

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	01/01/2011
CONVEYING PARTY DATA	
Name	Execution Date
Sarnoff Corporation	02/04/2011
RECEIVING PARTY DATA	
Name:	SRI International
Street Address:	333 Ravenswood Avenue
City:	Menlo Park
State/Country:	CALIFORNIA
Postal Code:	94025
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	11943645
Application Number:	12695533
Application Number:	12758507
CORRESPONDENCE DATA	
Fax Number:	6097342870
Phone:	650-859-3564
Email:	laleh.shayesteh@sri.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Laleh Shayesteh
Address Line 1:	333 Ravenswood Avenue
Address Line 4:	Menlo Park, CALIFORNIA 94025
ATTORNEY DOCKET NUMBER:	15536-15632-15644
NAME OF SUBMITTER:	Laleh Shayesteh

CH \$120.00 11943645

Total Attachments: 6

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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

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.

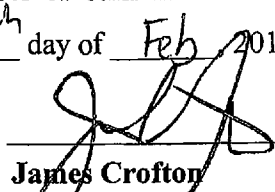
Sarnoff authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to record SRI as owner/co-owner of the Patents, including any reissues, divisions, continuations, continuations-in-part, 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 Assignor has caused this Assignment to be signed and executed by the undersigned officer of Sarnoff at the time of the Transfer Agreement thereunto duly authorized this 21st day of Feb 2011.



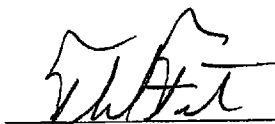
James Crofton
Title:
Sarnoff Corporation
"Assignor"/"Sarnoff"

Lisa Treshock
_____ Printed Name of Witness

Lisa Treshock
_____ Signature of Witness

2/4/11
_____ Date

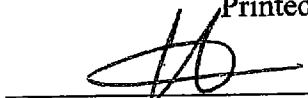
IN TESTIMONY WHEREOF, the Assignee has caused this Assignment to be signed and executed by the undersigned officer thereunto duly authorized this 28 day of January 2011.



Thomas J. Furst
Title: Senior Vice President of Finance
SRI International

"Assignee"/"SRI"

CATHERINE A. LESSEL
_____ Printed Name of Witness


_____ Signature of Witness

1/28/11
_____ Date

EXHIBIT A
U.S. PATENTS APPLICATIONS AND PATENTS

Atty. Ref. No.	Country	Patent Appl. No.	Filing Date (mm/dd/yy)	Patent No. (if applicable)	Title
18703-2083	US	12/758,507	04/12/10		Pot Invariant Vessel Fingerprinting
18703-2086	US	12/844,060	07/27/10		Ring Pixel for CMOS Imagers
18703-2087	US	12/844,066	07/27/10		SOI-Based CMOS Imagers Employing Flash Gate/Chemisorption Processing
18703-2088	US	61/321,380	04/06/10		LIDAR-based Door and Stair Detection from a Mobile Robot
18703-2089	US	12/788,687	05/27/10		Improved Optical Image Systems
18703-2094	US	61/329,286	04/29/10		Vertically Coupled Large Area Laser Structure and Modal Design
18703-2095	US	61/351,052	06/03/10		CMOS Imager with Companded Column Signals
18703-2095	US	61/347,972	05/25/10		CMOS Imager with Companded Column Signals
18703-2096	US	61/353,774	06/11/10		Effective Dead Pixel Concealment in Pyramid or Wavelet Domain
18703-2097	US	61/354,376	06/14/10		Subspace Analysis of Hyperspectral Data
18703-2098	US	61/355,775	06/17/10		Standards-Compliant Mathematically Lossless Region of Interest Encoding
18703-2099	US	61/358,921	06/27/10		Improvements to CMOS Imagers
18703-2100	US	61/364,160	07/14/10		Multi-Modal Sensor Fusion Method for Ubiquitous Infrastructure-Free Localization in Vision-Impaired Environments
18703-2104	US	61/376,754	08/25/10		Sensor With Image Processing
18703-2105	US	61/376,758	08/25/10		Night Vision CMOS Imager With Optical Pixel Cavity
18703-2106	US	61/376,771	08/25/10		Multi-Modal Sensor Fusion Algorithm for Ubiquitous Infrastructure-free Localization in Vision-Impaired Environments
18703-2107	US	61/379,504	09/02/10		Audio Based Robot Control and Navigation
18703-2108	US	12/892,048	09/28/10		A 3D Model Based Method For Detecting and Classifying Vehicles in Aerial Imagery
18703-2109	US	12/913,861	10/28/10		P-Pixel CMOS Imagers Using Ultra-Thin Silicon on Insulator Substrates (UTSOI)
18703-2114	US	61/407,993	10/29/10		Non-Linear Analog-To-Digital Converter for CMOS Imagers
18703-2115	US	61/409,311	11/02/10		

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Atty. Ref. No.	Country	Patent Appl. No.	Filing Date (mm/dd/yy)	Patent No. (if applicable)	Title
18703-1610	US	11/521,830	09/15/06		Methods and Systems for Mixed Spatial Resolution Video Compression
18703-1616	US	11/524,134	09/20/06		METHOD AND APPARATUS FOR PERFORMING COORDINATED MULTI-PTZ CAMERA TRACKING
18703-1652	US	11/498,530	08/03/06		Hearing Aid With Large Diaphragm Microphone Element Including a Printed Circuit Board
18703-1658	US	12/091,875	10/30/06		ERRORS VISIBILITY ENHANCEMENT METHODS FOR VIDEO TESTING
18703-1683	US	11/561,887	11/20/06		Systems and Methods for Digital Stream Denoising
18703-1688	US	11/949,433	12/03/07		Unified Framework for Precise Vision Aided Navigation
18703-1701	US	11/662,841	07/25/08		Method and Apparatus for Capture and Distribution of Broadband Data
18703-1749	US	11/763,559	06/15/07		Moving Target Indication In The Presence Of Strong Parallax
18703-1750	US	11/739,068	04/23/07		Object Detection And Tracking And Roadway Awareness Using Stereo Cameras
18703-1763	US	11/762,400	06/13/07		Learning Exemplar-Based Categorization for the Detection of Multi-View Multi-Pose Objects
18703-1806	US	11/852,632	09/10/07		An integrated sensor processor for high performance video imaging
18703-1823	US	11/873,151	10/16/07		New statistical method for scene-based nonuniformity corrections
18703-1824	US	11/860,650	09/25/07		Long baseline structure from motion for passive mid-range sensing
18703-1834	US	11/943,645	11/21/07		Cancorder Jamming Techniques Using High Frame Rate Displays
18703-1845	US	12/128,890	05/29/08		Gain Matching for Electron Multiplication Imager
18703-1851	US	11/934,417	11/02/07		Electrochemical Power Source Designs And Components
18703-1862	US	12/203,322	09/03/08		Camera Egomotion Estimation in Infra-Red Image Sequence for Night Vision
18703-1866	US	12/138,027	06/12/08		Building Segmentation for Densely Built Urban Using Aerial LIDAR Data

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18703-2049	US	12/488,911	06/22/09		Real-Time Action Detection and Classification
18703-2050	US	12/489,667	06/23/09		A System and Method for Multi-Agent Event Detection and Recognition
18703-2056	US	12/606,581	10/27/09		System and Method for generating a Mixed Reality Environment
18703-2065	US	12/578,440	10/13/09		System and Method of Detecting Objects
18703-2067	US	12/579,623	10/15/09		Method of Fabricating Back-Illuminated Imaging Sensors
18703-2068	US	12/604,298	10/22/09		System and Method for Object Detection from a Moving Platform
18703-2069	US	12/644,707	12/22/09		High-Quality Region-Of-Interest Compression Using Commercial Off-the-Shelf Encoders
18703-2071	US	12/695,533	01/28/10		Method and System For Performing Data Integrity Verification of a Transport Stream
18703-2072	US	12/683,124	01/06/10		Food Recognition Using Visual Analysis and Speech Recognition
18703-2075	US	12/704,189	02/11/10		Active Coordinated Tracking For Multi-Camera Systems
18703-2084	US	12/766,219	04/23/10		Weapon Identification Using Acoustic Signatures in Varying Capture Conditions
18703-2090	US	12/760,895	04/15/10		Dark Current Reduction in Back-Illuminated Imaging Sensors
18703-2092	US	12/770,118	04/29/10		Methods and systems for biometric identification
18703-0150	US	08/864322	05/28/97	6,137,834	Method And Apparatus For Splicing Compressed Information Streams
18703-0151	US	08/996871	12/23/97	6,038,000	Information Stream Syntax for Indicating The Presence Of A Splice Point
18703-0157	US	09/631229	08/02/00	7,020,353	Extended Dynamic Range Imaging System And Method
18703-0182	US	08/864326	05/28/97	6,101,195	Timing Correction Method And Apparatus
18703-0184	US	08/864325	05/28/97	6,061,399	Method And Apparatus For Information Stream Frame Synchronization
18703-0404	US	10/216918	08/12/02	6,985,163	Color Display Device
18703-0591	US	11/224909	09/13/05		Sensor For Sensing An Electric Field
18703-0592	US	11/224910	09/13/05		Method For Sensing An Electric Field
18703-0680	US	60/728168	10/19/05		Stray Voltage Detector With Video GUI

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