

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2611910

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIGMATEL, LLC	11/01/2013
RECEIVING PARTY DATA	
Name:	CITIBANK, N.A., AS NOTES COLLATERAL AGENT
Street Address:	390 GREENWICH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10013
PROPERTY NUMBERS Total: 175	
Property Type	Number
Patent Number:	5617058
Patent Number:	5714909
Patent Number:	5892800
Patent Number:	5933040
Patent Number:	5977822
Patent Number:	6055283
Patent Number:	6128354
Patent Number:	6144473
Patent Number:	6147634
Patent Number:	6151149
Patent Number:	6163580
Patent Number:	6175601
Patent Number:	6204651
Patent Number:	6212230
Patent Number:	6329800

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Patent Number:	6362605
Patent Number:	6362755
Patent Number:	6366522
Patent Number:	6373277
Patent Number:	6404172
Patent Number:	6430220
Patent Number:	6507223
Patent Number:	6522275
Patent Number:	6522511
Patent Number:	6526111
Patent Number:	6584162
Patent Number:	6633187
Patent Number:	6753705
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Patent Number:	6819677
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Patent Number:	7212463
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Patent Number:	D451900
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Application Number:	10614409
Application Number:	10865585
Application Number:	11166872
Application Number:	11241682
Application Number:	11265867
Application Number:	11402648
Application Number:	11732737
Application Number:	11796979
Application Number:	12022973
Application Number:	12945259
Application Number:	13107126
Application Number:	13114655

CORRESPONDENCE DATA

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Address Line 1: 21 TADCASTER CIRCLE
Address Line 2: ATTN: PENELOPE J.A. AGODOA
Address Line 4: WALDORF, MARYLAND 20602

ATTORNEY DOCKET NUMBER:	CRS1-39001
NAME OF SUBMITTER:	PENELOPE J.A. AGODOA
Signature:	/pja/
Date:	11/12/2013

Total Attachments: 13
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NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY, THE EXERCISE OF ANY RIGHT OR REMEDY BY THE NOTES COLLATERAL AGENT WITH RESPECT TO THE LIENS, SECURITY INTERESTS AND RIGHTS GRANTED PURSUANT TO THIS AGREEMENT OR ANY OTHER COLLATERAL DOCUMENT RELATING TO THE NOTES SHALL BE AS SET FORTH IN, AND SUBJECT TO THE TERMS AND CONDITIONS OF (AND THE EXERCISE OF ANY RIGHT OR REMEDY BY THE NOTES COLLATERAL AGENT HEREUNDER OR THEREUNDER SHALL BE SUBJECT TO THE TERMS AND CONDITIONS OF), THE FIRST LIEN INTERCREDITOR AGREEMENT, DATED AS OF FEBRUARY 19, 2010 (AS AMENDED, AMENDED AND RESTATED, SUPPLEMENTED OR OTHERWISE MODIFIED FROM TIME TO TIME, THE "INTERCREDITOR AGREEMENT"), AMONG CITIBANK, N.A., AS DIRECTING AGENT; CITIBANK, N.A., AS THE SENIOR CREDIT AGREEMENT COLLATERAL AGENT; CITIBANK, N.A., AS THE SENIOR CREDIT AGREEMENT INCREMENTAL COLLATERAL AGENT; CITIBANK, N.A., AS THE INITIAL ADDITIONAL FIRST LIEN REPRESENTATIVE; AND EACH ADDITIONAL AUTHORIZED REPRESENTATIVE FROM TIME TO TIME PARTY THERETO (IN EACH CASE, AS DEFINED IN THE INTERCREDITOR AGREEMENT), AS CONSENTED TO BY THE GRANTORS HEREUNDER FROM TIME TO TIME. WITH THE EXCEPTION OF SECTION 2 HEREOF, IN THE EVENT OF ANY CONFLICT BETWEEN THIS AGREEMENT OR ANY OTHER COLLATERAL DOCUMENT RELATING TO THE NOTES AND THE INTERCREDITOR AGREEMENT, THE INTERCREDITOR AGREEMENT SHALL CONTROL.

PATENT SECURITY AGREEMENT dated as of November 1, 2013 (this "*Agreement*"), among SIGMATEL, LLC, a Delaware limited liability company with an address at 6501 William Cannon Drive West, Austin, Texas 78735 ("*SigmaTel*") and CITIBANK, N.A., with an address at 390 Greenwich Street, New York, New York 10013, as collateral agent for the Secured Parties (in such capacity, the "*Notes Collateral Agent*").

Reference is made to (a) the Intellectual Property Security Agreement dated as of November 1, 2013 (as amended, supplemented or otherwise modified from time to time, the "*Security Agreement*"), among FREESCALE SEMICONDUCTOR, INC., a Delaware corporation (the "*Issuer*"), FREESCALE SEMICONDUCTOR HOLDINGS V, INC., a Delaware corporation ("*Holdings V*"), SigmaTel, the Subsidiaries of FREESCALE SEMICONDUCTOR HOLDINGS III, LTD. ("*Holdings III*"), from time to time party thereto and the Notes Collateral Agent, and (b) the Indenture dated as of November 1, 2013 (as amended, supplemented or otherwise modified from time to time, the "*Indenture*"), among the Issuer, Holdings V, SigmaTel, and the other Guarantors named therein, and Wells Fargo Bank, National Association, as trustee (the "*Trustee*"), pursuant to which the Issuer has issued \$960,000,000 aggregate principal amount of 6.000% Senior Secured Notes due 2022 (the "*Notes*") to the holders thereof (the "*Holders*"). The obligations of the initial Holders to purchase the Notes are conditioned upon, among other things, the execution and delivery of this Agreement. SigmaTel will derive substantial benefits from the execution, delivery and performance of the obligations under the Indenture and the Collateral Documents relating to the

Notes and is, therefore, willing to enter into this Agreement. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Security Agreement. The rules of construction specified in Section 1.01(b) of the Security Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, including the Guarantees, the Borrower, pursuant to the Security Agreement, did and hereby does grant to the Notes Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in, all right, title or interest in or to any and all of the following assets and properties now owned or at any time hereafter acquired by SigmaTel or in which SigmaTel now has or at any time in the future may acquire any right, title or interest (collectively, the "***Patent Collateral***"):

(a) all letters patent of the United States or the equivalent thereof in any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or the equivalent thereof in any other country, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in any other country, including those listed on Schedule I, and all reissues, continuations, divisions, continuations in part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein; *provided, however*, that notwithstanding any of the other provisions herein (and notwithstanding any recording of the Notes Collateral Agent's Lien made in the U.S. Patent and Trademark Office or other IP registry office), this Agreement shall not constitute a grant of a security interest in any property to the extent that such grant of a security interest is prohibited by any rule of law, statute or regulation or is prohibited by, or constitutes a breach or default under or results in the termination of any contract, license, agreement, instrument or other document evidencing or giving rise to such property, or would result in the forfeiture of SigmaTel's rights in the property;

SECTION 3. Security Agreement. The security interests granted to the Notes Collateral Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Notes Collateral Agent pursuant to the Security Agreement. SigmaTel hereby acknowledges and affirms that the rights and remedies of the Notes Collateral Agent with respect to the Patent Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

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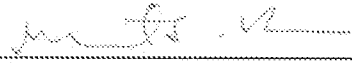
IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

SigmaTel, LLC,

By: Freescale Semiconductor, Inc.
its Sole Member

By: Steven P. Goel
Name: Steven P. Goel
Title: Vice President and Treasurer

CITIBANK, N.A.,
as Notes Collateral Agent

By: 

Name: Matthew Burke

Title: Vice President

Schedule I

I. U.S. Patents Assigned to SigmaTel, LLC

Owner	Patent #	Description
SIGMATEL, LLC	5617058	DIGITAL SIGNAL PROCESSING FOR LINEARIZATION OF SMALL INPUT SIGNALS TO A TRI-STATE POWER SWITCH
SIGMATEL, LLC	5714909	TRANSIMPEDANCE AMPLIFIER AND METHOD FOR CONSTRUCTING SAME
SIGMATEL, LLC	5892800	DATA DETECTION CIRCUIT HAVING A PRE-AMPLIFIER CIRCUIT
SIGMATEL, LLC	5933040	METHO AND APPARATUS FOR A DATA DETECTION CIRCUIT OPERATING FROM A LOW VOLTAGE POWER SOURCE
SIGMATEL, LLC	5977822	METHOD AND APPARATUS OF PULSE POSITION DEMODULATION
SIGMATEL, LLC	6055283	DATA DETECTION CIRCUIT
SIGMATEL, LLC	6128354	DATA DETECTION PRE-AMPLIFIER CIRCUIT
SIGMATEL, LLC	6144473	METHOD AND APPARATUS FOR TRANSCEIVING INFRARED SIGNALS
SIGMATEL, LLC	6147634	METHOD AND APPARATUS FOR DIGITAL TO ANALOG CONVERSION WITH REDUCED NOISE
SIGMATEL, LLC	6151149	METHOD AND APPARATUS FOR PULSE PATTERN MODULATION
SIGMATEL, LLC	6163580	METHOD AND APPARATUS FOR DATA DETECTION WITH AN ENHANCED ADAPTIVE THRESHOLD
SIGMATEL, LLC	6175601	INFRA-RED DATA PROCESSING CIRCUIT
SIGMATEL, LLC	6204651	METHOD AND APPARATUS FOR REGULATING AN OUTPUT VOLTAGE OF A SWITCH MODE CONVERTER
SIGMATEL, LLC	6212230	METHOD AND APPARATUS FOR PULSE POSITION MODULATION
SIGMATEL, LLC	6329800	METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION IN DRIVER CIRCUITS
SIGMATEL, LLC	6362605	METHOD AND APPARATUS FOR PROVIDING POWER TO AN INTEGRATED CIRCUIT
SIGMATEL, LLC	6362755	METHOD AND APPARATUS FOR SAMPLE RATE CONVERSION AND APPLICANTS THEREOF
SIGMATEL, LLC	6366522	METHOD AND APPARATUS FOR CONTROLLING POWER CONSUMPTION OF AN INTEGRATED CIRCUIT
SIGMATEL, LLC	6373277	LINE DRIVER HAVING VARIABLE IMPEDANCE TERMINATION
SIGMATEL, LLC	6404172	METHOD AND APPARATUS FOR PROVIDING INTEGRATED BUCK OR BOOST CONVERSION
SIGMATEL, LLC	6430220	DISTORTION REDUCTION METHOD AND APPARATUS FOR LINEARIZATION OF DIGITAL PULSE WIDTH MODULATION BY EFFICIENT CALCULATION
SIGMATEL, LLC	6507223	DIFFERENTIAL LINE DRIVER HAVING ADJUSTABLE COMMON MODE OPERATION
SIGMATEL, LLC	6522275	METHOD AND APPARATUS FOR SAMPLE RATE CONVERSION FOR USE IN AN ANALOG TO DIGITAL CONVERTER
SIGMATEL, LLC	6522511	HIGH SPEED ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT
SIGMATEL, LLC	6526111	METHOD AND APPARATUS FOR PHASE LOCKED LOOP HAVING REDUCED JITTER AND/OR FREQUENCY BIASING
SIGMATEL, LLC	6584162	METHOD AND APPARATUS SAMPLE RATE CONVERSIONS IN AN ANALOG TO DIGITAL CONVERTER
SIGMATEL, LLC	6633187	METHOD AND APPARATUS FOR ENABLING A STAND ALONE INTEGRATED CIRCUIT
SIGMATEL, LLC	6753705	EDGE SENSITIVE DETECTION CIRCUIT
SIGMATEL, LLC	6768443	SWITCH CAPACITOR CIRCUIT AND APPLICATIONS THEREOF
SIGMATEL, LLC	6819677	METHOD AND APPARATUS FOR RECOVERING DATA THAT WAS TRANSPORTED UTILIZING MULTIPLE DATA TRANSPORT PROTOCOLS
SIGMATEL, LLC	6857034	COMPUTER PERIPHERAL DEVICE INCORPORATING INFRARED TRANSMISSIONS
SIGMATEL, LLC	6931139	COMPUTER AUDIO SYSTEM
SIGMATEL, LLC	6967468	OVERVOLTAGE AND BACKFLOW CURRENT PROTECTION FOR A BATTERY CHARGER
SIGMATEL, LLC	6977447	METHOD AND APPARATUS FOR REGULATING MULTIPLE OUTPUTS

SCHEDULE I-I (Patents)

		OF A SINGLE INDUCTOR DC TO DC CONVERTER
SIGMATEL, LLC	7030695	LOW THRESHOLD VOLTAGE CIRCUIT EMPLOYING A HIGH THRESHOLD VOLTAGE OUTPUT STAGE
SIGMATEL, LLC	7043479	REMOTE-DIRECTED MANAGEMENT OF MEDIA CONTENT
SIGMATEL, LLC	7075280	PULSE-SKIPPING PFM DC-DC CONVERTER USING A VOLTAGE MODE CONTROL LOOP
SIGMATEL, LLC	7116262	SYSTEM AND METHOD TO RECEIVE DATA
SIGMATEL, LLC	7146322	INTERLEAVING OF INFORMATION INTO COMPRESSED DIGITAL AUDIO STREAMS
SIGMATEL, LLC	7164320	CURRENT THRESHOLD CIRCUIT
SIGMATEL, LLC	7206563	REDUCTION OF RADIO FREQUENCY INTERFERENCE (RFI) PRODUCED BY SWITCHING AMPLIFIERS
SIGMATEL, LLC	7209069	SUCCESSIVE APPROXIMATION ANALOG-TO-DIGITAL CONVERTER WITH CURRENT STEERED DIGITAL-TO-ANALOG CONVERTER
SIGMATEL, LLC	7212458	MEMORY PROCESSING SYSTEM AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7212463	METHOD AND SYSTEM OF OPERATING MODE DETECTION
SIGMATEL, LLC	7221725	HOST INTERFACE DATA RECEIVER
SIGMATEL, LLC	7227478	SAMPLE RATE CONVERTER WITH SELECTABLE SAMPLING RATE AND TIMING REFERENCE
SIGMATEL, LLC	7228054	AUTOMATED PLAYLIST GENERATION
SIGMATEL, LLC	7230557	AUDIO CODEC ADAPTED TO DUAL BIT-STREAMS AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7233875	TEST SET FOR TESTING A DEVICE AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7245247	ANALOG TO DIGITAL SIGNAL CONVERTER HAVING SAMPLING CIRCUIT WITH DIVIDED INTEGRATING CAPACITANCE
SIGMATEL, LLC	7246027	POWER OPTIMIZATION OF A MIXED-SIGNAL SYSTEM ON AN INTEGRATED CIRCUIT
SIGMATEL, LLC	7254244	POP AND CLICK REDUCTION USING DAC POWER UP AND POWER DOWN PROCESSING
SIGMATEL, LLC	7262585	METHOD AND APPARATUS FOR BI-DIRECTIONAL CURRENT LIMIT IN A DUAL-POWER SOURCE CAPABLE DEVICE
SIGMATEL, LLC	7280154	INTERPOLATIVE INTERLEAVING OF VIDEO IMAGES
SIGMATEL, LLC	7284080	MEMORY BUS ASSIGNMENT FOR FUNCTIONAL DEVICES IN AN AUDIO/VIDEO SIGNAL PROCESSING SYSTEM
SIGMATEL, LLC	7301826	MEMORY PROCESSING SYSTEM AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7312538	METHOD AND APPARATUS FOR REGULATING MULTIPLE OUTPUTS OF A SINGLE INDUCTOR DC TO DC CONVERTER
SIGMATEL, LLC	7321261	FULL SWING AMPLIFYING CIRCUIT AND APPLICATIONS THEREOF
SIGMATEL, LLC	7323921	CLOCK GENERATOR, SYSTEM ON A CHIP INTEGRATED CIRCUIT AND METHOD FOR USE THEREWITH
SIGMATEL, LLC	7359254	CONTROLLER FOR CONTROLLING A SOURCE CURRENT TO A MEMORY CELL, PROCESSING SYSTEM AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7366577	PROGRAMMABLE ANALOG INPUT/OUTPUT INTEGRATED CIRCUIT SYSTEM
SIGMATEL, LLC	7376762	SYSTEMS AND METHODS FOR DIRECT MEMORY ACCESS
SIGMATEL, LLC	7378829	METHOD AND SYSTEM FOR PROVIDING VOLTAGE
SIGMATEL, LLC	7379356	MEMORY, INTEGRATED CIRCUIT AND METHODS FOR ADJUSTING A SENSE AMP ENABLE SIGNAL USED THEREWITH
SIGMATEL, LLC	7382111	OVERVOLTAGE AND BACKFLOW CURRENT PROTECTION FOR A BATTERY CHARGER
SIGMATEL, LLC	7391346	SWITCHING AMPLIFIER SYSTEM AND METHOD
SIGMATEL, LLC	7391347	RADIO RECEIVER, SYSTEM ON A CHIP INTEGRATED CIRCUIT AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7394314	CLASS-D AMPLIFIER WITH NOISE-IMMUNITY FEEDBACK
SIGMATEL, LLC	7394987	PROGRAMMABLE INFRARED DATA PROCESSOR
SIGMATEL, LLC	7395401	SYSTEM AND METHOD FOR ACCESSING SOLID-STATE MEMORY DEVICES
SIGMATEL, LLC	7402981	METHOD AND APPARATUS TO PERFORM BATTERY CHARGING USING A DC-DC CONVERTER CIRCUIT
SIGMATEL, LLC	7420866	METHOD AND SYSTEM OF OPERATING MODE DETECTION

SCHEDULE I-I (Patents)

SIGMATEL, LLC	7424056	METHOD FOR MOTION ESTIMATION AND BANDWIDTH REDUCTION IN MEMORY AND DEVICE FOR PERFORMING THE SAME
SIGMATEL, LLC	7460847	HANDHELD AUDIO SYSTEM WITH RADIO RECEIVER AND METHOD FOR USE THEREWITH
SIGMATEL, LLC	7471723	ERROR CONCEALMENT AND ERROR RESILIENCE
SIGMATEL, LLC	7478084	REMOTE-DIRECTED MANAGEMENT OF MEDIA CONTENT
SIGMATEL, LLC	7490266	INTEGRATED CIRCUIT AND PROCESSING SYSTEM WITH IMPROVED POWER SOURCE MONITORING AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7501794	SYSTEM, METHOD AND SEMICONDUCTOR DEVICE FOR CHARGING A SECONDARY BATTERY
SIGMATEL, LLC	7508686	SYSTEM AND METHOD FOR CONFIGURING DIRECT CURRENT CONVERTER
SIGMATEL, LLC	7518661	SYSTEM AND METHOD OF AUDIO DETECTION
SIGMATEL, LLC	7528653	CLASS-D AMPLIFIER WITH NOISE-IMMUNITY FEEDBACK
SIGMATEL, LLC	7529878	METHOD AND SYSTEM OF MEMORY MANAGEMENT
SIGMATEL, LLC	7535287	SEMICONDUCTOR DEVICE AND SYSTEM AND METHOD OF CRYSTAL SHARING
SIGMATEL, LLC	7543186	SYSTEM AND METHOD FOR IMPLEMENTING SOFTWARE BREAKPOINTS
SIGMATEL, LLC	7551017	LEVEL SHIFTER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7555591	METHOD AND SYSTEM OF MEMORY MANAGEMENT
SIGMATEL, LLC	7565112	REDUCED ADJACENT CHANNEL INTERFERENCE IN A RADIO RECEIVER
SIGMATEL, LLC	7574590	SYSTEM AN A CHIP INTEGRATED CIRCUIT, PROCESSING SYSTEM AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7577419	DIGITAL MIXER SYSTEM AND METHOD
SIGMATEL, LLC	7583216	ADJUSTABLE DAC AND APPLICATIONS THEREOF
SIGMATEL, LLC	7594087	NON-VOLATILE MEMORY
SIGMATEL, LLC	7599451	SAMPLE RATE CONVERSION MODULE AND APPLICATIONS THEREOF
SIGMATEL, LLC	7602862	MIXING MODULE AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7620131	DIGITAL CLOCK CONTROLLER, RADIO RECEIVER, AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7620380	ADJUSTABLE AUTOMATIC GAIN CONTROL
SIGMATEL, LLC	7620792	PROCESSING SYSTEM, MEMORY AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7627712	METHOD AND SYSTEM FOR MANAGING MULTI-PLANE MEMORY DEVICES
SIGMATEL, LLC	7629709	REGULATION OF A DC TO DC CONVERTER
SIGMATEL, LLC	7630645	DETECTING AN INFRARED TRANSCEIVER TYPE
SIGMATEL, LLC	7631163	MEMORY MANAGEMENT UNIT
SIGMATEL, LLC	7634696	SYSTEM AND METHOD FOR TESTING MEMORY
SIGMATEL, LLC	7644251	NON-VOLATILE SOLID-STATE MEMORY CONTROLLER
SIGMATEL, LLC	7649935	DIGITAL ADAPTIVE FEEDFORWARD HARMONIC DISTORTION COMPENSATION FOR DIGITALLY CONTROLLED POWER STAGE
SIGMATEL, LLC	7656968	RADIO RECEIVER, SYSTEM ON A CHIP INTEGRATED CIRCUIT AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7657725	INTEGRATED CIRCUIT WITH MEMORY-LESS PAGE TABLE
SIGMATEL, LLC	7664027	INFRARED ADAPTER WITH DATA PACKET THROTTLE
SIGMATEL, LLC	7672403	RADIO RECEIVER, SYSTEM ON A CHIP INTEGRATED CIRCUIT AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7676206	LOW NOISE, LOW DISTORTION RADIO RECEIVER FRONT-END
SIGMATEL, LLC	7684515	RADIO RECEIVER, SYSTEM ON A CHIP INTEGRATED CIRCUIT AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7685333	METHOD AND SYSTEM FOR COMMUNICATING WITH MEMORY DEVICES UTILIZING SELECTED TIMING PARAMETERS FROM A TIMING TABLE
SIGMATEL, LLC	7686621	INTEGRATED CIRCUIT TEST SOCKET HAVING ELASTIC CONTACT SUPPORT AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7689807	MASS STORAGE DEVICE, MASS STORAGE CONTROLLER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7697912	METHOD TO ADJUSTABLY CONVERT A FIRST DATA SIGNAL HAVING A FIRST TIME DOMAIN TO A SECOND DATA SIGNAL HAVING A SECOND TIME DOMAIN

SCHEDULE I-I (Patents)

SIGMATEL, LLC	7720456	ADJUST SWITCHING RATE OF A POWER SUPPLY TO MITIGATE INTERFERENCE
SIGMATEL, LLC	7724843	CLOCK ADJUSTMENT FOR A HANDHELD AUDIO SYSTEM
SIGMATEL, LLC	7724861	SAMPLE RATE CONVERTER
SIGMATEL, LLC	7725759	SYSTEM AND METHOD OF MANAGING CLOCK SPEED IN AN ELECTRONIC DEVICE
SIGMATEL, LLC	7728660	AUDIO SIGNAL PROCESSING SYSTEM AND METHOD
SIGMATEL, LLC	7729461	SYSTEM AND METHOD OF SIGNAL PROCESSING
SIGMATEL, LLC	7729682	RECEIVER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7739469	PATCHING ROM CODE
SIGMATEL, LLC	7752049	INTERLEAVING OF INFORMATION INTO COMPRESSED DIGITAL AUDIO STREAMS
SIGMATEL, LLC	7752373	SYSTEM AND METHOD FOR CONTROLLING MEMORY OPERATIONS
SIGMATEL, LLC	7761773	SEMICONDUCTOR DEVICE INCLUDING A UNIQUE IDENTIFIER AND ERROR CORRECTION CODE
SIGMATEL, LLC	7774079	METHOD AND SYSTEM FOR RECEIVING AND DECODING AUDIO SIGNALS
SIGMATEL, LLC	7778074	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
SIGMATEL, LLC	7786698	CHARGING A SECONDARY BATTERY
SIGMATEL, LLC	7792220	DEMODULATOR SYSTEM AND METHOD
SIGMATEL, LLC	7801311	RADIO RECEIVER WITH STEREO DECODER AND METHOD FOR USE THEREWITH
SIGMATEL, LLC	7809345	DIGITAL PLL AND APPLICATIONS THEREOF
SIGMATEL, LLC	7813823	COMPUTER AUDIO SYSTEM AND METHOD
SIGMATEL, LLC	7817807	AUDIO OUTPUT DRIVER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7821501	TOUCH SCREEN DRIVER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7843271	AUDIO AMPLIFIER AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7844307	WIRELESS HANDSET AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7856073	DIGITAL GAIN ADJUSTMENT IN A WIRELESS RECEIVER
SIGMATEL, LLC	7856283	DIGITAL MICROPHONE INTERFACE, AUDIO CODEC AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7856464	DECIMATION FILTER
SIGMATEL, LLC	7864962	SYSTEM AND METHOD OF ROUTING AUDIO SIGNALS TO MULTIPLE SPEAKERS
SIGMATEL, LLC	7882383	SYSTEM ON A CHIP WITH RTC POWER SUPPLY
SIGMATEL, LLC	7890071	HANDHELD AUDIO SYSTEM
SIGMATEL, LLC	7894560	PILOT TRACKING MODULE OPERABLE TO ADJUST INTERPOLATOR SAMPLE TIMING WITHIN A HANDHELD AUDIO SYSTEM
SIGMATEL, LLC	7899135	DIGITAL DECODER AND APPLICATIONS THEREOF
SIGMATEL, LLC	7907664	DIGITAL ADAPTIVE FEEDFORWARD HARMONIC DISTORTION COMPENSATION FOR DIGITALLY CONTROLLED POWER STAGE
SIGMATEL, LLC	7911839	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
SIGMATEL, LLC	7917788	SOC WITH LOW POWER AND PERFORMANCE MODES
SIGMATEL, LLC	7929868	INFRARED RECEIVER, INFRARED BRIDGE DEVICE AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7930046	CODEC INTEGRATED CIRCUIT, CODEC AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7940132	CLOCK SYSTEM AND APPLICATIONS THEREOF
SIGMATEL, LLC	7949131	DIGITAL SECURITY SYSTEM
SIGMATEL, LLC	7953991	PROCESSING SYSTEM AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	7966085	AUDIO SOURCE SYSTEM AND METHOD
SIGMATEL, LLC	8014533	AUDIO OUTPUT DRIVER FOR REDUCING ELECTROMAGNETIC INTERFERENCE AND IMPROVING AUDIO CHANNEL PERFORMANCE
SIGMATEL, LLC	8035368	INTEGRATED CIRCUIT, UNIVERSAL SERIAL BUS ON-THE-GO POWER SOURCE AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	8055982	ERROR CORRECTION SYSTEM AND METHOD
SIGMATEL, LLC	8106892	TOUCH SCREEN DRIVER FOR RESOLVING PLURAL CONTEMPORANEOUS TOUCHES AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	8130871	INTEGRATED CIRCUIT HAVING RADIO RECEIVER AND METHODS FOR

SCHEDULE I-I (Patents)

		USE THEREWITH
SIGMATEL, LLC	8189384	SYSTEM AND METHOD TO CONTROL ONE TIME PROGRAMMABLE MEMORY
SIGMATEL, LLC	8379730	METHOD FOR DETERMINING DISPLAY ORDER OF VOPS IN DECODER END OF MPEG IMAGE SYSTEM AND DEVICE FOR EXECUTING THE SAME
SIGMATEL, LLC	8477248	SYSTEM AND METHOD FOR DEMODULATING AUDIO SIGNALS
SIGMATEL, LLC	D451899	AUDIO PLAYER APPARATUS
SIGMATEL, LLC	D451900	AUDIO PLAYER APPARATUS

SCHEDULE I-I (Patents)

II. SigmaTel, LLC U.S. Patent Applications

Owner	Application #	Description
SIGMATEL, LLC	10/066552	EXPANSION PERIPHERAL TECHNIQUES FOR PORTABLE AUDIO PLAYER
SIGMATEL, LLC	10/614409	METHOD FOR DETERMINING DISPLAY ORDER OF VOPS IN DECODER END OF MPEG IMAGE SYSTEM AND DEVICE FOR EXECUTING THE SAME
SIGMATEL, LLC	10/865585	FLEXIBLE MEMORY INTERFACE SYSTEM
SIGMATEL, LLC	11/166872	SYSTEM AND METHOD OF USING A PROTECTED NON-VOLATILE MEMORY
SIGMATEL, LLC	11/241682	SYSTEM AND METHOD FOR SYSTEM RESOURCE ACCESS
SIGMATEL, LLC	11/265867	POWER MANAGEMENT FOR A BATTERY-POWERED HANDHELD AUDIO DEVICE
SIGMATEL, LLC	11/402648	BUFFER CONTROLLER, CODEC AND METHODS FOR USE THEREWITH
SIGMATEL, LLC	11/732737	AUTOMATED PLAYLIST GENERATION
SIGMATEL, LLC	11/796979	GAIN CONTROL MODULE AND APPLICATIONS THEREOF
SIGMATEL, LLC	12/022973	EXPANSION PERIPHERAL TECHNIQUES FOR PORTABLE AUDIO PLAYER
SIGMATEL, LLC	12/945259	DECIMATION FILTER
SIGMATEL, LLC	13/107126	AUDIO SOURCE SYSTEM AND METHOD
SIGMATEL, LLC	13/114655	AUDIO OUTPUT DRIVER FOR REDUCING ELECTROMAGNETIC INTERFERENCE AND IMPROVING AUDIO CHANNEL PERFORMANCE

SCHEDULE I-II (Patent Applications)

III. SigmaTel, LLC Jointly Owned U.S. Patents

None.

SCHEDULE I-III (Jointly Owned Patents)

IV. SigmaTel, LLC Jointly Owned U.S. Patent Applications

None.

SCHEDULE I-IV (Jointly Owned Patent Applications)

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PATENT
REEL: 031626 FRAME: 0236