

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4669759

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BROADCOM CORPORATION	09/30/2016
RECEIVING PARTY DATA	
Name:	FREESCALE SEMICONDUCTOR, INC.
Street Address:	6501 WILLIAM CANNON DRIVE WEST
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15799561
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	408-518-5500
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ATTORNEY DOCKET NUMBER:	BCM22967-US03
NAME OF SUBMITTER:	VILIMAINA NAGA
SIGNATURE:	/VILIMAINA NAGA/
DATE SIGNED:	11/01/2017
Total Attachments: 22	
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is made as of September 30, 2016 by BROADCOM CORPORATION, hereinafter referred to as the ASSIGNOR, to FREESCALE SEMICONDUCTOR, INC., hereinafter referred to as the ASSIGNEE.

ASSIGNOR is the owner of certain patents and patent applications identified on Schedule "A" attached hereto (the "ASSIGNED PATENTS").

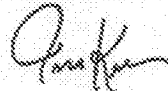
ASSIGNEE desires to acquire the entire right, title and interest of ASSIGNOR in and to said ASSIGNED PATENTS.

For good and valuable consideration paid by the ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to the ASSIGNEE, at ASSIGNEE's sole expense, ASSIGNOR's entire right, title and interest in and to the ASSIGNED PATENTS, in the U.S. and every foreign country, and all patent rights, including extensions or derivations thereof, both foreign and domestic, that exist and may issue on the ASSIGNED PATENTS. ASSIGNEE hereby authorizes and requests the Commissioner of Patents that all U.S. patents that issue on the ASSIGNED PATENTS shall issue to ASSIGNEE. This assignment includes assignment to ASSIGNEE of the right to make application in its own behalf for protection of the ASSIGNED PATENTS and any patents issued on the ASSIGNED PATENTS, in the U.S. and countries foreign to the U.S., and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications. The ASSIGNED PATENTS and all patents that issue on the ASSIGNED PATENTS shall be held and enjoyed by the ASSIGNEE, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

ASSIGNOR covenants and agrees to execute such further and confirmatory assignments in recordable form as the ASSIGNEE may require to vest record title of said respective ASSIGNED PATENTS in ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNOR has caused this Assignment to be executed by a duly authorized officer.

BROADCOM CORPORATION



By: _____
Name: Thomas H. Krause, Jr.
Title: Chief Financial Officer

**SCHEDULE A
ASSIGNED NFC PATENTS**

PUBLICATION NO.	APPLICATION NO.	TITLE
CN101183601	CN20071180625	Near Field RFID System With Multiple Reader Coils
CN101227024	CN20071308043	Integrated Circuit Antenna Structure
CN101101626	CN2007187602	RFID System Reader And Its Operating Method
CN101425148	CN20081174405	Multi-Mode RFID Tag And Its Operation Method
CN102576416	CN2010844390	Near Field RF Communicators And Near Field RF Communications Enabled Devices
CN102999145	CN20121190276	Is Used For The Plurality Of User Interface Between The Intelligent Floor Route Information Of The Communication Device
CN102820911	CN20121192059	Touch Near Field Communication NFC Antenna Of The Device To Control The Operation
CN102855207	CN20121217855	Used In Electronic Communication Device The Memory Of The Moderator
CN102857271	CN20121223454	Negotiating Communication Parameters Between Near Field Communications (NFC) Capable Devices
CN102983887	CN20121224404	Method And Apparatus For Reducing NFC Multi-Protocol Polling Duration And Power Consumption
CN102857265	CN20121226992	NFC Chip In The Redundancy Of The Safety Element Component
CN102857266	CN20121227002	Through NFC Near Field Communication Device Of The Secure Communication
CN103001671	CN20121227050	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write Access Is Available
CN102856666	CN20121227155	Control Of Near Field Communication Device Antenna Characteristics
CN103117778	CN20121359834	Near Field Communications (NFC) Device And Method For Communicating In Near Field Communications
CN103150813	CN20121506458	Near Field Communication Equipment

PUBLICATION NO.	APPLICATION NO.	TITLE
CN103138857	CN20121514979	Near Field Communication Device And Used To Detect Near Field Communication Equipment The Presence Of A Method For
CN103427879	CN20121592953	NFC Device Context Determination Through Proximity Gestural Movement Detection
CN103312363	CN20121594171	With Adjustable Gain Of The Near Field Communication Device
CN202795348	CN20122307668U	Electronic Device And Memorizer Arbitrator For The Same
CN103516387	CN20131237063	The NFC Device That Is Used For The Parts Of Combined Antenna Driver And Shunt Regulator
CN103516505	CN20131250423	Be Subject To The NFC Device Of The Active Load-Modulate Of PLL Control
CN103634030	CN20131378647	Supporting Wireless Electric Power Transmission And Near Field Communication Device
CN103338061	CN2013164422	Detecting A Presence Of Near Field Communications (NFC) Devices
CN203563063	CN20132342761U	Near Field Communication Circuit And Near Field Communication Device
DE602006007582	DE20066007582T	Near Field - RF - Communication
DE602006016547	DE20066016547T	RFID- Reader Architecture
DE602006021394	DE20066021394T	Demodulator
DE112009003513	DE20091103513T	Near-Field RF Communications Equipment
EP1761880	EP20040791609	RFID Apparatus
EP1727291	EP20060004371	Method And System For A Single Chip Integrated Bluetooth And FM Transceiver
EP1830301	EP20060022744	RFID Reader Architecture
EP1844556	EP20060703137	NFC Communicators And NFC Communications Enabled Devices
EP1842284	EP20060703549	A Demodulator
EP1856650	EP20060726358	Near Field Communications, NFC, Communicators And NFC Communications Enabled Devices
EP1889211	EP20060727150	Near Field RF Communications
EP1906415	EP20070011044	Hybrid On-Chip-Off-Chip Transformer
EP2052463	EP20070789221	Near Field RF Communicators And Near Field Communications Enabled Devices
EP2076867	EP20070824147	Near Field RF Communicators And Near Field RF Communications Enabled Devices
EP2087609	EP20070824721	Near Field RF Communicators And Near Field RF Communications-Enabled Devices

PUBLICATION NO.	APPLICATION NO.	TITLE
EP2056234	EP20080015151	Multi-Mode RFID Tag Architecture
EP2137832	EP20080718829	NFC Communicators
EP2225833	EP20080848687	Near Field RF Communicators
EP2235838	EP20090703411	Near Field RF Communicators
EP2235839	EP20090704344	Near Field RF Communicators
EP2476083	EP20100773678	Near Field RF Communicators And Near Field RF Communications Enabled Devices
EP2388930	EP20110004198	Overvoltage Protection In A Near Field Communications (NFC) Capable Device
EP2533357	EP30120004391	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation
EP2533581	EP20120004392	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
EP2541794	EP20120004703	Negotiating Communication Parameters Between Near Field Communications (NFC) Capable Devices
EP2541426	EP20120004704	Memory Arbitrator For Electronics Communications Devices
EP2541462	EP20120004737	Method And Apparatus For Reducing NFC Multi-Protocol Polling Duration And Power Consumption
EP2541995	EP20120004738	Method And Apparatus For Reducing Power Consumption Of A NFC Powered Device.
EP2551954	EP20120004739	Controlling Antenna Characteristics Of A Near Field Communications (NFC) Device
EP2541863	EP20120004780	Secure Communications Via NFC Device
EP2541791	EP20120004781	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write Access Is Available
EP2600639	EP20120005756	Systems And Methods For Providing Secure NFC Application Support In Battery On And Battery Off Modes
EP2582063	EP20120005817	Shaped Load Modulation In A Near Field Communications (NFC) Device
EP2639974	EP20120005867	Near Field Communications (NFC) Device Having Adjustable Gain
EP2665197	EP20120006413	NFC Device Context Determination Through Proximity Gestural Movement Detection

PUBLICATION NO.	APPLICATION NO.	TITLE
EP2602942	EP20120006692	Detecting A Presence Of Near Field Communications (NFC) Devices
EP2635052	EP20130000555	Detecting A Presence Of Near Field Communications (NFC) Devices
EP2675077	EP20130002941	NFC Device Combining Components Of Antenna Driver And Shunt Regulator
EP2680457	EP20130003064	NFC Device With PLL Controlled Active Load Modulation
EP2667323	EP20130003869	Multi-Mode RFID Tag Architecture
EP2704333	EP20130004040	Wireless Power Transfer - Near Field Communication Enabled Communication Device
EP2963588	EP20150001920	Multi-Mode RFID Tag Architecture
EP3007364	EP20150002676	NFC Communicators
GB2406023	GB20040024101	RFID Apparatus
GB2422517	GB20060001108	NFC Communicators And NFC Communications Enabled Devices
GB2443234	GB20060021164	Near Field RF Communicators And Near Field RF Communications Enabled Devices
GB2433386	GB20060025093	Communications Devices Comprising NFC Communicators
GB2438112	GB20070014445	A Demodulator
GB2441051	GB20070015941	Near Field RF Communicators And Near Field Communications Enabled Devices
GB2444180	GB20070023221	Near Field RF Communicators And Near Field RF Communications-Enabled Devices
GB2451342	GB20080013493	Near Field RF Communication
GB2456850	GB20080016474	Near Field RF Communicators
GB2456851	GB20080016477	Near Field RF Communicators
GB2465037	GB20090004824	Near Field RF Communications Apparatus
GB2473257	GB20090015547	Etsi Single Wire Protocol NFC Interface With Smoothing Capacitor Disconnected From Swio Line During Switching Transients
GB2465678	GB20090020719	Near Field RF Communicators
GB2464632	GB20100000425	Secure Memory Storage
GB2468206	GB20100003210	Demodulation Mixing

PUBLICATION NO.	APPLICATION NO.	TITLE
GB2479792	GB20100006830	Near Field RF Communicator
GB2479888	GB20100007002	Peak Detection In A Near Field Communicator To Provide Reliable Measurement Of Amplitude Of A RF Signal For Accurate Demodulation And Regulation
GB2467709	GB20100009982	Near Field RF Communicators
GB2484103	GB20100016367	Initiating A Near Field Communication (NFC) Polling Sequence When A Device Is Within Range
HK1121857	HK20080110858	A Combined On-Chip And Out-Chip Transformer And A Radio Frequency Identification System
HK1122906	HK20080114120	Antenna Structure Of An Integrated Circuit
HK1132063	HK20090109848	A Multimode RFID Tag And Its Operation Method
HK1177826	HK20130104755	Negotiating Communication Parameters Between Near Field Communications (NFC) Capable Devices (NFC)
HK1177832	HK20130104811	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation (NFC)
HK1178336	HK20130105119	Method And Apparatus For Reducing NFC Multi-Protocol Polling Duration And Power Consumption NFC
HK1179775	HK20130106734	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode NFC
HK1182543	HK20130109824	Near Field Communications (NFC) Device And Method Of Communication In The NFC Device
KR100981143	KR20070140978	An Integrated Circuit Antenna Structure
KR100975548	KR20080097192	Multi-Mode RFID Tag Architecture
KR101375820	KR20120103927	Battery And Battery -Off Mode On The Support Provided To The NFC Secure Applications For Systems And Methods
KR101362817	KR20120104366	Shaped Load Modulation In A Near Field Communications Device
KR101362816	KR20120108957	NFC Device Context Determination Through Proximity Gestural Movement Detection
KR101492948	KR20120108958	Near Field Communications Device Having Adjustable Gain

PUBLICATION NO.	APPLICATION NO.	TITLE
KR101296304	KR20127009038	Near Field RF Communicators And Near Field RF Communications Enabled Devices
KR101469823	KR20130021281	Detecting A Presence Of Near Field Communications(NFC) Devices
KR101524861	KR20130068329	NFC Device Combining Components Of Antenna Driver And Shunt Regulator
KR20140003330	KR20130071619	NFC Device With PLL Controlled Active Load Modulation
TWI357021	TW20070106680	RFID Reader Architecture
TWI396326	TW20070151028	An Integrated Circuit Antenna Structure
TWI401606	TW20080141680	Multi-Mode RFID Tag Architecture
TWI499230	TW20120120757	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation
TWI465059	TW20120120759	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
TWI474643	TW20120121728	Method And Apparatus For Reducing NFC Multi-Protocol Polling Duration And Power Consumption
TWI474644	TW20120121729	Negotiating Communication Parameters Between Near Field Communications (NFC) Capable Devices
TWI474177	TW20120121730	Memory Arbitrator For Electronics Communications Devices
TWI474645	TW20120122006	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write Access Is Available
TWI459739	TW20120122009	Redundant Secure Element Components In NFC Chip
TWI469554	TW20120122403	Secure Communications Via NFC Device
TWI520513	TW20120122405	Controlling Antenna Characteristics Of A Near Field Communications (NFC) Device
TWI474646	TW20120132306	Shaped Load Modulation In A Near Field Communications (NFC) Device
TWI486004	TW20120132770	Systems And Methods For Providing NFC Secure Application Support In Battery On And Battery Off Modes
TWI512634	TW20120133033	Near Filed Communications (NFC) Device

PUBLICATION NO.	APPLICATION NO.	TITLE
		Having Adjustable Gain
TW1467945	TW20120133683	Detecting A Presence Of Near Field Communications (NFC) Devices
TW1469553	TW20120137671	NFC Device Context Determination Through Proximity Gestural Movement Detection
TW1493909	TW20130106913	Near Field Communications (NFC) Devices And Method For Detecting Presence Of NFC Devices Thereof
TW1520440	TW20130118610	NFC Circuit And Device Combining Components Of Antenna Driver And Shunt Regulator And The Method Thereof
TW1487309	TW20130118612	NFC Device With PLL Controlled Active Load Modulation
TW201411983	TW20130127779	Wireless Power Transfer-Near Field Communication Enabled Communication Device
US6650870	US09/098071	Data Communication Apparatus
US8373544	US10/577504	RFID Apparatus
US7583179	US11/154231	Multi-Protocol Radio Frequency Identification Transceiver
US7689195	US11/154383	Multi-Protocol Radio Frequency Identification Transponder Transceiver
US8285205	US11/286555	Method And System For A Single Chip Integrated Bluetooth And FM Transceiver And Baseband Processor
US8116401	US11/286947	Method And System For Digital Spur Cancellation
US8811468	US11/286950	Method And System For FM Interference Detection And Mitigation
US8503929	US11/287034	Method And System For Routing FM Data To A Bluetooth Enabled Device Via A Bluetooth Link
US8428512	US11/287044	Method And System For Sharing A Bluetooth Processor For FM Functions
US7706836	US11/287075	Method And System For A Radio Data System (Rds) Demodulator For A Single Chip Integrated Bluetooth And Frequency Modulation (FM) Transceiver And Baseband Processor
US7515935	US11/287120	Method And System For Flexible FM Tuning

PUBLICATION NO.	APPLICATION NO.	TITLE
US8249500	US11/362311	Tunable NFC Device
US7664461	US11/377812	RFID Reader Architecture
US7477917	US11/377814	RFID Reader Integrated With Wireless Communication Device
US8064949	US11/425558	Method And System For Bluetooth And FM Radio Communication
US8660604	US11/425571	Method And System For A Transceiver For Bluetooth And Near Field Communication (NFC)
US8165552	US11/536663	Method And System For Identifying Radio Frequency Identification (RFID) Tag Location Using A Switchable Coil
US7907926	US11/536676	Method And System For Utilizing An Antenna For Frequency Modulation (FM) Communication, Near Field Communication (NFC) And Radio Frequency Identification (RFID)
US8538332	US11/640439	Communications Devices Comprising NFC Communicators
US7893878	US11/648826	Integrated Circuit Antenna Structure
US7586458	US11/750091	Method And System For Using A Transformer For FM Transmit And FM Receive Functionality
US7825871	US11/750095	Method And System For Equalizing Antenna Circuit Matching Variations
US7683851	US11/750103	Method And System For Using A Single Transformer For FM Transmit And FM Receive Functions
US7564302	US11/752025	Method And System For Gain Control And Power Saving In Broadband Feedback Low-Noise Amplifiers
US7933568	US11/752754	Method And System For Mitigating Receiver Saturation During Simultaneous FM Transmission And Reception
US8369889	US11/753698	Method And System For Sharing A Single Antenna For Frequency Modulation (FM) Transmission, FM Reception And Near Field Communication (NFC)
US8238825	US11/753708	Method And System For Sharing A Single Antenna For Frequency Modulation (FM) Reception Or FM Transmission And Near

PUBLICATION NO.	APPLICATION NO.	TITLE
		Field Communication (NFC)
US7920893	US11/754407	Method And System For Transmission Or Reception Of FM Signals Utilizing A Ddfs Clocked By An RFID PLL
US8600315	US11/754467	Method And System For A Configurable Front End
US7554404	US11/754472	Method And System For A Low Noise Amplifier With Tolerance To Large Inputs
US8175543	US11/754481	Method And System For Wireless Communication Using Integrated Clock Generation For Bluetooth And FM Transmit And FM Receive Functions
US8005436	US11/754490	Method And System For Integrated Bluetooth Transceiver, FM Transmitter And FM Receiver
US7925222	US11/754581	Method And System For Simultaneous FM Transmission And FM Reception Using A Shared Antenna And A Direct Digital Frequency Synthesizer
US7937107	US11/754600	Method And System For Bluetooth, Near Field Communication And Simultaneous FM Transmission And Reception Functions
US7995971	US11/754705	Method And System For Clocking FM Transmit FM Receive, And Near Field Communication Functions Using Ddfs
US7885683	US11/754708	Method And System For Simultaneous FM Transmit And FM Receive Functions Using An Integrated Bluetooth Local Oscillator Generator
US8032175	US11/754768	Method And System For Using A Bluetooth PLL To Drive FM Transmit, FM Receive, Bluetooth, And NFC Functions
US8432293	US11/795434	Charging A Chargeable Power Supply Of A Near Field Communication (NFC) Enabled Device From A Radio Frequency (RF) Signal Inductively Coupled Onto A Magnetic Field
US8509356	US11/864754	Method And System For Blocker And/Or Leakage Signal Rejection By Dc Bias Cancellation
US8188787	US11/883039	Peak Detector For Detecting Peaks In A Modulated Signal
US7881665	US11/886498	Near Field Communications, NFC, Communicators And NFC Communications Enabled Devices

PUBLICATION NO.	APPLICATION NO.	TITLE
US9301337	US11/918173	Near Field Communication (NFC) Device As An Initiator To High Data Rate Communication
US7986916	US11/920788	Demodulation Communication Signals In A Near Field Radio Frequency (Rf) Communicator
US7679514	US11/928544	Multi-Mode RFID Tag Architecture
US8207825	US11/941740	RFID Reader With Receiver Clock Derived From Transmitter Output
US7795700	US12/039256	Inductively Coupled Integrated Circuit With Magnetic Communication Path And Methods For Use Therewith
US8838047	US12/048748	Dynamic RF Front End
US8115598	US12/048786	Near Field Communication Front-End
US8093990	US12/048815	Far Field RFID Reader With Blocking
US8180285	US12/201020	Millimeter Wave Near Field Communication Device
US8063769	US12/210318	Dual Band Antenna And Methods For Use Therewith
US7965191	US12/210564	RFID Integrated Circuit With Integrated Antenna Structure
US8674888	US12/210595	Integrated Circuit With Power Supply Line Antenna Structure And Methods For Use Therewith
US8338930	US12/210648	Integrated Circuit With Electromagnetic Intra-chip Communication And Methods For Use Therewith
US8064533	US12/210678	Reconfigurable Mimo Transceiver And Method For Use Therewith
US7856247	US12/345840	RFID Reader Integrated With Wireless Communication Device
US8213862	US12/367234	Headset Charge Via Short-Range RF Communication
US8150321	US12/377627	Near Field RF Communicators And Near Field Communications Enabled Devices
US8121570	US12/418448	Method And System For Flexible FM Tuning
US8064864	US12/433100	RFID Using An Hybrid On-Chip-Off-Chip Transformer
US8140010	US12/446591	Near Field RF Communicators And Near Field RF Communications Enabled Devices

PUBLICATION NO.	APPLICATION NO.	TITLE
US8565675	US12/516233	Near Field RF Communicators And Near Field RF Communications-Enabled Devices
US8655273	US12/518440	NFC Communicator And Method Of Data Communication
US8489020	US12/532737	NFC Communicators Implementing Coil Voltage Reduction Circuitry
US8018393	US12/536059	Method And System For Using A Transformer For FM Transmit And FM Receive Functionally
US7890056	US12/651298	RFID Reader Architecture
US8422946	US12/670320	A Near Field Communicator Implementing Switched Circuit States For Demodulation
US8022825	US12/695169	Multi-Mode RFID Tag Architecture
US7890080	US12/711934	Multi-Protocol Radio Frequency Identification Transceiver
US8588682	US12/743208	Near Field RF Communicators Having Refined Energy Sharing Characteristics Utilizing Improved Shunt Current Control
US8217492	US12/841108	Inductively Coupled Integrated Circuit With Magnetic Communication Path And Methods For Use Therewith
US8326224	US12/863614	Harvesting Power In A Near Field Communications (NFC) Device
US8559872	US12/863617	Near Field Communications (NFC) Device Power Harvesting And Power Supply Selection
US7990333	US12/917799	Method And System For Equalizing Antenna Circuit Matching Variations
US8064873	US13/016251	Multi-Protocol RF Transceiver
US8233842	US13/017794	Communication Devices Having Controlled Impedances
US8311504	US13/047222	Method And System For Utilizing A Frequency Modulation (FM) Antenna System For Near Field Communication (NFC) And Radio Frequency Identification (PLL)
US8437706	US13/080036	Method And System For Transmission Or Reception Of FM Signals Utilizing A Clocked By An RFID PLL
US8199017	US13/092256	RFID Integrated Circuit With Integrated Antenna Structure
US9026046	US13/093740	Load Modulating Regulator For A Near Field Communication Device

PUBLICATION NO.	APPLICATION NO.	TITLE
US9236915	US13/095653	Detecting Peaks In A Received Signal In A Near Field Communications (NFC) Device
US8249650	US13/099457	Method And System For Bluetooth, Near Field Communication And Simultaneous FM Transmission And Reception Functions
US8897699	US13/112186	Reducing Emissions In A Near Field Communications (NFC) Capable Device
US9182771	US13/130365	Voltage Regulation Of Near Field Communication Communicators
US8548380	US13/157518	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
US9105965	US13/157572	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation
US8855556	US13/165456	Methods And Apparatus For Controlling State And Functionality Of An Electronic Component Through Motion-Awareness
US9042814	US13/169609	Measurement And Reporting Of Received Signal Strength In NFC-Enabled Devices
US8879985	US13/170885	Memory Arbitrator For Electronics Communications Devices
US8824961	US13/170999	Method And Apparatus For Reducing NFC Multi-Protocol Polling Duration And Power Consumption
US9209867	US13/171023	Device For Authenticating Wanted NFC Interactions
US8831512	US13/171041	Negotiating Communication Parameters Between Near Field Communications (NFC) Capable Devices
US9026047	US13/172204	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write Access Is Available
US8874038	US13/172325	Secure Communications Via NFC Device
US8620218	US13/172335	Power Harvesting And Use In A Near Field Communications (NFC) Device
US9054749	US13/172392	Optimizing Power Consumption In A Near Field Communications (NFC) Environment
US8957548	US13/173825	Controlling Antenna Characteristics Of A Near Field Communications (NFC) Device
US8558604	US13/203183	Demodulation Mixing For A Near Field Communications (NFC) Device

PUBLICATION NO.	APPLICATION NO.	TITLE
US8145140	US13/206240	Method And System For Clocking FM Transmit, FM Receive, And Near Field Communication Functions Using Ddfs
US8237566	US13/234632	Multi-Mode RFID Tag Architecture
US8693949	US13/248822	Near-Field RF Communicators Having A Low-Energy Pre-Polling Process
US9065167	US13/248876	Antenna Modification To Reduce Harmonic Activation
US8929808	US13/249043	Antenna Driver Circuit For NFC Reader Applications
US9152832	US13/250093	Positioning Guidance For Increasing Reliability Of Near-Field Communications
US9119160	US13/250356	Optimization Of NFC Tag For Different Battery Levels
US8965279	US13/255937	Recovering Data In A Near Field Communications Apparatus
US8670710	US13/260742	Filtering A Single Wire Protocol (Swp) Current Signal To Be Provided To A Near Field Communications (NFC) Device
US8831515	US13/271553	Shaped Load Modulation In A Near Field Communications (NFC) Device
US8339258	US13/273819	Dual Band Antenna And Methods For Use Therewith
US8369390	US13/305247	Multimode Transceiver For Use With Multiple Antennas And Method For Use Therewith
US9026048	US13/325675	Detecting A Presence Of Near Field Communications (NFC) Devices
US9064253	US13/335003	Systems And Methods For Providing NFC Secure Application Support In Battery On And Battery Off Modes
US8867990	US13/408149	Detecting A Presence Of Near Field Communications (NFC) Devices
US8769616	US13/412929	Authentication Of Devices In A Wireless Network
US9184798	US13/418174	Near Field Communications (NFC) Device Having Adjustable Gain
US9014623	US13/424250	Near Field RF Communicators And Near Field RF Communications Enabled Devices
US8295799	US13/427493	Method And System For Identifying Radio Frequency Identification (RFID) Tag Location Using A Switchable Coil

PUBLICATION NO.	APPLICATION NO.	TITLE
US8610579	US13/455104	RFID Integrated Circuit With Integrated Antenna Structure
US9160415	US13/461117	Open-Loop Frequency Lock Methods For Fast Boot-Up Time
US9306626	US13/473222	NFC Device Context Determination Through Proximity Gestural Movement Detection
US8463183	US13/489179	Headset Charge Via Short-Range RF Communication
US9020424	US13/523445	NFC Device Combining Components Of Antenna Driver And Shunt Regulator
US8503931	US13/534888	Tunable NFC-Enabled Device
US8934836	US13/535874	NFC Device With PLL Controlled Active Load Modulation
US8432285	US13/539652	Multi-Mode RFID Tag Architecture
US9020425	US13/558141	Communication Devices Having Controlled Impedances
US9160288	US13/558187	Method And System For Sharing A Single Antenna For Frequency Modulation (FM) Reception Or FM Transmission And Near Field Communication (NFC)
US9185501	US13/594489	Container-Located Information Transfer Module
US9281871	US13/595020	Wireless Power Transfer Near Field Communication Enabled Communication Device
US9225393	US13/625794	Systems And Methods For Determining Whether A Companion Communication Device Is Beyond A Proximity Of A Primary Communication Device
US8709872	US13/627604	Integrated Circuit With Electromagnetic Intrachip Communication And Methods For Use Therewith
US8766801	US13/663427	Dual Band Antenna And Methods For Use Therewith
US8909184	US13/673146	Method And System For Selecting A Wireless Signal Based On An Antenna Or Bias Voltage
US9031502	US13/730760	Antenna Solution For Wireless Power Transfer Near Field Communication Enabled Communication Device
US20130181818	US13/762976	RFID Apparatus

PUBLICATION NO.	APPLICATION NO.	TITLE
US9253590	US13/797242	Near Field Communicator Implementing Switched Circuit States For Demodulation
US9143202	US13/852139	Charging A Chargeable Power Supply Of A Near Field Communication (NFC) Enabled Device From A Radio Frequency (RF) Signal Inductively Coupled Onto A Magnetic Field
US8643490	US13/855150	Multi-Mode RFID Tag Architecture
US9143199	US13/914059	NFC Communicators Implementing Coil Voltage Reduction Circuitry
US9305192	US13/922548	Tunable NFC-Enabled Device
US8909144	US13/974414	Communications Devices Comprising NFC Communicators
US9300363	US14/042254	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
US8971804	US14/043454	Near Field Communications (NFC) Device Power Harvesting And Power Supply Selection
US9197059	US14/051538	Near Field RF Communicators Having Refined Energy Sharing Characteristics Utilizing Improved Shunt Current Control
US9060244	US14/079104	Power Harvesting And Use In A Near Field Communications (NFC) Device
US8941497	US14/089164	Multi-Mode Tag Architecture
US8849347	US14/152180	Method And System For A Transceiver For Bluetooth And Near Field Communication (NFC)
US9031505	US14/153439	Filtering A Single Wire Protocol (SWP) Current Signal To Be Provided To A Near Field Communications (NFC) Device
US9130601	US14/178920	Timing Management For An NFC Communicator And Related Data Source
US9268932	US14/316731	Authentication Of Devices In A Wireless Network
US9280499	US14/461802	Memory Arbitrator For Electronics Communications Devices
US9167377	US14/478229	Shaped Load Modulation In Near Field Communications (NFC) Device
US9231662	US14/497692	Secure Communications Via NFC Device

PUBLICATION NO.	APPLICATION NO.	TITLE
US9281874	US14/577303	NFC Device With PLL Controlled Active Load Modulation
US20150137949	US14/388095	Multi-Mode RFID Tag Architecture
US9225372	US14/592258	Near Field Communications (NFC) Device Power Harvesting And Power Supply Selection
US20150140929	US14/603551	Recovering Data In A Near Field Communication Apparatus
US9337903	US14/657338	Antenna Solution For Wireless Power Transfer-Near Field Communication Enabled Communication Device
US20150223014	US14/685831	Regulation And Load Modulation In A Near Field Communication Device
US20150229362	US14/688816	Measurement And Reporting Of Received Signal Strength In NFC Enabled Devices
US20150229363	US14/695967	NFC Device Combining Components Of Antenna Driver And Shunt Regulator
US20150244426	US14/697837	Power Harvesting And Use In A Near Field Communications (NFC) Device
US20150237584	US14/703405	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write Access Is Available
US9397384	US14/714952	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation
US20150270611	US14/729621	Antenna Modification To Reduce Harmonic Activation
US20150287025	US14/745940	Systems And Methods For Providing NFC Secure Application Support In Battery On And Battery Off Modes
US20150334518	US14/811292	Optimization Of NFC Tag For Different Battery Levels
US20160007281	US14/853167	Open-Loop Frequency Lock Methods For Fast Boot-Up Time
US20160105219	US14/874044	Positioning Guidance For Increasing Reliability Of Near-Field Communications
US20160037288	US14/879765	Container-Located Information Transfer Module
US20160066131	US14/935103	Near Field Communications (NFC) Device Having Adjustable Gain
US20160087682	US14/954193	Device For Authenticating Wanted NFC Interactions

PUBLICATION NO.	APPLICATION NO.	TITLE
US20160127013	US14/992710	Near Field RF Communicator And Timing Apparatus
US20160141890	US15/000859	Wireless Power Transfer - Near Field Communication Enabled Communication Device
US20160211890	US15/082198	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
US8879985	US13/170885	Memory Arbitrator For Electronics Communications Devices
US8897699	US13/112186	Reducing Emissions In A Near Field Communications (NFC) Capable Device
US8909144	US13/974414	Communications Devices Comprising NFC Communicators
US8909184	US13/673146	Method And System For Selecting A Wireless Signal Based On An Antenna Or Bias Voltage
US8929808	US13/249043	Antenna Driver Circuit For NFC Reader Applications
US8934836	US13/535874	NFC Device With PII Controlled Active Load Modulation
US8941497	US14/089164	Multi-Mode RFID Tag Architecture
US8957548	US13/173825	Controlling Antenna Characteristics Of A Near Field Communications (NFC) Device
US8965279	US13/255937	Recovering Data In A Near Field Communications Apparatus
US8971804	US14/043454	Near Field Communications (NFC) Device Power Harvesting And Power Supply Selection
US8972536	US13/158224	Systems And Methods For Secure Provisioning Of Consumer Network Services
US8997192	US13/896774	System And Method For Securely Provisioning And Generating One-Time-Passwords In A Remote Device
US9014623	US13/424250	Near Field RF Communicators And Near Field RF Communications Enabled Devices
US9020424	US13/523445	NFC Device Combining Components Of Antenna Driver And Shunt Regulator
US9020425	US13/558141	Communication Devices Having Controlled Impedances
US9026046	US13/093740	Load Modulating Regulator For A Near Field Communication Device
US9026047	US13/172204	Systems And Methods For Providing NFC Secure Application Support In Battery-Off Mode When No Nonvolatile Memory Write

PUBLICATION NO.	APPLICATION NO.	TITLE
		Access Is Available
US9026048	US13/325675	Detecting A Presence Of Near Field Communications (NFC) Devices
US9031502	US13/730760	Antenna Solution For Wireless Power Transfernear Field Communication Enabled Communication Device
US9031505	US14/153439	Filtering A Single Wire Protocol (Swp) Current Signal To Be Provided To A Near Field Communications (NFC) Device
US9032192	US11/234031	Method And System For Policy Based Authentication
US9042814	US13/169609	Measurement And Reporting Of Received Signal Strength In NFC-Enabled Devices
US9054749	US13/172392	Optimizing Power Consumption In A Near Field Communications (NFC) Environment
US9059994	US13/971578	System Utilizing A Secure Element
US9060244	US14/079104	Power Harvesting And Use In A Near Field Communications (NFC) Device
US9064253	US13/335003	Systems And Methods For Providing NFC Secure Application Support In Battery On And Battery Off Modes
US9065167	US13/248876	Antenna Modification To Reduce Harmonic Activation
US9105965	US13/157572	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation
US9117324	US13/406389	System And Method For Binding A Smartcard And A Smartcard Reader
US9119160	US13/250356	Optimization Of NFC Tag For Different Battery Levels
US9130601	US14/178920	Timing Management For An NFC Communicator And Related Data Source
US9143199	US13/914059	NFC Communicators Implementing Coil Voltage Reduction Circuitry
US9143202	US13/852139	Charging A Chargeable Power Supply Of A Near Field Communication (NFC) Enabled Device From A Radio Frequency (RF) Signal Inductively Coupled Onto A Magnetic Field
US9152832	US13/250093	Positioning Guidance For Increasing Reliability Of Near-Field Communications
US9160288	US13/558187	Method And System For Sharing A Single Antenna For Frequency Modulation (FM) Reception Or FM Transmission And Near

PUBLICATION NO.	APPLICATION NO.	TITLE
		Field Communication (NFC)
US9160415	US13/461117	Open-Loop Frequency Lock Methods For Fast Boot-Up Time
US9167377	US14/478229	Shaped Load Modulation In Near Field Communications (NFC) Device
US9182771	US13/130365	Voltage Regulation Of Near Field Communication Communicators
US9184798	US13/418174	Near Field Communications (NFC) Device Having Adjustable Gain
US9185501	US13/594489	Container-Located Information Transfer Module
US9197059	US14/051538	Near Field RF Communicators Having Refined Energy Sharing Characteristics Utilizing Improved Shunt Current Control
US9202070	US13/708269	Input/Output Gatekeeping
US9209867	US13/171023	Device For Authenticating Wanted NFC Interactions
US9215593	US13/894024	Systems And Methods For Providing Security To Different Functions
US9224013	US13/728875	Secure Processing Sub-System That Is Hardware Isolated From A Peripheral Processing Sub-System
US9225372	US14/592258	Near Field Communications (NFC) Device Power Harvesting And Power Supply Selection
US9225393	US13/625794	Systems And Methods For Determining Whether A Companion Communication Device Is Beyond A Proximity Of A Primary Communication Device
US9231662	US14/497692	Secure Communications Via NFC Device
US9236915	US13/095653	Detecting Peaks In A Received Signal In A Near Field Communications (NFC) Device
US9253590	US13/797242	Near Field Communicator Implementing Switched Circuit States For Demodulation
US9256734	US13/491309	Security Controlled Multi-Processor System
US9258287	US13/723036	Secure Active Networks
US9264426	US13/617792	System And Method For Authentication Via

PUBLICATION NO.	APPLICATION NO.	TITLE
		A Proximate Device
US9268932	US14/316731	Authentication Of Devices In A Wireless Network
US9268971	US11/524517	Secure Processor Supporting Multiple Security Functions
US9276830	US13/478383	Secure Electronic Element Network
US9280499	US14/461802	Memory Arbitrator For Electronics Communications Devices
US9281871	US13/595020	Wireless Power Transfer—Near Field Communication Enabled Communication Device
US9281874	US14/577303	NFC Device With PLL Controlled Active Load Modulation
US9288192	US13/620179	System And Method For Securing Data From A Remote Input Device
US9294279	US14/270120	User Authentication System
US9300363	US14/042254	Communications Device For Intelligently Routing Information Among Multiple User Interfaces
US9301337	US11/918173	Near Field Communication (NFC) Device As An Initiator To High Data Rate Communication
US9304944	US13/434556	Secure Memory Access Controller
US9305192	US13/922548	Tuneable NFC-Enabled Device
US9306626	US13/473222	NFC Device Context Determination Through Proximity Gestural Movement Detection
US9337903	US14/657338	Antenna Solution For Wireless Power Transfer-Near Field Communication Enabled Communication Device
US9355280	US14/473662	Apparatus And Method For Providing Hardware Security
US9397384	US14/714952	Touching An Antenna Of A Near Field Communications (NFC) Device To Control Its Operation