## 502640053 01/17/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2686661

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SUBMISSION TYPE:			NEW ASSIGNMENT									
NATURE OF CONVEYANCE:			MERGER									
EFFECTIVE DATE:		01/0	01/01/2011									
CONVEYING PART	Y DATA											
Name Execution Date												
SARNOFF CORPO	RATION	Name		02/04/2011								
RECEIVING PARTY DATA												
Name:	SRI INTERNATIONAL											
Street Address:	333 RAVEN	333 RAVENSWOOD AVENUE										
City:	MENLO PAR	MENLO PARK										
State/Country:	CALIFORNIA	CALIFORNIA										
Postal Code:	94025											
Property	Туре		Number									
Property Patent Number:	туре	6452980										
T dtent Hansen		0.102000										
CORRESPONDENC	CE DATA											
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Correspondence will be sent via US Mail when the email attempt is unsuccessful.												
Correspondent Name: LALEH SHAYESTEH												
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ATTORNEY DOCKE	ET NUMBER:	N13	N13079									
NAME OF SUBMITT	ΓER:	LAL	LALEH SHAYESTEH									
Signature:		/ls/	/ls/									
Date:		01/1	17/2014									
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### Total Attachments: 4

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PATENT REEL: 031990 FRAME: 0801

### PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Assignment") is made by and among **Sarnoff** Corporation, a company incorporated under the laws of New Jersey (United States of America), with a registered office at 201 Washington Road, Princeton, NJ-08543, New Jersey, USA ("Assignor" or "Sarnoff"), in favor of **SRI International**, a California nonprofit public benefit corporation with a registered office at 333 Ravenswood Avenue Menlo Park, CA 94025-3453 ("Assignee" or "SRI"),

WHEREAS, SRI wishes to acquire, and Sarnoff wishes to assign, all of Sarnoff's right, title and interest in and to the United States patent applications and patents set forth in Exhibit A and foreign patent applications and patents set forth in Exhibit B, attached hereto (collectively, the "Patents").

NOW, THEREFORE, pursuant to the Transfer Agreement entered into on January 1, 2011 by Sarnoff and SRI, attached hereto as Exhibit C, and in consideration of good and valuable consideration, the receipt of which is acknowledged in the Transfer Agreement, Sarnoff hereby fully transfers and assigns to SRI, who accepts, all its title, interest and rights, subject to any and all licenses and/or co-ownership rights existing at the effective date of the Transfer Agreement, the Patents, in the United States and for all foreign countries, including any reissues, divisions, continuations, continuations-in-part, reexaminations, extensions, revisions or improvements thereof and foreign equivalents thereof, and including the subject matter of all claims that may be obtained therefrom, for SRI's own use and enjoyment, and for the use and enjoyment of SRI's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Sarnoff if this Assignment and transfer had not been made together with all income, royalties, damages or payments due or payable as of the date hereof or thereafter, including, without limitation, (a) all rights, interests, claims and demands recoverable in law or equity that Sarnoff has or may have in profits and damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for SRI's own use and enjoyment, and for the use and enjoyment of SRI's successors, assigns, or other legal representatives and (b) all rights to apply for registrations in foreign countries that Sarnoff has or may have with respect to

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any of the foregoing with full benefit of such priorities as may now or hereafter be granted to it by law or treaty, including any international convention.

Sarnoff authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to record SRI as owner/co-owner of the Patents, including any reissues, divisions, continuations, continuations-in-part, revisions, extensions or reexaminations thereof, and to issue all letters patent of the United States, and foreign countries, thereon to SRI, as assignee of its entire right, title and interest in, to and under the same, for the sole use and enjoyment of SRI, its successors, assigns or other legal representatives.

At any time or from time to time after the execution date hereof, a former representative of Sarnoff shall, at the request of SRI, execute and deliver any further instruments or documents and take all such further action as SRI may reasonably request in order to evidence the consummation of this Assignment.

Except as otherwise provided in this Assignment, this Assignment shall be governed by the terms and conditions set forth in the Transfer Agreement entered into as of January 1, 2011 by the Sarnoff and SRI.

--SIGNATURES APPEAR ON THE NEXT PAGE-

IN TESTIMONY WHEREOF, the A	assignor has caused this Assignment to be
signed and executed by the undersigned offi	icer of Sarnoff at the time of the Transfer
Agreement thereunto duly authorized this $\mathcal{L}_{I}^{\mathcal{L}}$	th day of Feb 2011.
	James Crofton  Table:
	Carnoff Corporation
	"Assignor"/"Sarnoff"
	Lisa Treshock
	Printed Name of Witness
	Kin Treshoch
	Signature of Witness
	2/4/11
	Date
IN TESTIMONY WHEREOF, the Assignee h	as caused this Assignment to be signed and
executed by the undersigned officer thereunto	
2011.	
	5.16.7
	Mittal
	Thomas J. Furst Title: Senior Vice President of Finance
	SRI International
	"Assignee"/"SRI"
	CATHERINE A. LESECT
	Printed Name of Witness
	$=$ $\mathcal{J}$ $\mathcal{O}$ $-$
	Signature of Witness
	1/28/11

Date

# EXHIBIT A U.S. PATENTS APPLICATIONS AND PATENTS

	Title	Parameterized Quantization Matrix Adaptation For Video Encoding	Encoding/Decoding System For Coherent Signal Interference Reduction	Treating Non-Zero Quantized Transform Coefficients As Zeros During Video	Region-Based Refresh Strategy For Video Compression	Method For Determining An Optimal Partitioning Of Data Among Several Memories	Noise Spectrum Tracking For Speech Enhancement	Frame-Level Rate Control For Plug-In Video Codecs	Method And Apparatus For Detecting Salient Motion Using Optical Flow	Pharmaceutical Product	Computer System For Statistical Multiplexing Of Bitstreams	Method And Apparatus For Performing Geo-Spatial Registration Using A Euclidean	Kepresentation	Optical Signal Generator	Bitstream Testing Method And Apparatus Employing Embedded Reference Data	Method And Apparatus For Tracking Multiple Objects In A Video Sequence	Method And Apparatus For Detecting Independent Motion In Three-Dimensional Scenes	Method And Apparatus For Estimating Scene Structure And Ego-Motion From Multiple Images Of A Scene Using Correlation	Long Persistence Alkaline Earth Sulfide Phosphors	Asymmetric, Gradient-Potential, Space-Saving Cathode Ray Tube	Asymmetric Space-Saving Cathode Ray Tube With Magnetically Deflected Electron Beam
	Patent No.(if applicable)	6,546,049	6,452,980	6 263 021		6,757,892	Т	6,526,097	6,303,920	6,303,143	6,754,241		Т	6,970,654	6,891,565	6,879,705	6,353,678	6307.959	l.	6,476,545	6,674,230
	Filing Date (mm/dd/yy)	09/28/99	01/10/00	03/04/00	01/08/99	06/23/00	12/15/99	09/02/99	11/04/99	06/10/98	01/02/00	00,00,00	00/87/00	08/02/00	00/90/90	07/14/00	02/13/00	02/13/00	10/13/99	04/28/00	04/13/00
	Patent Appl. No.	09/406352	09/480776	09/262042	09/227520	09/603172	09/464663	69/388653	09/434028	09/095616	09/478128	1.0000	09/605915	09/633671	09/588276	09/615971	09/614690	09/616005	09/417940	09/561536	09/615848
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Country	SN	SN	511	SN	SN	Sn	SN	SN	SO	SO	ţ	SO O	ΩS	SN	US	SO	SΩ	SN	SN	SN
	Atty, Ref. No.	18703-0288	18703-0291	18703_0795	18703-0296	18703-0311	18703-0314	18703-0317	18703-0318	18703-0319	18703-0321		18/03-0322	18703-0324	18703-0329	18703-0333	18703-0334	18703-0335	18703-0336	18703-0337	18703-0338

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**RECORDED: 01/17/2014**