

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Faroudja Laboratories, Inc.	03/13/2009
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State/Country:	DELAWARE
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<b>PROPERTY NUMBERS Total: 4</b>	
Property Type	Number
Patent Number:	6580463
Patent Number:	6859237
Patent Number:	7522221
Application Number:	12325825
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**PATENT  
 REEL: 023699 FRAME: 0760**

**Total Attachments: 9**

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## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Faroudja Laboratories, Inc., a corporation organized under the laws of California, having an office at 1310 Electronics Drive, Carrollton, TX 75006 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Tamiras Per Pte. Ltd., LLC, a Delaware limited liability company, with an address at 160 Greentree Drive, Suite 101, Dover, DE 19904 ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

(b) all patents and patent applications, excluding the provisional patent applications, patent applications and patents listed in Table 2 below, (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceedings brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);

(g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventor(s)</u>
6,014,182 (08/948,841)	US	1/11/2000 (10/10/1997)	Film Source Video Detection Swartz, Peter D.
DE69833676 (DE98952236.2)	DE	3/1/2006 (10/9/1998)	Film Source Video Detection (Title in German: Filmquellenvideodetektion) Swartz, Peter D.
FR0945000 (FR98952236.2)	FR	3/1/2006 (10/9/1998)	Film Source Video Detection Swartz, Peter D.
GB0945000 (GB98952236.2)	GB	3/1/2006 (10/9/1998)	Film Source Video Detection Swartz, Peter D.
JP11-522522	JP	10/9/1998	Film Source Video Detection Swartz, Peter D.
JP2007-314605	JP	12/5/2007	Film Source Video Detection Swartz, Peter D.
6,201,577 (09/440,678)	US	3/13/2001 (11/16/1999)	Film Source Video Detection Swartz, Peter D.
6,580,463 (09/780,057)	US	6/17/2003 (2/9/2001)	Film Source Video Detection Swartz, Peter D.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventor(s)</u>
6,859,237 (10/388,686)	US	2/22/2005 (3/14/2003)	Film Source Video Detection Swartz, Peter D.
12/325,825	US	12/1/2008	Film Source Video Detection Swartz, Peter D.
10/999,395	US	11/29/2004	Interlaced Video Field Motion Detection Peter D. Swartz
6,108,041 (08/948,539)	US	8/22/2000 (10/10/1997)	High-Definition Television Signal Processing For Transmitting And Receiving A Television Signal In A Manner Compatible With The Present System Faroudja, Yves C.; Swartz, Peter D.; Campbell, Jack J.
EP98949786.2	EP	10/6/1998	High-Definition Television Signal Processing For Transmitting And Receiving A Television Signal In A Manner Compatible With The Present System Faroudja, Yves C.; Swartz, Peter D.; Campbell, Jack J.
JP11-522276	JP	10/6/1998	High-Definition Television Signal Processing For Transmitting And Receiving A Television Signal In A Manner Compatible With The Present System Faroudja, Yves C.; Swartz, Peter D.; Campbell, Jack J.
6,133,957 (08/953,840)	US	10/17/2000 (10/14/1997)	Adaptive Diagonal Interpolation For Image Resolution Enhancement Campbell, Jack J.
DE69832963 (DE98953331.0)	DE	12/28/2005 (10/8/1998)	Adaptive Diagonal Interpolation For Image Resolution Enhancement (Title in German: Adaptive diagonale Interpolation zur Aufloesungsverbesserung) Campbell, Jack J.
FR0951693 (FR98953331.0)	FR	12/28/2005 (10/8/1998)	Adaptive Diagonal Interpolation For Image Resolution Enhancement Campbell, Jack J.
GB0951693 (GB98953331.0)	GB	12/28/2005 (10/8/1998)	Adaptive Diagonal Interpolation For Image Resolution Enhancement Campbell, Jack J.

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventor(s)</u>
JP11-522406	JP	10/8/1998	Adaptive Diagonal Interpolation For Image Resolution Enhancement  Campbell, Jack J.


Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at \_\_\_\_\_  
Carrollton on March 13, 2009

**ASSIGNOR:**

**FAROUDJA LABORATORIES, INC.**

By:   
Name: Steven Rose  
Title: Vice-President  
(Signature MUST be attested)


**ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. 1746**

The undersigned witnessed the signature of Steven Rose ("Assignor's Representative") to the above Assignment of Patent Rights on behalf of Faroudja Laboratories, Inc. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Assignor's Representative is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me to execute the above Assignment of Patent Rights on behalf of Faroudja Laboratories, Inc.
3. Assignor's Representative subscribed to the above Assignment of Patent Rights on behalf of Faroudja Laboratories, Inc.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on March 13, 2009 (date)

Signature:   
Print Name: Debbie Ramos

**TABLE 2  
EXCLUDED ASSETS**

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventor(s)</u>
5,225,910 (07/615,700)	US	7/6/1993 (11/20/1990)	Adaptive Operation Type Low Noise Television System Sugimori, Yoshio; Ito, Toshiya; Faroudja, Yves C.
JP2549025 (JPH03-096292)	JP	8/8/1996 (4/1/1991)	Adaptive Operation Type Low Noise Television System Sugimori, Yoshio; Ito, Toshiya; Faroudja, Yves C.
60/323,968	US	9/20/2001	Method and Apparatus for Synchronizing an Analog Video Signal to an LCD Monitor  Neal, Greg
7,034,815 (10/071,409)	US	4/25/2006 (2/8/2002)	Method And Apparatus For Synchronizing An Analog Video Signal To An LCD Monitor  Neal, Greg
11/264,261	US	10/31/2005	Method And Apparatus For Synchronizing An Analog Video Signal To An LCD Monitor  Neal, Greg
60/620,094	US	10/18/2004	Virtual extended display identification data (EDID)  Ali Noorbakhsh, David Keene, John Lattanzi, Ram Chilukuri
11/060,917	US	2/18/2005	Power Management in a display controller  Ali Noorbakhsh, David Keene, John Lattanzi, Ram Chilukuri
11/061,151	US	2/18/2005	Virtual extended display information data (EDID) in a flat panel controller  Ali Noorbakhsh, David Keene, John Lattanzi, Ram Chilukuri
11/061,165	US	2/18/2005	Method for acquiring extended display identification data (EDID) in a powered down EDID compliant display controller  Ali Noorbakhsh, David Keene, John Lattanzi, Ram Chilukuri
60/561,042	US	4/9/2004	LCD Overdrive Data Compression For Reducing Memory Bandwidth And Data Threshold For Keeping Video Quality  Wu, Che Ming; Wang, Vincent; Doung, Cheen
10/874,849	US	6/22/2004	Selective Use Of LCD Overdrive For Reducing Motion Artifacts In An LCD Device Wu, Che Ming; Wang, Vincent; Doung, Cheen



<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventor(s)</u>
60/532,427	US	12/23/2003	Recursive hierarchical motion compensated frame rate conversion  Hari N. Nair, Gordon Petrides, Peter Swartz, Steve Selby
7,346,109 (10/832,838)	US	3/18/2008 (4/26/2004)	Motion vector computation for video sequences  Nari N. Nair, Gordon Petrides
11/924,463	US	10/25/2007	Motion vector computation for video sequences  Hari N. Nair, Gordon Petrides
CN20041102089	CN	12/22/2004	Vector selection decision for pixel interpolation  Hari N. Nair, Gordon Petrides
EP20040257855	EP	12/16/2004	Motion compensated frame rate conversion  Hari N. Nair, Gordon Petrides
JP20040369560	JP	12/21/2004	Frame rate conversion for motion compensation Hari N. Nair, Gordon Petrides
KR20040100133	KR	12/2/2004	Motion compensated frame rate conversion  Hari N. Nair, Gordon Petrides
SG20040006853	SG	11/24/2004	Motion compensated frame rate conversion  Hari N. Nair, Gordon Petrides
60/170,607	US	12/14/1999	Method of Processing Data  Greicar, Richard K.
60/170,668	US	12/14/1999	Multi-Component Processor  Greicar, Richard K.
PCT/US2000/033117	WO	12/5/2000	Multi-Component Processor  Greicar, Richard K.
6,775,757 (09/678,857)	US	8/10/2004 (10/2/2000)	Multi-Component Processor  Greicar, Richard K.
10/875,364	US	6/23/2004	Multi-Component Processor  Greicar, Richard K.
4,982,280 (07/381,497)	US	1/1/1991 (7/18/1989)	Motion sequence pattern detector for video  Thomas C. Lyon, Jack J. Campbell
JP3187409 (JP02-187018)	JP	5/11/2001 (7/12/1990)	Motion sequence pattern detector  Thomas C. Lyon, Jack J. Campbell

## ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Faroudja Laboratories, Inc., a corporation organized under the laws of California, having an office at 1310 Electronics Drive, Carrollton, TX 75006 (“*Assignor*”), does hereby sell, assign, transfer, and convey unto Tamiras Per Pte. Ltd., LLC, a Delaware limited liability company, with an address at 160 Greentree Drive, Suite 101, Dover, DE 19904 (“*Assignee*”), or its designees, all of Assignor’s right, title, and interest which Assignor has, if any, in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the “*Certain Assets*”):

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and Inventors</u>
PCT/US98/021447	WO	10/9/1998	Film Source Video Detection Swartz, Peter D.
EP0945000 (EP98952236.2)	EP	3/1/2006 (10/9/1998)	Film Source Video Detection Swartz, Peter D.
11/154,993	US	6/15/2005	Film Source Video Detection Peter D. Swartz
PCT/US98/021072	WO	10/6/1998	High-Definition Television Signal Processing For Transmitting And Receiving A Television Signal In A Manner Compatible With The Present System Faroudja, Yves C.; Swartz, Peter D.; Campbell, Jack J.
PCT/US98/021282	WO	10/8/1998	Adaptive Diagonal Interpolation For Image Resolution Enhancement Campbell, Jack J.
EP0951693 (EP98953331.0)	EP	12/28/2005 (10/8/1998)	Adaptive Diagonal Interpolation For Image Resolution Enhancement Campbell, Jack J.

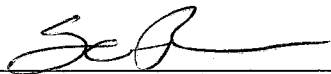
Assignor assigns to Assignee all of Assignor’s rights to the inventions, invention disclosures, and discoveries which Assignor has, if any, in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective mental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 13 day of March 2009.

**ASSIGNOR:**  
**FAROUDJA LABORATORIES, INC.**

By:   
Name: Steven Rose  
Title: Vice-President