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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

	Name	Execution Date
Acac	a Patent Acquisition LLC	10/27/2009

RECEIVING PARTY DATA

Name:	Video Enhancement Solutions LLC
Street Address:	6136 Frisco Square Blvd.
Internal Address:	Suite 400
City:	Frisco
State/Country:	TEXAS
Postal Code:	75034

PROPERTY NUMBERS Total: 49

Property Type	Number
Application Number:	09010446
Application Number:	09506728
Application Number:	11619893
Application Number:	11619913
Application Number:	11619926
Application Number:	11619938
Application Number:	11626561
Application Number:	11626570
Application Number:	11626583
Application Number:	11673260
Application Number:	11770260
Application Number:	11770324
Application Number:	11835174
Application Number:	11835195
	PATENT

REEL: 023494 FRAME: 0900

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Application Number:	11835209
Application Number:	11835230
Application Number:	11835243
Application Number:	11846629
Application Number:	11846685
Application Number:	11874976
Application Number:	11874979
Application Number:	11874983
Application Number:	11874993
Application Number:	11875020
Application Number:	11875046
Application Number:	11875056
Application Number:	11875068
Application Number:	11875082
Application Number:	11875093
Application Number:	12105305
Application Number:	12105307
Application Number:	12105312
Application Number:	12105315
Application Number:	12105317
Application Number:	12105322
Application Number:	12105324
Application Number:	12105332
Application Number:	12105342
Application Number:	12105347
Application Number:	12105362
Application Number:	12105370
Application Number:	09065577
Application Number:	11834312
Application Number:	11834347
Application Number:	11851517
Application Number:	11851529
Application Number:	11851551
Application Number:	09224901
Application Number:	12573531
	PATENT

REEL: 023494 FRAME: 0901

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 291-0000

NAME OF SUBMITTER: Daniel H. Sherr

Total Attachments: 7

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PATENT REEL: 023494 FRAME: 0902

ASSIGNMENT

WHEREAS, ACACIA PATENT ACQUISITION LLC, a Delaware limited liability company having a place of business at 500 Newport Center Drive, 7th Floor, Newport Beach, CA 92660 USA (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner of the entire right, title, and interest and assignee of the U.S. Patents listed in Exhibit A attached hereto;

AND WHEREAS, VIDEO ENHANCEMENT SOLUTIONS LLC, a Texas limited liability company having a place of business at 6136 Frisco Square Blvd., Suite 400, Frisco, TX 75034 USA (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said U.S. Patents listed in Exhibit A attached hereto and all the inventions therein, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from ASSIGNEE is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to U.S. Patents listed in Exhibit A attached hereto and all continuations, divisions, reexaminations, reissues and substitutes thereof, all inventions therein, including without limitation all rights to claim priority on the basis thereof, and any and all applications for patents which are or may hereafter be filed for this invention in any foreign country, and all extensions, renewals, and reissues thereof; and including without limitation, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

Assignor hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

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IN TESTIMONY WHEREOF, I hereunto set my hand this 27 May of October 20 09
ACACIA PATENT ACQUISITION LLC (Assignor)
By <u>F1R7</u>
Name Paul R. Ryan
Title Chairman & CEO
STATE OF COUNTY
WITNESS my hand and official seal. Comm. Express Jul 14, 2011 Signature of Notary

EXHIBIT A

THE PATENTS

Patent Application Number	Patent Number	TITLE
US09010446	US602 8 967	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US09506728	U\$7239755	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11619893	US7305142	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11619913	US7277593	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11619926	US7233706	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11619938	US7262886	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11626561	US7283681	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11626570	US7305143	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
ÚS11626583	US7283682	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11673260	US7289682	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11770260	US7391921	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE

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Patent Application Number	Patent Number	TITLE
ÚS11770324	US7359569	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11835174	US7394945	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11835195	US7362913	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11835209	US7362914	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11835230	US7391922	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
ÜS11835243	US7359570	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11846629	US7437015	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11846685	US7403667	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11874976	ÚS7379616	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11874979	US7391923	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11874983	US7406209	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11874993	US7391924	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE

Patent Application Number	Patent Number	TITLE
US11875020	US7379617	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11875046	US7382930	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11 8 75056	US7400780	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11875068	US7397965	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11875082	US7397966	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US11875093	US7397967	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105305		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
ÚŠ12105307		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105312		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105315		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105317	US7496239	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105322	US7492959	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE

Patent Application Number	Patent Number	TITLE
US12105324		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105332	US7463786	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105342	US74540 8 2	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105347		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105362	US7492961	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US12105370	US7499598	METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE
US09065577	US6240135	METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE
US11834312		METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE
US11834347		METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE
US11851517		METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE
US11851529		METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE
US11851551		METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE

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Patent Application Number	Patent Number	TITLE
US09224901	US6487318	METHOD OF RELOCATING WAVELET PACKET COEFFICIENT
US12573531		METHOD OF REDUCING A BLOCKING ARTIFACT WHEN CODING MOVING PICTURE

RECORDED: 11/10/2009