

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sarnoff Corporation	12/18/2008

RECEIVING PARTY DATA

Name:	ASEV Display Labs
Street Address:	39 Tesla
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92618-4603

PROPERTY NUMBERS Total: 9

Property Type	Number
Patent Number:	5694491
Patent Number:	5738430
Patent Number:	6075884
Patent Number:	5974159
Patent Number:	5909516
Patent Number:	6137904
Patent Number:	6360022
Patent Number:	6654504
Patent Number:	6285797

CORRESPONDENCE DATA

Fax Number: (415)772-7400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: rpask@sidley.com

Correspondent Name: Alpha Wu

Address Line 1: 39 Tesla

Address Line 4: Irvine, CALIFORNIA 92618-4603

PATENT

500790855

REEL: 022309 FRAME: 0150

CH \$360.00 5694491

ATTORNEY DOCKET NUMBER:

31743-80907

NAME OF SUBMITTER:

Philip W. Woo

Total Attachments: 5

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EXECUTION COPY

SHORT FORM ASSIGNMENT

WHEREAS, Sarnoff Corporation, a New Jersey Corporation having offices at 201 Washington Road, Princeton, New Jersey 08540 ("Assignor"), owns (i) all right, title, and interest in the patent application and patents set forth in Exhibit A as not jointly owned, and (ii) an undivided one-half interest in the patents set forth in Exhibit A as jointly owned with Freescale (all patent applications and patents listed in Exhibit A collectively referred to as the "Patents"), and any inventions claimed or described therein; and

WHEREAS, ASEV Display Labs, a California company having offices at 39 Tesla, Irvine, CA 92618-4603 ("Assignee"), desires to acquire from Assignor, all of Assignor's right, title and interest in the Patents, and any invention claimed or described therein, in all countries throughout the world.

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers, and sets over to Assignee, its lawful successors and assigns, Assignor's entire right, title, and interest in and to the Patents, any inventions claimed or described therein, any other patent applications (including divisional and continuation applications) directed to any such inventions, and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such applications, and all applications for Letters Patent that may be filed for any such invention in any other country and all Letters Patent that may be granted on any such invention in any other country, all extensions, renewals, and reissues of any of the foregoing, and all rights to sue and collect damages for past and present infringement of any of the foregoing.

Assignor hereby furthermore authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for any such inventions to Assignee, its successors and assigns, in accordance with the terms of this assignment.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this assignment.

SARNOFF CORPORATION

ASEV DISPLAY LABS

By: [Signature]
Name: Robert J. Levin
Title: VP
Date: 12-18-08

By: [Signature]
Name: Alpha Wu
Title: CEO
Date: 12-23-2008

SFI 1516429v.1 31743/00907

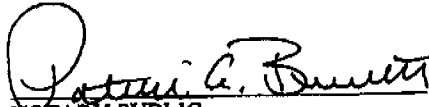
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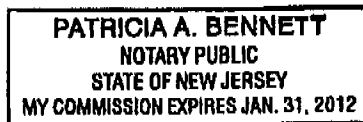
PATENT
REEL: 022309 FRAME: 0152

STATE OF NEW JERSEY)
) ss.
County OF Mercer)

On December 18, 2008, before me, the undersigned, a Notary Public in and for the State of New Jersey, personally appeared Robert D. Levin, an individual personally known to me or proved to me on the basis of satisfactory evidence to be the individual that executed the attached Patent Assignment on behalf of the Sarnoff Corporation.

WITNESS my hand and official seal.


NOTARY PUBLIC



EXECUTION COPY

EXHIBIT A

ASSIGNED PATENTS AND ENCUMBRANCES

SFI 1316429v.1 31743/00907

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PATENT
REEL: 022309 FRAME: 0154

SAR No.	Sub-Case	Title	Status	Country	Contract No.	Patent No.	Issue Date	App. No.	Filing Date	Pub. No.
11804		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	US	U.S. Govt. ¹ ; Tektronix	5964481	12/2/87	08-658015	6/17/86	
12138		Method And Apparatus For Predicting Retinal Blurring	Granted	US	Tektronix	5734430	4/1/88	08-683725	8/7/86	
12144		Method And Apparatus For Training A Neural Network To Learn And Use Fidelity Metrics As A Control Mechanism	Granted	US	Tektronix	6075884	8/13/00	08-621161	3/28/87	
12145		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	DE	Tektronix	69726567.5	12/3/03	97919889.1	3/3/87	0880764
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	FR	Tektronix	0896764	12/3/03	97919889.1	3/3/87	0880764
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	GB	Tektronix	0896764	12/3/03	97919889.1	3/3/87	0880764
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	IT	Tektronix	0896764	12/3/03	97919889.1	3/3/87	0880764
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	JP	Tektronix	4047305	11/30/07	08-536337	3/3/87	
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	KR	Tektronix	378617	3/20/03	98-707114	3/3/87	
12146		Method And Apparatus For Assessing The Visibility Of Differences Between Two Image Sequences	Granted	US	Tektronix	5574159	10/26/98	08-828516	3/28/87	
12147		Method And Apparatus For Decomposing An Image Stream Into Units Of Local Contrast	Granted	KR	U.S. Govt. ² ; Tektronix	347202	7/22/02	98-707115	7/22/02	
12147		Method And Apparatus For Decomposing An Image Stream Into Units Of Local Contrast	Granted	US	U.S. Govt. ² ; Tektronix	5908515	6/1/98	08-828540	3/28/87	
12475	A	Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Published	EP	U.S. Govt. ² ; Tektronix			00913634.2	2/25/00	1157154
12475		Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Pending	JP	U.S. Govt. ² ; Tektronix			10-543023	4/6/98	01-619850

1. Contract Nos. NAS2-13659 and NAS-13505 (NASA)

2. Contract No. 70N04MBP-1179 (NIST)

NOTE: Certain portions of the JNO portfolio are subject to non-exclusive JNO software licenses with Tektronix and Video Quality Corp.

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SNR No.	SubCase	Title	Status	Country	Nonexcl. Lic.	Patent No.	Issue Date	App. No.	Filing Date	Pub. No.
12475	A	Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Pending	JP	U.S. Govt. ² ; Teltronix			00-601559	2/25/00	
12475		Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Granted	KR	U.S. Govt. ² ; Teltronix	574595	4/21/05	99-7109116	4/5/99	
12475		Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Granted	US	U.S. Govt. ² ; Teltronix	6137904	10/24/00	09/055076	4/2/98	
12475	A	Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Granted	US	U.S. Govt. ² ; Teltronix	6360022	3/19/02	09/512412	2/24/00	
12475	B	Method And Apparatus For Assessing The Visibility Of Differences Between Two Signal Sequences	Granted	US	U.S. Govt. ² ; Teltronix	6664504	11/25/03	09/902550	9/25/01	2002003127
13542		Method And Apparatus For Estimating Digital Video Quality Without Using A Reference Video	Published	EP				00929623	4/13/00	1169669
13542		Method And Apparatus For Estimating Digital Video Quality Without Using A Reference Video	Pending	JP				00-611508	4/13/00	
13542		Method And Apparatus For Estimating Digital Video Quality Without Using A Reference Video	Granted	US		6295797	9/4/01	09/543753	4/5/00	

1. Continued Nos. 1452-1369 and 1453-13625 (MUSA)

2. Continued No. 10NANISH1178 (NIST)

NOTE: Certain portions of the AND portfolio are subject to non-exclusive JNC7 software licenses with Teltronix and Video Clarity Corp.

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