may receive a request to locate a vehicle on a map from a computing device. The request may be provided with reference to the user's current location, using GPS or the like. The request is then processed by servers

350, and servers 350 communicate the forward a list of available vehicles proximate to the user or for the users identified area in operation 362. In operation 364, a selection request is received from the user for a specific vehicle and a reservation is made for the use of the vehicle for a set period of time.

[00120] In operation 366, a command is sent to the vehicle the signal alert when the user is detected to approach the vehicle within a particular distance, notifying the user that the vehicle is the vehicle that the user reserved. This provides for a method of allowing the user to easily identify the vehicle that the user reserved. For example, if the user is instructed to go to a specific parking lot to identify the vehicle that was reserved, the user would have a difficult time identifying which vehicle it is that the user reserved. However, by allowing cloud services to signal to the vehicle to sound the alarm, turn on a light, beep, for make any other identifying gesture, the user can easily identify the vehicle in the parking lot.

[00121] In operation 368, a user interface is provided to the user's mobile device that will provide a notification to the user indicating that the person/user has arrived at the vehicle. In operation 370, the users profile is transferred to the vehicle. The transfer of the profile will allow the settings of the user to automatically be set in the vehicle. The settings can include, for example, temperature, radio settings, seat settings, meter settings, air settings, etc.

[00122] In operation 372, the settings that are made by the user when in the vehicle or adjustment settings can be sent back to the user profile. Thus, when the user offering the vehicle and making changes to his or her profile, those changes can also be communicated back to the profile database in cloud services 120. This provides for a continuous feedback loop over time, to allow the users profile settings to be managed

and maintained current to the users best liked preferences. The operation then proceeds to B in Figure 9B.

[00123] In operation 374, it is detected that the user has completed use of the vehicle upon some user entry at a computing device. The computing device may be computing device of the vehicle, or a mobile device. The entry can be, for example, the user logging out of the vehicle indicating that the user has terminated use of the vehicle. At logout, the vehicle's original profile settings will then be returned, and the users custom profile settings will be terminated.

[00124] In operation 378, a report sent back to the server regarding the use of the vehicle and the charges to the users account for the use. In one embodiment, the use reporting can occur continuously while the user is driving vehicle. In operation 380, the driver's session log can be saved user profile, keeping a history of the user's travels. In operation 382, survey data can be requested of the user regarding the vehicle use. Because the user was utilizing a shared vehicle, feedback from the user can be helpful to potential future users that may want to rent or utilize vehicles from the same company.

[00125] The user may be provided with options to publish likes and dislikes or commentary to a social network 390. Ratings can also be transferred to rating companies, such as those that allow internet users to view user comments, reviews, complaints, etc. The social network 390 can allow the data to be open data 394, or data that is shared with friends 392. In operation 384, problems with shared vehicle can be reported to the vehicle network to allow repairs before making the vehicle available for reuse. Cloud services for the shared vehicle network can then be updated in cloud services 120. For example, if the vehicle has been identified as having some mechanical malfunction, the cloud services can update that vehicle as being out of

service, so that discovery of that vehicle does not cause users to access that specific vehicle that may be out of commission.

[00126] Figure 10 illustrates a user (Bob) entering the vehicle, such as a shared vehicle 200, in accordance with one embodiment of the present invention. In this example, the user has been identified by the vehicle, such as using a camera 402. The camera 402 may use face detection 406 to automatically identify the user, and set the users preferences and settings for the vehicle automatically. In some embodiments, this allows verification that the user driving the vehicle 200, from the shared network, is the driver that unlocked the vehicle from a remote location (such as a mobile device). In this example, the vehicle 200 may also include a plurality of cameras, such as cameras 404, 408, 410, 412, 402, etc. Any one of these cameras can be accessed from a remote location, if the user's profile provides access, or the privacy setting allows such access.

[00127] These cameras can be used to detect and monitor the exterior portions of the vehicle as the vehicle drives around, as well as interior portions of the vehicle. These cameras can be used by the vehicle sharing company to monitor the status of the vehicle, and the location where the vehicle is parked. In one embodiment, the user who has rented the vehicle can set a privacy setting to disable certain cameras. In one embodiment, a speaker 420 can be activated to allow the vehicle to speak and communicate with the user. Vehicle electronics and logic 400 can be in communication with cloud services 120.

[00128] Cloud services 120 can also be in communication with user profiles 160. In one embodiment, the user profiles 160 can also include specific profiles for registered users. In one embodiment, the registered users can include a family of users. A specific family can have a number of drivers or users that have been registered with a service. For example, the database can include users ABC123xi (such code is only an

example, and any form of ID/code can be used), and the users can include a particular family or group of people. The group of people can also be a group associate with a company, a sharing service, a group established for a particular event, or other types of groupings. The vehicles can therefore be monitored for use by the specific users in a particular family or group. In one embodiment, the particular family and groups can be associated with their own profile history settings, which include data from their previous uses.

[00129] In one embodiment, figure 10 illustrates a process utilize to communicate between vehicles, users, and cloud services. In operation 450, a vehicle with communications is provided with cloud services. The cloud services will be in account, software, or interface that allows communication with cloud services 120. In operation 452, the user in the vehicle may be detected, and the face of the driver or other biometric data can be used to identify the specific user sitting in the car. The detection of the user can, in one embodiment be enabled or restricted based on privacy settings desired by the user.

[00130] In operation 454, the user may be identified and the users profile can be automatically retrieved from cloud services and the user profile 160. The preferences settings for the user can be identified from the database in operation 456, and the settings can be applied in operation 458. The settings can be applied to the vehicle for the identified user. When the user terminates use of the vehicle, the settings can't be deactivated, or return to a neutral setting.

[00131] Figure 11 illustrates an example of particular types of settings that can be set, or recorded, or accessed, in accordance one embodiment of the present invention. In one example, cameras 480 can be provided as options for access by the user. The cameras can be accessed to view historical uses by the user, or can be access

to view current and live video of the vehicle. For example, if the user has rented a vehicle for a period of time, and parked it in a specific location, the user can monitor the vehicle from a remote device connected to the Internet.

[00132] Record settings 482 can also be set by the user, the vehicle provider, or cloud services. A plurality of recording options and access can be set or adjusted by the user from a remote location. Remote access 484 also provides the user with options to control specific features of the vehicle. The control the vehicle can be set for a period of time when the users profile is associated with the vehicle.

[00133] In a car sharing environment, the remote access of the vehicle can be enabled during the period of time when the user is assigned or the users account is assigned to that vehicle. In examples where the user owns the vehicle or is more tightly connected to the vehicle, the remote access can be provided by entering axis control information, credentials, passwords, usernames, and biometric data or combinations of one or more.

[00134] In still other embodiments, user interfaces are provided to provision customized data regarding available charge station locations. In one embodiment, users having other devices, such as smartphones or portable electronics can obtain data, which can be shared with other user interfaces. The sharing can be by way of a sync operation, that can be automatic when the user enters the vehicle or on demand by the user. In other embodiments, the application or program running on the user portable electronic device can continue to execute the processing, while allowing the display of the vehicle to show all activity on the display. For example, if the vehicle electronics are not capable for processing an application or access a cloud service, the portable device can act as the agent for the vehicle electronics. In one embodiment, the display and I/O of the EV simply acts as a passive interface, while the processing or accessing

to cloud processing is done by the user's portable electronics (e.g., smartphone or the like).

[00135] In some embodiments, the user's portable device is already programmed with access codes, passwords, etc., so the user may wish to use the portable electronics instead of having to program the vehicle. This is important when users share a vehicle. If users share a vehicle, one user may have the electronics programmed to their likes or dislikes. By allowing programming, data settings, etc., to be shared or synced (e.g., temporarily or not), users can more easily share vehicles, while keeping the settings that the user is used to having.

[00136] In still another embodiment, allowing the user's smart phone or portable electronics to sync with an EV, users of rental cars can more easily step into cars with pre-programmed settings. Thus, users that temporarily use vehicles need not worry about programming the car's settings upon entering the car, but simply sync with the vehicle to allow the vehicle to run display, IO and services based on the custom settings of the user's portable device.

[00137] This processing that allows users to sync a vehicle with a user's custom settings stored in the user's portable device can also have application to car sharing environments. In big cities, companies allow users to locate vehicles in a proximity to their current location, and simply enter the vehicle using their membership code. In addition to providing users with access to the vehicle, the user/driver's settings can be synced to the vehicle. This can include settings of the seats, the mirrors, the temperature, the radio stations, and the Internet apps to display on the car's display, etc. Custom information, such as prior uses of the car, cost for driving, etc., can be displayed on the car's display, via the sync data from the user's portable device. The

sync data can be obtained at any time, such as by using the user's portable Internet link, etc.

[00138] In one embodiment, a user's EV or non-EV vehicle can be in communication with cloud services, and the cloud services can be interfaced with data from various entities that provide power for the grid, provide charging units (CUs), provide discounts to charge at particular CUs, geo location services, mapping services, live traffic data, etc. The user of the EV can communicate with the vehicles electronics via a display unit and its associated electronics, can provide input via touch or voice, can request data regarding routs to local charge stations, cost estimates at the various charge locations, how crowded the charge stations are at the various locations, etc.

[00139] The cloud services 120 are also accessible via a computer that has access to the Internet, a smart device (e.g., smart phone, tablet, etc.), etc. Thus, data can be acquired from various sources and data can be consumed by various sources. The data that is acquired, shared or accessed can be launched on the user's device and then transferred to share in real-time with the display and/or electronics of the vehicle. Thus, a unified access display can be customized to the user, regardless of the vehicle that the user chooses to drive. This is in contrast to current models that customize settings for one vehicle owner or owners.

[00140] In one embodiment, the user's settings are seamlessly transferred to the vehicle the user chooses to drive. This is especially useful for cases where a user drives many cars, but wishes to keep his settings constant. Settings can include cloud services, or local settings such as seat positions for the size of the user, mirror positions, radio stations, weather stations, history of routs taken, favorite locations to visit, etc. The application that allows syncing of a user's settings on a portable device to the vehicle electronics is especially useful for car sharing applications, which is common in

large cities and may expand in the future. As car sharing increases, it is most useful to allow a user to save his/her settings in their mobile device, instead of relying on the fixed settings of the vehicle. In another embodiment, it is also possible for a user to type in their universal login code (e.g., user name / password) into the car display, and all of the user's settings are transferred to the vehicle while the user is driving the EV. Once the user stops using the EV, the car can go back to the normal mode for another user to login. The data regarding the user's settings would, in this embodiment, be saved in the cloud.

[00141] In one embodiment, user interfaces of a mobile device can share data with the vehicle's display and native apps. App unification allows EV system to display APPS on the user's smartphone device in an opt-in PAIR mode. In one embodiment, this allows one person to enter another's EV, share apps on the EV display while in the EV, and when the person leaves the EV, the Apps de-pair. This auto-sync facilitates sharing of data and also allows users to unify their settings across any number of vehicles the user may drive.

[00142] In one embodiment, the synchronization will enable users to universally transfer settings from portable devices to electronics of a vehicle. In some embodiments, the vehicle that the user wishes to drive is not his vehicle. For instance, the vehicle may be a friend's vehicle, a rented vehicle or a shared vehicle. If the user has programmed settings in his or her device, the settings that are useful for the vehicle will be transferred to the vehicle. Settings can include travel speed restrictions, car seat settings, mirror settings, remote access to home controls (e.g., lighting, garage doors, etc.), radio settings, satellite radio settings, internet settings, etc. In some cases, only some settings are directly transferrable. In other embodiments, a database can be accessed to find a translation metric. The translation metric can include mapping tables

that allow for settings to be transferred between functions of one vehicle to other vehicles. In one embodiment, vehicle makers can upload their translation metric for each model and the mapping tables can be used to provide the sync operation.

[00143] Figure 12 describes a system in which a user interacts with a model view controller software environment 1800 useful for processing APPS using APIs 130 on vehicles with vehicle operating systems 129 capable of processing computer code. The APPS can execute profile retrieval, updates, and sync operations. The model view controller paradigm 1800 shows basic interaction, control, processing, and updating of data useful for manipulating and viewing resulting actions by ta vehicle running an APP in such a system. Such a system useful for running APPS on vehicle operating systems will accept inputs by a user 121, cloud services 120 via data streams, vehicle systems feedback and data streams 1812 used by a controller 1804 that may constantly poll electrical, capacitive and physical sensors, and input streams to detect if interactions 1808 such as network passive updates, network active updates, user touch, user speech, user input, user selection among others has been triggered.

[00144] Each input 1804 will then trigger manipulation of the system's model 1802 portion of the APP software paradigm thus invoking stored routines within APPS 104 which then in turn interact with the vehicle's API system 130 built upon the vehicle's operating system 129. Depending on the app presented to the user 121, the input may trigger stored routines or functions on APP software or operating system level restricted stored routines or functions.

[00145] After the processing of stored procedure code is manipulated with arguments provided by the controller 1804 inputs, visual and or sensory results are presented to the user in the view 1806 portion of the model view controller paradigm. These sensory outputs, data streams, electrical signals may all be translated as

additional options, results, dynamic updating, audio or visual graphical user interface changes 1810 on any of the user's connected display devices. The user will notice these results visually or audibly but may also feel or detect changes in the vehicle's mechanical systems. Updates from the model 1802 may also be used to toggle vehicle settings 1814 which in turn may invoke changes in the vehicle's physical, mechanical and electrical systems 128.

[00146] Finally, the system controller 1804 may receive additional updates from the vehicle systems affected or additional user 121, cloud services 120, vehicle systems feedback inputs 1812 to re-engage the user in a cyclical fashion. If no inputs are sensed, the system's controller will continue to poll it's electrical and data I/O systems for input on a continuous basis.

[00147] The model view controller paradigm 1800 described is one example of the software input output lifecycle that may be used to invoke, manipulate, process, update portions of computer readable code such as APPS 104 using an intermediary API 130 to communicate with the vehicle's operating system 130. However, APPS 104 may be run on physically wired, wirelessly connected or remote devices having processing abilities to translate the computer readable code in APPS into actionable invocations on one or more vehicles in order to facilitate or utilize the vehicle's electrical and mechanical systems in prescribed or customizable fashions.

[00148] Figure 13A describes how vehicle on board computer with input out put system 1900 useful for accepting input, processing input and displaying results in conjunction with stored computer readable programs or functions in the forms of APPs 104 may be structured. Although system 1900 describes one way to provide vehicle on board computing power to run APPs 104, the arrangement of the vehicle computer 1906 may be altered or arranged in differing fashions with differing connection routing

in order to achieve the same. In this example, vehicle on board computer 1906 may be comprised of components such as the network interface 1910, memory 1912, a central processing unit 1914, an input output buffer useful for streaming data 1916, storage 1908 having the ability to store computer data in long term or short term fashion useful for stored computer code procedures in the form of an operating system 129, intermediary stored procedure code in the form of APIs 130, stored subsets of computer code procedures APPs 104 interacting with API 130 as an intermediary to the operating system 129.

[00149] In this example, the vehicle computer 1906 has the ability to transmit, receive and process information using wired or wireless connections. One such wireless connection is provided by a wireless data sending and receiving antenna 1928 connected to a network interface 1910 useful for pairing with and communicating data with portable or stationary wireless devices which may or may not be part of a network 1902. Such wireless devices include but are not limited to wireless displays 210b, portable smart phones 210a, portable computers, 210c and even stationary objects, structures, buildings, toll bridges, other vehicles etc. The vehicle's network interface 1910 through antenna 1928 may also communicate with cloud services 120 to receive instructions from a remote location that invokes stored programs such as APPs 104 on the vehicle's computer.

[00150] The vehicle may also send and receive data wirelessly in order to establish a connection with a peer-to-peer ad-hoc network. Invocations may result in output data streams interpreted by wireless devices 210b, 210a, 210c as well as wired devices such as wired displays 210d or vehicle integrated display devices such as windshield heads up projected display or integrated glass displays 210e. All data streams generated by APPs 104 stored on the vehicle's computer may also be triggered

by wired devices such as vehicle sensors 1918, vehicle electrical systems 1920, vehicle electrical systems 1922, engine control systems 1924, vehicle diagnostics systems 1926, user input as well as environmental input.

[00151] A user and or vehicle may find system 1900 useful in one example, where the user drives the vehicle past an electronic toll bridge where a fee is required to pass the toll bridge. The vehicle's computer will communicate wirelessly as it passes the stationary structure transmitting and receiving information with it as it drives by. The user's vehicle may have an APP 104 installed on the vehicle computer 1906 that can process the input using the computer's wireless antenna 1928, network interface 1910, input output system, 1916 automatically responding to the toll bridge with payment information. Once the payment is received and processed, the APP 104 receives information from the stationary wireless toll taking device which is then stored either locally on the vehicle's storage 1908 or remotely using cloud services 120. The results of the transaction are then sent via data stream from the compute code running on the APP 104 to a display device(s) where the user can visually confirm that the toll was paid, accepted and show the user's remaining balance all through the GUI displayed for APP 104.

[00152] Figure 13B describes one example of how stored data and function declarations may be compiled to provide intermediary access to a vehicle's computer controlling vehicle systems 1950. Such routines, data and functions may be arranged in such a way that limited access is given to third party code on APPs 104 to manipulate certain unrestricted operating system functions and vehicle systems. Such a method of providing the intermediary allowed stored function set to third party code can be referred to as an API 130.

[00153] In this example of an API 130, computer readable code is arranged in such a fashion that the type of API is described and in this case, an API that allows third party control of the vehicle's HAVC system is declared. A declaration may be useful for reserving the vehicle's computer long term and short-term memory in order to run stored procedures. The shown declaration 1954 describes an example set of data that may reference memory locations and their contents. The contents of these memory location may be modified by stored procedures 1956 or functions.

[00154] This HVAC API 130 has the ability to store data relating to the vehicle's temperature, status, target temperature, split zone temperate, data from electrical and mechanical sensors, calendar dates, error information among others. Invocable functions 1956 are the methods by which a third party APP 104 may manipulate data 1954 on board a computer. Free access is not given to the restricted data on a vehicle's computer, thus a structured method or methods are described for user by third party APP developers.

[00155] These functions 1956 that may or may not take arguments in order to execute may include functions in the example HVAC API that update temperatures for both the left and right or given zones of the vehicle, toggle are conditioning, allow visual skins on the APP GUI, manipulate schedules and displays etc. The HVAC API 130 described is one example of how one API can control one vehicle system. There may be variations of the APIs for multiple vehicle systems or one superset API that allows access to all of the vehicle's systems through stored procedures or methods.

[00156] Figure 13C describes a set of computer readable and executable code 1970 that can be compiled together by a third party APP 104 developer in the form of an APP. The APP 104 uses structured programming languages to execute stored functions allowed by the vehicle's system API 130. In this example, the APP is a third

party HVAC app that allows a GUI to be displayed to a user giving them the option to adjust the temperature on the left or right side of the vehicle up or down. In this case, the APP's GUI has provided a data stream to the APP letting it know that the user has selected to set the temperature on the left side of the vehicle to 80 degrees and the right side of the vehicle to 76 degrees.

[00157] The APP 104 will then use functions available from the vehicle's API 130 to manipulate the data on the vehicle's storage system which in turn will be electrically polled by sensors, data streams etc. to manipulate the vehicle's electrical and mechanical HVAC systems. The user will notice the result visually by the data provided by the APP to the GUI as well as environmentally as the temperature is changed in the vehicle.

[00158] Figure 14 describes the stepped flow of events 2000 as a user interacts with an APP 104, in this case, an HVAC APP 104. The GUI shown for APP 104 describes the first step 2002 where a user physically interacts with a sensor, screen, voice system etc. polling to see if an input has been received. The user's input in 2002 has been interpreted by the app to raise the temperature on the left hand side of the vehicle to 80 degrees and maintain the temperature on the right hand side of the vehicle at 76 degrees. This input invokes step 2004, which calls a stored function on the APP 104 that is API 130 allowable with arguments. The stored function may invoke other helper or associate functions within the API 130 in step 2006, which all in tern invokes restricted computer readable code at the operating system and or kernel level in step 2008. These invocations will then in turn command mechanical and or electrical systems in step 2005 in order to achieve the requested response in step 2002.

[00159] The results of the commands on the vehicles systems are based back to the vehicle's operating system or kernel level in step 2012 which then updates data on

the API 130 in step 2014 that the APP 104 is polling, such as updating the display to show the resulting temperature in step 2016. The results of a function that is invoked at the API 130 level updating the display produces a data stream translatable and displayable by the vehicle's screen showing the APP 104's GUI in 2018.

[00160] Figure 15 describes further example ways an APP 104 may take, process and produce results 2100. Figure 14 shows a way to interact with an APP 104 locally but a vehicle computer system may relay data, inputs and information to the APP while connected to a wide area network, local area network, cloud process 120 or private cloud. A remote action to invoke change on an APP 1808 may be initiated via a network and pass to the APP running on the vehicle 160 using the vehicle's antenna 1928 or wired interface. An APP 104 running virtually on a network or cloud services 120 may also take input remotely and process the results accordingly.

[00161] Some of the inputs and results 2102 that an APP can take and produce locally or remotely include but are note limited to the set 2104 that can receive an action, react to an action, control an action, manipulate data models, report changes to a view or GUI, record events or incidents, learn the types of requests being submitted, learn the times of request being submitted over time, learn the days of the year the requests are being submitted over time, generalize and interpret requests, assume user intent in order to automatically invoke changes, automatically and pre-emptively act on behalf of a user, fine tune learned user behavior etc.

[00162] The learned behavior (e.g., learned settings that provide for automatic programming) can be assigned to particular applications, particular sub-features of applications, to particular native system features of the vehicle, or combination of one or more thereof. The learned settings can also be managed via an interface, which

shows to the user settings that have been learned and provides the user with options to modify learned settings.

[00163] The modifications of the learned settings can be made via the vehicle display or any other device having access to cloud services. The learned settings can also be communicated to the user via notifications. Such as, "*We noticed you like your truck temperature at 3 pm to be 60 degrees? Please confirm*," or "*We noticed you like your car temperature at 8 am to be 75 degrees, this will be preset for you automatically*," or "*We have detected your favorite settings, please login to your account to see settings we have programmed for you or make updates*," or other similar notifications via the vehicle or to any connected device over the Internet.

[00164] In other cases, notifications may not be sent. In some cases, the settings will just occur automatically. In some examples, notifications can be provided with a link or access to a user interface of an application. Via the application, the user can manage, set, control or view any aspect of the connected vehicle. In some cases, the settings can be manually adjusted by the user way from the auto settings. In such cases, the manual setting can be learned and can be provided more weighting since the user took the time to correct an auto setting. Thus, various levels of weighting or importance can be given to learned settings. In other embodiments, the learned settings can be compared against learned settings of other vehicle owners having access to cloud processing. Using data from these different user profiles, learned settings can be obtained or generated.

[00165] Generation or analysis can be by way of overlap processes, cluster analysis algorithms, Connectivity based clustering, centroid-based clustering, clustering model most closely related to statistics is based on distribution models, cluster validation, density-based clustering, KNN/profile similarity, collaborative filtering,

content-based filtering, hybrid recommender systems, mobile recommender systems, cross-sectional analysis, similarities in particular data types or settings, concentration in similar settings by particular demographics, and other similarity analysis calculators and aggregators. These settings can then be recommended to the user or can be automatically added to the profile. Recommender systems can the user the analyzed data to generate the custom recommendations for settings to users' profiles.

[00166] Figure 16A describes an ecosystem where an APP 104 in conjunction with a vehicle API 130 may work together to make assumptions, make decisions and take actions 2200. API and APP code together can be arranged in such a fashion that creates an assumption and reasoning logic module 2216. This Assumption and reasoning logic module can take inputs from various systems and data streams including but not limited to GPS 2206, calendars 2208, traffic conditions 2204, local news 2202, past data of user behavior and interaction 2210, vehicle diagnostics 1926, user preferences 2214, user login profiles 506, environmental interpretations by sensors 2212, marketing deals 2224 among others. These inputs can be local and physical or remote and abstract via a network. The assumption and reasoning logic module 2216 compiles data from these sources to invoke decisions and actions on a decision and action engine 2218.

[00167] This decision and action engine 2218 has the ability to execute on what the assumption and reasoning logic module has determined needs to be done. The decision and action engine has the ability to produce alerts, both local, on screen, audibly, visually or remotely on a remote display device 210a-e using a data network. The decision and action engine 2218 also has the ability to change vehicle controls automatically on behalf of a user without user action based on assumptions made by the assumption and reasoning logic module 2216. Additionally, the decision and action

engine has the ability to request a decision from the user preemptively in order to change vehicle controls.

[00168] This may be achieved locally or remotely requiring input from a user to proceed. For instance, the assumption and reasoning logic engine has determined that the user may want to have his or her car automatically started at 7:55 am because the user typically starts the car at 8 am. Starting the car at five minutes early will allow the system to heat the vehicle to the user's typical liking. However, the assumption and reasoning logic may have only reached a level of confidence of 75% where 80% confidence is required to act without user input. Thus, the system, being only 75% sure that the car should be turned on will automatically send the user an alert requesting a decision on whether or not to turn the vehicle on. Once the user 121 provides an decision remotely on their remote device 210a, the decision engine 2218 updates the assumption module 2216 so that it can augment it's assumptions for an updated level of confidence on the next action trigger. These actions by the user automatically and continually update the assumption and reasoning logic module 2216 in order to fine tune the level of confidence on acting without user input and learn the user's behavior for future decisions.

[00169] Figure 16B describes how one of many types of inputs into an assumption and reasoning logic module 2216 can be compiled over time. Although inputs can come from many sources, this particular example focuses on input into the assumption and reasoning logic module 2216 from past data originating and triggered by user behavior in order for module 2216 to learn. Past actions 2210 are logged into a database either locally on the vehicle computer or remotely which are fed into to module 2216. In this example, data about when the user's actions are stored, along with unique identifiers that will allow assumptions to be made in the future.

[00170] These identifiers include times, dates, rates, capacities, temperatures, frequency, degrees, distance, etc. In this example, the system has been keeping track of when the user has been starting his or her engine in the morning on weekday sand weekends. The system harvests all data points associated with given events. These data points 2210 are purely mined data points and no assumptions or reasoning occurs at this point. This data will be used by the assumption and reasoning logic 2216 to determine future actions.

[00171] Figure 16C describes one example of what an assumption and reasoning logic module 2216 may produce using the data points collected on an ongoing basis in Figure 16B. Over time, using inputs that are continually harvested by a user's action, assumptions are made and refined to aid in making decisions for a user in advance or behalf. Module 2216 has taken the inputs provided by 2210 past data and behavior to determine that before a decision can be made, the user's local or network-stored calendar should be polled to determine how the user's schedule might impact the system's pending actions. For instance, if the system had determined that the user typically starts his vehicle at 8am but the user's calendar shows a meeting at 730am located at a location that does not match the current location, the vehicle may assume that the car should be started at 725. They system will determine its level of confidence of the decision and may poll the user for a decision.

[00172] The system, by using prior data points has stored assumptions based on conditions, the day it is, the temperature of the environment and historical events, that the user will most likely start the vehicle's engine between 803am and 805am, and if the temperature is in the 30s inside the vehicle, the user will most likely set the interior temperature to between 70 and 80 degrees, it is not likely that the user will use the are conditioning unit, if there is ice on the windshield, the user will most likely defrost the

windshield for 7 minutes before departure, the user usually drives between 15 and 18 miles at this time of day, the user typically starts the vehicle again in the afternoon between 505pm and 510pm, if the temperature is in the mid 70s, the user usually activates the AC and sets the temperature to 65 degrees, typical weekend behavior, the user typically makes frequents stops, does not have a set time the vehicle is started, uses certain APPs at certain times and has a history of certain destinations as recorded by GPS.

[00173] Figure 16D describes an example list of decision the decision and action engine 2218 may take based on information provided by the assumption and reasoning logic module 2216 and sets of assumptions created. The decision and action engine 2218 will attempt, using a degree of confidence to anticipate what the user will want to do in terms of engine start and stop, location destinations, preferences of temperature, driving habits and poll vehicle capacities to ensure the intended path the user usually takes is attainable. For example, the user usually drives a distance in the morning at a certain time, however, the vehicle's fuel supply will not allow for that distance to be traveled. Thus, the decision and action engine polls the user as a reminder that the user should begin their intended travel sooner than usual to allow for refueling time.

[00174] In one embodiment, at a remote location, a user is able to access a user interface for an application, which provides users access to user accounts. A user account can be for a user and the user can add one or more vehicles, objects, data or appliances for remote reporting, viewing and control. In one embodiment, a user is an owner or user of a vehicle. The user can register the vehicle with a remote service.

[00175] The remote service can be accessed over the Internet, such as via a website or application of a portable device. The remote service can provide a multitude

of cloud services for the user, such as remote control features, remote viewing services, remote alarm controls, remote camera activation, remote audio/video recording of the vehicle (i.e., areas around the vehicle and inside the vehicle). In one embodiment, the vehicle is able to connect to the Internet (e.g., when the vehicle engine is off, on, and/or is occupied or un-occupied) to allow a user, via a remote cloud service, to access features of the vehicle. The vehicle can be accessed when running, when parked, when stopped, when moving, etc. The vehicle and its audio recording devices and video cameras can be accessed from remote locations, to allow users to remotely communicate with the vehicle or with people riding or residing inside the vehicle.

[00176] The remote communication can also allow a person to communicate remotely with people standing outside (or inside) of a vehicle. For instance, if a user is accessing his or her vehicle from a remote location, cameras installed in and/or on the vehicle allow the remote user to see a person standing proximate to the vehicle. The remote user can then communicate with a person standing proximate to the vehicle using microphones and speakers of the vehicle.

[00177] In some embodiments described herein, vehicles, structures and objects may include circuitry and communication logic to enable communication with a cloud processing system over the Internet.

[00178] In one embodiment, the services provided by the electronic systems of a vehicle can include services that access the various components or subsystems of a vehicle, such as door locks, service histories, user profiles, audio settings, entertainment settings, mapping functions, communications systems, telecommunication synchronization systems, speakers, heating and cooling functions, auto-engine start/shut-off remotely via smart devices, remote heating/cooling initiation, remote face-to-face conferencing, etc. The electronic systems within a vehicle can also

provide a user interface, such as a graphical user interface. The graphical user interface can include a plurality of buttons, controls and transceivers to receive input from a user.

[00179] The input from a user can also be provided by voice input, facial recognition, eye-retina scans, fingerprint scans, a combination of biometrics, or via a capacitive or regular touchscreen contained or displayed within the vehicle, the vehicle's glass, doors, dashboard, etc.

[00180] In one embodiment, vehicles can maintain information regarding where they are, where they are heading and their destination maintained which is maintained by GPS and navigation systems on board. The information collected and maintained by every vehicle may be mutually exclusive, meaning that only each individual vehicle is aware of its own heading, rate of speed and current location. This information, in one embodiment is crowd sourced and/or crowd shared/consumed for use in for accident avoidance or other communication. By networking vehicles within a certain radius together, all individually location-aware vehicles become aware of all other vehicles in their sphere of influence. Vehicles may network with vehicles in their range using wireless communication systems such as but not limited to Wi-Fi, Wi-Gig LTE, cellular, radio, near field communication or other methods.

[00181] In one embodiment, the communications of the vehicle and electronics of the vehicle will enable direct communication with a user of the vehicle. The user of the vehicle can include, for instance, the owner of the vehicle, a driver of the vehicle, or any third party having access to the vehicle (either to drive the vehicle, to monitor the vehicle remotely, etc.)

[00182] The access to the data can also be encrypted to prevent unauthorized access to the data. GPS and mapping services can also be in communication with the

cloud processing 120 provide data concerning the locations of the vehicles and activities that occurred to the vehicles when at particular locations. The cloud processing 120 can be access by the vehicles themselves using their electronics and communications, via mobile devices, from home, from work, etc.

[00183] In some embodiments, the vehicles may establish peer-to-peer links to facilitate fast transfer of data. In other embodiments, vehicles may link to each other using pairing algorithms that allow the vehicles to exchange data using WiFi, Bluetooth, near field communication (NFC), or some other short range communication protocol.

[00184] A user's APP homepage may also include dynamically updating sections in which the most important information at a given time may be displayed or surfaced to a user. If a user has parked in a certain parking area, he or she may want to monitor metrics related to incidents that may have occurred to his or her vehicle, vehicles around his or her vehicle, any dynamically received alerts, as well as precaution levels. Additionally, a user may choose to configure his or her APP homepage to display the most pertinent audio and video feeds to their needs.

[00185] In one embodiment, the vehicles can communicate directly with each other via a temporary pairing process. The temporary pairing process can be automatically enabled when vehicles become too close to each other, for example. When this happens, local communication between the vehicles, such as a peer-to-peer connection, Wi-Fi connection, NFC connection, or Bluetooth connection can be established to enable the vehicles to share information concerning their proximity to one another.

[00186] This local communication will enable one or both vehicles to take correction actions or alert a driver to change course or trigger automatic collision prevention measures (e.g., more aggressive notifications to one or both operators, slow the speed of one or more vehicles, change the driving direction of one or more vehicles, etc.). Once the close proximity communication occurs and some corrective action is made, the data regarding the occurrence and the actions taken can be communicated to the cloud system for storage. The information can then be viewed by a registered user having access to an account for the vehicle(s).

[00187] The various embodiments may be embodied in computer readable media, which is saved in storage. The storage may be saved on cloud storage, data centers, or the like, which are accessible over the Internet. The access may be wired or wireless. In vehicles, the connection to the Internet may be wireless, and the connection can be continuous or non-continuous depending connection. Code on the vehicle electrons can execute at least some of the method operations when not connected and other operations are executed jointly between vehicle electronics (e.g., memory, code and processors of a vehicle) and cloud processing, which may implement one or more servers, either virtual or not.

[00188] It will be obvious, however, to one skilled in the art, that the present invention may be practiced without some or all of these specific details. In other instances, well known process operations have not been described in detail in order not to unnecessarily obscure the present invention.

[00189] The various embodiments defined herein may define individual implementations or can define implementations that rely on combinations of one or more of the defined embodiments. Further, embodiments of the present invention may be practiced with various computer system configurations including hand-held devices,

microprocessor systems, microprocessor-based or programmable consumer electronics, minicomputers, mainframe computers and the like. The invention can also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a wire-based or wireless network.

[00190] With the above embodiments in mind, it should be understood that the invention could employ various computer-implemented operations involving data stored in computer systems. These operations are those requiring physical manipulation of physical quantities. Usually, though not necessarily, these quantities take the form of electrical or magnetic signals capable of being stored, transferred, combined, compared and otherwise manipulated.

[00191] Any of the operations described herein that form part of the invention are useful machine operations. The invention also relates to a device or an apparatus for performing these operations. The apparatus can be specially constructed for the required purpose, or the apparatus can be a general-purpose computer selectively activated or configured by a computer program stored in the computer. In particular, various general-purpose machines can be used with computer programs written in accordance with the teachings herein, or it may be more convenient to construct a more specialized apparatus to perform the required operations.

[00192] The invention can also be embodied as computer readable code on a computer readable medium. The computer readable medium is any data storage device that can store data, which can thereafter be read by a computer system. The computer readable medium can also be distributed over a network-coupled computer system so that the computer readable code is stored and executed in a distributed fashion.

[00193] Additional embodiments can include, without limitation, the following:

[00194] A1. A method for defining a user profile for a vehicle, the vehicle profile being managed via a cloud processing system, comprising,

receiving a plurality of settings for a user profile for the vehicle;

communicating the user profile to the vehicle; and

causing adjustment of the settings of the user profile over time based on learned behavior at the vehicle, the method being executed by a processor.

[00195] B1. A method for managing a user profile of a vehicle on a cloud processing system connected to the Internet, comprising,

accessing the user profile to define settings for one or more vehicles;

communicating input to user settings at the vehicle to the cloud processing system, the cloud processing system processing the input over time to learn behavior associated with the input to the use settings;

receiving automatic settings at the vehicle based on the learned behavior, the method being executed by a processor.

[00196] B2. The method of claim C1, wherein the accessing is via electronics of the vehicle having access to the Internet.

[00197] B3. The method of claim C2, wherein the accessing is via a computer having access to the Internet and credentials for accessing the user profile.

[00198] B4. The method of claim C2, wherein the user profile is transferrable to one or more vehicles, or transferrable to another vehicle for a period of time.

[00199] C1. A method for managing a user profile of a vehicle on a cloud processing system connected to the Internet, comprising,

receiving requests to access the user profile to define settings for one or more vehicles;

receiving input to user settings at the vehicle at the cloud processing system;

processing the input over time to learn behavior associated with the input to the use settings; and

transmitting settings to the vehicle to be automatically implemented based on the learned behavior, the method being executed by a processor.

[00200] C2. The method of claim D1, wherein the user profile is transferrable to one or more vehicles, or transferrable to another vehicle for a period of time.

[00201] C3. The method of claim D1, wherein the user profile is transferrable to a rental vehicle.

[00202] C4. The method of claim D3, wherein the profile includes automatic payment settings to allow the vehicle to make wireless payment for services.

[00203] Although the foregoing invention has been described in some detail for purposes of clarity of understanding, it will be apparent that certain changes and modifications can be practiced within the scope of the appended claims. Accordingly, the present embodiments are to be considered as illustrative and not restrictive, and the invention is not to be limited to the details given herein, but may be modified within the scope and equivalents of the description and claims.

what is claimed is:

CLAIMS

1. A vehicle, comprising:

an on-board computer;

a communications system interfaced with the on-board computer, the communications system is configured to communicate with a server of a cloud services system;

the on-board computer, using the communications system is configured to communicate with the server to access a profile associated with a user account, the profile includes a plurality of settings for the vehicle; and

the on-board computer, using the communications system is configured to communicate an update to one of said plurality of settings to the server during a first session of use of the vehicle;

wherein the server is configured to save said profile that includes said plurality of settings and said update in storage associated with said cloud services system;

wherein during a second session of user of the vehicle, the on-board computer, using the communications system is configured to access the profile from the server using the user account, the access of the profile is configured to automatically apply the plurality of settings associated to the profile to the vehicle.

2. The vehicle of claim 1, wherein said on-board computer includes a processor for processing program instructions communicating with the server using the communications system and program instructions for accessing the plurality of settings associated with said profile and applying said plurality of settings to one or more systems of the vehicle.

3. The vehicle of claim 1, wherein the profile is usable on one or more other vehicles provided with access to the user account, such that said one or more other vehicles use one or more of the plurality of settings obtained from said cloud services system.

4. The vehicle of claim 1, wherein one or more of said plurality of settings for the vehicle associated with the profile are activated during use of the vehicle using the user account and removed from the vehicle when the use of the vehicle using the user account is ended.

5. The vehicle of claim 1, wherein said on-board computer includes program instructions for learning of inputs made to systems of the vehicle, the learning of inputs provides for generating a recommendation for a new setting to be added to the profile.

6. The vehicle of claim 5, wherein the recommendation is further processed by the server in association with the user account.

7. The vehicle of claim 5, wherein new setting is added to the profile when the recommendation is accepted by a user of the profile.

8. The vehicle of claim 5, wherein the recommendation is generated in part based on processing patterns of user of inputs by a user of the user profile, and said patterns are correlated to one or more conditions, the one or more conditions include a type of input, or a time of day inputs, or a temperature, or a security, or a number of

occupants in the vehicle, or weather, or age of the vehicle, or a service requirement of the vehicle.

9. The vehicle of claim 1, wherein the profile is automatically applied to the vehicle during the first session upon detecting a pairing between the vehicle and a user device of the user, or input of credentials of the user for the user account.

10. The vehicle of claim 1, wherein one or more of the settings associated with the profile are configured for activation in another vehicle, said another vehicle having communication with the server for downloading of said settings to the vehicle.

11. The vehicle of claim 1, wherein the profile is activated on the vehicle when a mobile device of the user is paired with the vehicle or user information, including biometrics data, is received by the vehicle.

12. The vehicle of claim 1, wherein the profile includes one or more roles for the plurality of settings, wherein each role includes one or more of fuel use settings, or driving restriction settings, or location based settings, or time based use settings, or automatic purchase settings, or combinations of two or more thereof.

13. The vehicle of claim 1, wherein one or more of the settings are associated with systems of the vehicle, and the systems of the vehicle are configured to receive input or cause one or more actions or functions,

wherein the systems include one or more of a door lock, a heating and cooling system, a speaker, an engine start/shut switch, a user interface, a button, a lever, a key,

a graphical user interface (GUI), an electronic component of the vehicle, a telecommunications system, a remote face-to-face conferencing system, a mapping function system, a GPS system, a fingerprint scanner, a touch screen, a navigation system, a wireless communication system, a data encryption system, WiFi logic, Bluetooth logic, NFC logic, a microprocessor, a memory system, a camera, application programming interfaces (APIs) for vehicle systems, kernel level systems, function invoking systems, temperature detection systems, HVAC APIs, display screens, data network logic, mechanical systems, electrical systems, physical mechanical and electrical systems, seat mechanical systems, mirror systems, alarm systems, battery systems, battery, lighting systems, an application shared by mobile a device present and paired with the vehicle for providing at least one interface in a display screen of the vehicle, or vehicle electronics system.

14. The vehicle of claim 1, wherein the plurality of settings include one or more of tracking settings, or use metrics settings, or comfort settings, or entertainment settings, or driving mode settings, or refuel routing settings, or purchase settings, or combinations of two or more thereof.

15. The vehicle of claim 1, wherein the profile stored in the storage is accessible via a device using a connection to the Internet and/or a vehicle interface of the vehicle, and the device is one of a portable device, or a computer.

16. The vehicle of claim 1, wherein access to the profile includes validation of a user of the user account, and said validation includes one or more of sign-in

credentials, or biometrics or face recognition data, or voice data, or fingerprint data, or eye-retina scan data, or a combination of two or more thereof.

17. A cloud-based system including one or more data centers, and each data center of the cloud-based system includes one or more servers, wherein some of said one or more servers have program instructions for enabling connections with vehicles and providing services to vehicles, wherein one service includes enabling access to settings associated with profiles of user accounts of the cloud-based system, comprising:

a server for receiving a request from a vehicle to access a profile for a user account, the request identifies user information related to a user;

a server for processing at least part of the user information to verify the access, the profile having a plurality of settings of the user for the vehicle, at least part of the plurality of settings of the profile being stored on storage accessible to said one or more servers; and

a server for transferring, upon verification of the user information, one or more settings of the plurality of settings to the vehicle, the transferring is configured to instruct software and hardware associated the vehicle to enable said one or more settings one the vehicle for customizing said vehicle for the user, the request and the transferring being via wireless communication of said vehicle.

18. The cloud-based system of claim 17, wherein the profile is transferrable to one or more other vehicles.

19. The cloud-based system of claim 17, wherein the vehicle is configured to use the one or more settings for the vehicle while the profile is active in the vehicle, and said one or more settings are removed when the profile is no longer active in the vehicle, and wherein the request is processed automatically by the vehicle upon a pairing of a user device or input by the user of credentials.

20. The cloud-based system of claim 17, wherein one or more of the settings are associated with systems of the vehicle, and the systems of the vehicle are configured to receive input or cause one or more actions or functions,

wherein the systems include one or more of a door lock, a heating and cooling system, a speaker, an engine start/shut switch, a user interface, a button, a lever, a key, a graphical user interface (GUI), an electronic component of the vehicle, a telecommunications system, a remote face-to-face conferencing system, a mapping function system, a GPS system, a fingerprint scanner, a touch screen, a navigation system, a wireless communication system, a data encryption system, WiFi logic, Bluetooth logic, NFC logic, a microprocessor, a memory system, a camera, application programming interfaces (APIs) for vehicle systems, kernel level systems, function invoking systems, temperature detection systems, HVAC APIs, display screens, data network logic, mechanical systems, electrical systems, physical mechanical and electrical systems, seat mechanical systems, mirror systems, alarm systems, battery systems, battery, lighting systems, an application shared by mobile a device present and paired with the vehicle for providing at least one interface in a display screen of the vehicle, or vehicle electronics system.

SYSTEMS FOR TRANSFERRING USER PROFILES BETWEEN VEHICLES USING CLOUD SERVICES

ABSTRACT

Methods and systems for communicating with a server of a cloud services system used to interface with vehicles are provided. One method includes receiving, by the server, a request from electronics of a vehicle to access a profile for a user account. The request identifies user information for a user to use the vehicle. The method includes processing, by the server, at least part of the user information to verify the user against data associated with the user account. The profile has a plurality of settings of the user for the vehicle, and at least part of the plurality of settings for the profile being stored on storage accessible to the cloud services system. The method includes transferring, by the server, upon verification of the user information, one or more settings of the plurality of settings to the vehicle. The transferring is configured to instruct software associated with said electronics of the vehicle to apply said one or more settings to the vehicle for customizing said vehicle to use said one or more settings, and the vehicle uses wireless communication with the cloud services system to receive said one or more settings for the profile. And, the profile is transferrable from vehicle to vehicle used by the user, so user settings go with the user. The profile, in one example, is activated automatically in a vehicle upon pairing a device with the vehicle.

DocCode - SCORE

SCORE Placeholder Sheet for IFW Content

Application Number: 17873096 Document Date: 07/25/2022

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

- Drawing

At the time of document entry (noted above):

- USPTO employees may access SCORE content via DAV or via the SCORE web page.
- External customers may access SCORE content via PAIR using the Supplemental Content tab.

Form Revision Date: March 1, 2019