

PATENT ASSIGNMENT

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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: 9

Property Type	Number
Patent Number:	6064705
Patent Number:	6075443
Patent Number:	6757892
Patent Number:	6754241
Patent Number:	7380938
Patent Number:	7366361
Patent Number:	7376319
Patent Number:	7378634
Patent Number:	7363157

CORRESPONDENCE DATA

Fax Number: (609)734-2870
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 6508593564
 Email: laleh.shayesteh@sri.com

CH \$360.00 6064705

Correspondent Name: Laleh Shayesteh
Address Line 1: 333 Ravenswood Avenue
Address Line 4: Menlo Park, CALIFORNIA 94025

ATTORNEY DOCKET NUMBER: ASSIGNMENTS 062911

NAME OF SUBMITTER: Laleh Shayesteh

Total Attachments: 9
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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--

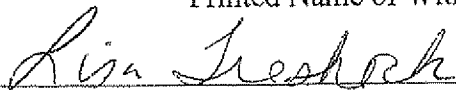
IN TESTIMONY WHEREOF, the Assignor has caused this Assignment to be signed and executed by the undersigned officer of Sarnoff at the time of the Transfer Agreement thereunto duly authorized this 21st day of Feb 2011.



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

Lisa Treshock

Printed Name of Witness



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.

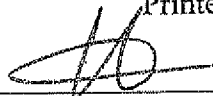


Thomas J. Furst
Title: Senior Vice President of Finance
SRI International

"Assignee"/"SRI"

CATHERINE A. LESSOL

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
18703-0123	US	08/597302	02/06/96	5,731,839	Bitstream For Evaluating Predictive Video Decoders And A Method Of Generating Same
18703-0124	US	08/838096	04/15/97	5,963,675	Pipelined Pyramid Processor For Image Processing Systems
18703-0125	US	09/411131	10/04/99	6,567,564	Pipelined Pyramid Processor For Image Processing Systems
18703-0126	US	10/272105	10/16/02	6,647,150	Parallel Pipeline Image Processing System
18703-0128	US	08/950709	10/15/97	5,908,755	A Sequential Step Method For Sequencing And Identifying Polynucleotides
18703-0129	US	08/595147	02/01/96	5,798,788	Method And Apparatus For Evaluating Field Display Functionality Of A Video Decoder
18703-0131	US	08/604631	02/21/96	5,706,002	Method And Apparatus For Evaluating The Syntax Elements For DCT Coefficients Of A Video Decoder
18703-0132	US	08/797911	02/10/97	6,049,619	Method And Apparatus For Detecting Moving Objects In Two- And Three-Dimensional Scenes
18703-0133	US	08/798857	02/11/97	6,192,145	Method And Apparatus For Three-Dimensional Scene Processing Using Parallax Geometry Of Pairs Of Points
18703-0134	US	08/660300	06/07/96	5,767,746	Method And Apparatus For Adjusting Phase-Lock-Loop Parameters
18703-0135	US	08/864321	05/28/97	6,181,383	Method and Apparatus For Preserving Synchronization Of Audio And Video Presentation When Splicing Transport Streams
18703-0136	US	08/816457	03/12/97	6,233,256	Method And Apparatus For Analyzing And Monitoring Packet Streams
18703-0137	US	09/783804	02/15/01	6,950,447	Method And Apparatus For Analyzing And Monitoring Packet Streams
18703-0138	US	08/663688	06/14/96	5,914,229	Method For Amplifying A Polynucleotide
18703-0139	US	08/869589	06/05/97	7,113,539	Method And Apparatus For Performing Bandedge Equalization
18703-0146	US	08/850740	05/02/97	5,891,361	Method For Preparing Small Particle Size Fluoride Up-Converting Phosphors
18703-0147	US	08/665208	06/14/96	5,912,124	Padlock Probe Detection
18703-0148	US	08/914940	08/20/97	6,064,705	Manchester Encoding And Decoding System

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U.S. PATENTS APPLICATIONS AND PATENTS

Atty. Ref. No.	Country	Patent Appl. No.	Filing Date (mm/dd/yy)	Patent No. (if applicable)	Title
18703-0255	US	09/295526	04/21/99	6,496,607	Method And Apparatus For Region-Based Allocation Of Processing Resources And Control Of Input Image Formation
18703-0256	US	10/317697	04/21/99	6,917,719	Method And Apparatus For Region-Based Allocation Of Processing Resources And Control Of Input Image Formation
18703-0257	US	09/259661	02/26/99	6,099,754	Long Persistence Red Phosphors
18703-0258	US	09/127265	07/31/98	6,075,443	Wireless Tether
18703-0259	US	09/212025	12/15/98	6,256,423	Intra-Frame Quantizer Selection For Video Compression
18703-0263	US	09/183267	10/30/98	6,735,530	Computational Protein Probing To Identify Binding Sites
18703-0265	US	09/095246	06/10/98	6,063,194	Dry Powder Deposition Apparatus
18703-0266	US	09/531639	03/21/00	6,511,712	Methods using dry powder deposition apparatuses
18703-0267	US	10/305452	11/27/02	6,720,024	Methods Using Dry Powder Deposition Apparatuses
18703-0268	US	09/085410	05/27/98	6,040,774	Locating System And Method Employing Radio Frequency Tags
18703-0270	US	09/274064	03/22/99	6,211,913	Apparatus And Method For Removing Blank Areas From Real-Time Stabilized Images By Inserting Background Information
18703-0271	US	08/980684	12/01/97	6,055,322	Method And Apparatus For Illuminating And Imaging Eyes Through Eyeglasses Using Multiple Sources of Illumination
18703-0273	US	09/217315	12/21/98	6,313,452	A Microscopy System Utilizing A Plurality Of Images For Enhanced Image Processing Capabilities
18703-0275	US	09/100853	06/19/98	6,208,765	Method And Apparatus For Improving Image Resolution
18703-0276	US	09/191217	11/12/98	6,167,417	Convolutional Blind Source Separation Using A Multiple Decorrelation Method
18703-0277	US	09/562407	05/01/00	6,839,371	Combined Single-Frequency Laser And Linear Amplifier
18703-0282	US	09/336319	06/18/99	6,571,024	Method And Apparatus For Multi-View Three Dimensional Estimation
18703-0283	US	09/184906	11/03/98	6,014,237	Multiwavelength Mode-Locked Dense Wavelength Division Multiplexed Optical Communication Systems
18703-0287	US	09/215018	12/17/98	6,305,777	Apparatus And Method For Droplet Measurement Of A Liquid Droplet

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U.S. PATENTS APPLICATIONS AND PATENTS

Atty. Ref. No.	Country	Patent Appl. No.	Filing Date (mm/dd/yy)	Patent No. (if applicable)	Title
18703-0288	US	09/406352	09/28/99	6,546,049	Parameterized Quantization Matrix Adaptation For Video Encoding
18703-0291	US	09/480776	01/10/00	6,452,980	Encoding/Decoding System For Coherent Signal Interference Reduction
18703-0295	US	09/262042	03/04/99	6,263,021	Treating Non-Zero Quantized Transform Coefficients As Zeros During Video Compression Processing
18703-0296	US	09/227520	01/08/99	6,304,295	Region-Based Refresh Strategy For Video Compression
18703-0311	US	09/603172	06/23/00	6,757,892	Method For Determining An Optimal Partitioning Of Data Among Several Memories
18703-0314	US	09/464663	12/15/99	6,289,309	Noise Spectrum Tracking For Speech Enhancement
18703-0317	US	09/388653	09/02/99	6,526,097	Frame-Level Rate Control For Plug-In Video Codecs
18703-0318	US	09/434028	11/04/99	6,303,920	Method And Apparatus For Detecting Salient Motion Using Optical Flow
18703-0319	US	09/095616	06/10/98	6,303,143	Pharmaceutical Product
18703-0321	US	09/478128	01/05/00	6,754,241	Computer System For Statistical Multiplexing Of Bitstreams
18703-0322	US	09/605915	06/28/00	6,587,601	Method And Apparatus For Performing Geo-Spatial Registration Using A Euclidean Representation
18703-0324	US	09/633671	08/07/00	6,970,654	Optical Signal Generator
18703-0329	US	09/588276	06/06/00	6,891,565	Bitstream Testing Method And Apparatus Employing Embedded Reference Data
18703-0333	US	09/615971	07/14/00	6,879,705	Method And Apparatus For Tracking Multiple Objects In A Video Sequence
18703-0334	US	09/614690	07/13/00	6,353,678	Method And Apparatus For Detecting Independent Motion In Three-Dimensional Scenes
18703-0335	US	09/616005	07/13/00	6,307,959	Method And Apparatus For Estimating Scene Structure And Ego-Motion From Multiple Images Of A Scene Using Correlation
18703-0336	US	09/417940	10/13/99	6,379,584	Long Persistence Alkaline Earth Sulfide Phosphors
18703-0337	US	09/561536	04/28/00	6,476,545	Asymmetric, Gradient-Potential, Space-Saving Cathode Ray Tube
18703-0338	US	09/615848	07/13/00	6,674,230	Asymmetric Space-Saving Cathode Ray Tube With Magnetically Deflected Electron Beam

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18703-0434	US	10/104752	03/22/02	6,670,745	Cathode Ray Tube Deflection Yoke
18703-0436	US	10/160782	05/30/02	6,653,009	Improved Solid Oxide Fuel Cells And Interconnectors
18703-0437	US	10/124337	04/17/02	7,006,151	Video Streams For Closed Caption Testing And The Like
18703-0438	US	10/818,307	04/05/04	7,599,524	Method And Apparatus For Providing A Robust Object Finder
18703-0439	US	10/134358	04/26/02	6,674,950	Optical Waveguide Crossing And Method Of Making Same
18703-0440	US	10/134672	04/26/02	6,788,721	Photonic Integrated Circuit (PIC) And Method For Making Same
18703-0441	US	10/124335	04/17/02	7,034,863	Video Streams For Closed Caption Testing And The Like
18703-0442	US	10/845820	05/14/04	7,230,244	Method And Apparatus For The Detection Of Terahertz Radiation Absorption
18703-0447	US	10/383446	03/07/03	6,765,442	RF Pulse Power Amplifier
18703-0449	US	10/386252	03/11/03	7,130,178	Corona Charging Device And Methods
18703-0450	US	10/315291	12/09/02	6,847,728	Dynamic Depth Recovery From Multiple Synchronized Video Streams
18703-0451	US	10/191397	07/08/02	7,509,241	Method And Apparatus For Automatically Generating A Site Model
18703-0457	US	10/366441	02/13/03	7,592,276	Woven Electronic Textile, Yarn and Article
18703-0458	US	10/431763	05/08/03	7,144,830	Plural Layer Woven Electronic Textile, Article And Method
18703-0464	US	10/383380	03/07/03	7,008,547	Solid Phase Sensors
18703-0465	US	10/216936	08/12/02	6,888,984	Amorphous Silicon Alloy Based Integrated Spot-Size Converter
18703-0470	US	10/809471	03/25/04	7,380,938	Apparatus To Detect And Measure Saccade And Pupillary Changes
18703-0471	US	10/792073	03/03/04	7,366,361	Video Registration Based On Local Prediction Errors
18703-0476	US	10/763982	01/23/04	6,943,892	Instrument Having A Multi-Mode Optical Element And Method
18703-0477	US	10/763999	01/23/04	6,836,597	Scannable Mirror Arrangement For An Interferometer
18703-0480	US	10/638984	08/12/03	7,385,626	Method And System For Performing Surveillance
18703-0482	US	10/798726	03/11/04	7,359,526	Method And Apparatus For Determining Camera Pose From Point Correspondences

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U.S. PATENTS APPLICATIONS AND PATENTS

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18703-0486	US	10/617231	07/10/03	7,321,669	Method And Apparatus For Refining Target Position And Size Estimates Using Image and Depth Data
18703-0487	US	10/461699	06/13/03	7,263,209	Vehicular Vision System
18703-0488	US	11/250181	10/13/05	7,706,571	Flexible Layer Tracking With Weak Online Appearance Model
18703-0490	US	10/945251	09/20/04	7,416,902	Method And Apparatus For Airborne Particle Sorting
18703-0495	US	10/825946	04/16/04	7,242,460 B2	Method And Apparatus For Automatic Registration And Visualization Of Occluded Targets Using Ladar Data
18703-0499	US	10/859553	06/01/04	7,164,699	Compact, High-Power, Low-Jitter, Semiconductor Modelocked Laser Module
18703-0501	US	11/068477	02/28/05	7,181,109	Photonic Device And Method For Making Same
18703-0505	US	10/766,976	01/29/04	7,660,436	Stereo-Vision Based Imminent Collision Detection
18703-0506	US	10/813768	03/31/04	7,068,815	Method And Apparatus For Ground Detection And Removal In Vision Systems
18703-0507	US	10/819870	04/07/04	6,956,469	Method And Apparatus For Pedestrian Detection
18703-0508	US	10/900156	07/27/04	7,436,789	Ad Hoc Wireless Node And Network
18703-0509	US	11/030,009	01/05/05	7,400,207	Anodically Bonded Cell, Method For Making Same And Systems Incorporating Same
18703-0511	US	10/847678	05/17/04	7,107,088	Pulse Oximetry Methods And Apparatus For Use Within An Auditory Canal
18703-0513	US	10/851789	05/21/04	7,309,540	Electrochemical Power Source Designs And Components
18703-0516	US	10/930,735	08/30/04	7,403,659	Method And Apparatus For Differentiating Pedestrians, Vehicles, And Other Objects
18703-0518	US	10/939651	09/13/04	7,324,071	Segmented Character Display
18703-0521	US	10/975299	10/28/04	7,166,878	Image Sensor With Deep Well Region And Method Of Fabricating Same
18703-0522	US	11/152364	06/14/05	7,250,325 B2	Image Sensor With Deep Well Region And Method Of Fabricating The Image Sensor
18703-0525	US	11/140124	05/27/05	7,243,560	Method And Apparatus For Airborne Particle Collection
18703-0526	US	11/159,967	06/22/05	7,613,323	Method And Apparatus For Determining Camera Pose
18703-0529	US	11/149956	06/10/05	7,187,809	Method And Apparatus For Aligning Video To Three-Dimensional Point Clouds
18703-0530	US	11/002,403	12/02/04	7,376,319	Vertically-Coupled Large Area Amplifier

EXHIBIT A
U.S. PATENTS APPLICATIONS AND PATENTS

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18703-0531	US	11/013,087	12/15/04	7,486,803	Method And Apparatus For Object Tracking Prior To Imminent Collision Detection
18703-0533	US	09/766695	01/22/01	6,702,803	Multi-Step Drug Dosage Forms
18703-0539	US	11/070418	03/02/05	7,265,828	Spectroscopy Imager Methods And Apparatus Having Extended Dynamic Range
18703-0545	US	11/070566	03/02/05	7,103,213	Method And Apparatus For Classifying An Object
18703-0546	US	11/070,613	03/02/05	7,672,514	Method And Apparatus For Differentiating Pedestrians, Vehicles, And Other Objects
18703-0547	US	11/081,255	03/15/05	7,702,178	Method And Apparatus For Providing Noise Reduction
18703-0548	US	11/091186	03/28/05	7,082,249	Low Optical Overlap Model (LOOM) Waveguiding System And Method Of Making Same
18703-0549	US	10/927852	08/27/04	7,295,121	Methods And Apparatus For Aurally Presenting Notification Message In An Auditory Canal
18703-0552	US	11/189650	07/26/05	7,378,634	Imaging Methods And Apparatus Having Extended Dynamic Range
18703-0553	US	11/140,602	05/27/05	7,477,670	High Power Diode Laser Based Source
18703-0556	US	11/154354	06/16/05	7,369,585	Semiconductor Based Broad Area Optical Amplifier
18703-0558	US	11/152,889	06/15/05	7,382,898	Method and apparatus for detecting left objects
18703-0565	US	11/159,966	06/22/05	7,593,061	Method And Apparatus For Measuring And/Or Correcting Audio/Visual Synchronization
18703-0570	US	11/192,484	07/28/05	7,639,840	Method And Apparatus For Improved Video Surveillance Through Classification Of Detected Objects
18703-0573	US	11/350546	02/09/06	7,238,583	SOI For Back Illuminated CCD/CMOS Imagers
18703-0574	US	11/206,665	08/18/05	7,728,833	Method And Apparatus For Performing Three-Dimensional Computer Modeling
18703-0578	US	11/213660	08/26/05	7,466,860	Method And Apparatus For Classifying An Object
18703-0580	US	11/352434	02/10/06	7,363,157	Method And Apparatus For Performing Wide Area Terrain Mapping
18703-0588	US	11/295143	12/05/05	7,650,030	Method And Apparatus For Unsupervised Learning Of Discriminative Edge Measures For Vehicle Matching Between Non-Overlapping Cameras
18703-0595	US	11/314,954	12/21/05	7,623,676	Method And Apparatus For Tracking Objects Over A Wide Area Using A Network Of Stereo Sensors

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