505747773 10/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5794586

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VLS COM LTD.	05/14/2008

RECEIVING PARTY DATA

Name:	SOMLE DEVELOPMENT, L.L.C.		
Street Address:	2711 CENTERVILLE ROAD		
Internal Address:	SUITE 400		
City:	WILMINGTON		
State/Country:	DELAWARE		
Postal Code:	19808		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Patent Number:	RE42148		

CORRESPONDENCE DATA

Fax Number: (425)679-0580

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: ivrecording@intven.com

INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL Correspondent Name:

Address Line 1: 3150 139TH AVENUE SE Address Line 2: BUILDING 4, FLOOR 3

Address Line 4: **BELLEVUE, WASHINGTON 98005**

NAME OF SUBMITTER:	JANICE L. GOEBEL	
SIGNATURE:	/Janice L. Goebel/	
DATE SIGNED:	10/30/2019	

Total Attachments: 8

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PATENT REEL: 050858 FRAME: 0237 505747773

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PATENT REEL: 050858 FRAME: 0238

NO. 2008/034 'なか

AUTHENTICATION OF SIGNATURE

אימות חתימה

I, the undersigned, Marc Rabin, Adv. Notary at 2 Weizmann Street, Tel Aviv, Israel, hereby certify that on May 14, 2008, there appeared before me Moshe Lnsky, Director, VLScom Ltd., whose identity was proved to me by Israel identity card number 052114501 issued by the Ministry of Interior at Herzliya, Israel, on August 17, 2000, and Zami Aberman, Director, VLScom Ltd., whose identity was proved to me by Israel identity card number 026014043 issued by the Ministry of Interior at Herzliya, Israel, on May 5, 2004, and signed of their own free will the attached document marked "A".

In witness whereof I hereby authenticate the signature of the said Signees.

My own signature and seal this May 14, 2008.

NIS 242.00 fees paid.

חותם הנוטריון Notary's seal אני החיימ, מרק רבין, עוייד, נוטריון, ברחוב ויצמן 2, תל אביב, ישראל, מאשר, כי ביום 14 במאי 2008, ניצבו בפני משה לוסקי, דירקטור, VL.Scom בעיימ, שזהותו הוכחה לי על-פי תעודת זהות ישראלית מספר 052114501 שניתנה מאת משרד הפנים בהרצליה ביום 17 באוגוסט VLScom, וזמי אברמן, דירקטור, VLScom בעיימ, שזהותו הוכחה לי על-פי תעודת בעיימ, שזהותו הוכחה לי על-פי תעודת משרד הפנים בהרצליה ביום 5 במאי מאת משרד הפנים בהרצליה ביום 5 במאי המצורף והמסומן באות יאיי.

ולראיה הנני מאמת את חתימתם של החותמים הנ"ל.

בחתימת ידי ובחותמי, היום, 14 במאי 2008.

שכר בסך 242.00 שקל חדש שולם.

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, VLS com Ltd., an Israeli company, with an office at 6 Hamatmid Str. Herzlia 46407, Israel ("Assignor"), does hereby sell, assign, transfer, and convey unto Somle Development, L.L.C., a Delaware limited liability company, having an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808("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 (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, and/or (iii) that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Patents;
- (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

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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

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Our Ref.	Country	Family Relationship	Serial No./Patent No.	Filing Date/Issue Date	File Status	Title
V-02- US	US	Foreign Filing of V-02-IL	09/524,618 6,473,532	14-Mar-00 29-Oct-02	Granted	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-02- US1	US	Continuation of V- 02-US	10/121,685 6,952,500	15-Apr-02 04-Oct-05	Granted	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-02- US2	US	Continuation of V- 02-US1	11/036,062 7,095,903	18-Jan-05 22-Aug-06	Granted	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-03- US	US	Conversion of Provisional	09/699,374 6,753,929	31-Oct-00 22-Jun-04	Granted	METHOD AND SYSTEM FOR REAL TIME MOTION PICTURE SEGMENTATION AND SUPERPOSITION Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
√-03- US1	US	Divisional of V-03- US	10/851,190	24-May-04	Pre- Examinati on	METHOD AND SYSTEM FOR REAL TIME MOTION PICTURE SEGMENTATION AND SUPERPOSITION Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-04- US	US	Original	09/748,248 6,744,818	27-Dec-00 01-Jun-04	Granted	METHOD AND APPARATUS FOR VISUAL PERCEPTION ENCODING Inventors: Vitaly S. Sheraizin, Semion M. Sheraizin

PATIENT REEL: 050850 FRANKE: 02524

V-06- US	US	Original	10/898,557	26-Jul-04	Pre- Examinat ion	ADAPTIVE IMAGE IMPROVEMENT Inventor: Semion M. Sheraizin, Vitaly S. Sheraizin
V-06- US1	US	Continuation in Part of V-06-US	11/027,674	03-Jan-05	Pre- Examinat ion	ADAPTIVE IMAGE IMPROVEMENT Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-07- US	us	Original	11/061,734	22-Feb-05	Pre- Examinat ion	ENHANCEMENT OF DECOMPRESSED VIDEO Inventors: Vitaly S. Sheraizin, Semion M. Sheraizin

- (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).

Assignor represents, warrants and covenants that:

- (1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and
- (2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

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.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without

* NOTA

limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

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 TEL AVIV 15RAEL on 14 MAY 2008

ASSIGNOR:

VLScom Ltd.

By: Name: MOSHE LUSKY ZAMI ARERMAN
Title: DIRECTOR PIRECTOR

(Signature MUST be attested)

ATTESTATION ZAMI ABERMAN

The undersigned witnessed the signature of <u>MOSHE LUSKY</u> to the above Assignment of Patent Rights on behalf of VLScom Ltd. 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.

ZAMI ABERMAN

2. MOSHE LUSKY is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 14 MAY, 2008 to execute the above Assignment of Patent Rights on behalf of VLScom Ltd.

3. NOSHE LUSKY subscribed to the above Assignment of Patent Rights on behalf of VLScom Ltd.

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

EXECUTED on 14 MAY 2008 (date)

Print Name:

ADVOCATE

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Page 5

PATENT BEEL: 050050 FRAME: 024

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, VLScom Ltd., an Israeli company, with an office at 6 Hamatmid Str. Herzlia 46407, Israel ("Assignor"), does hereby sell, assign, transfer, and convey unto Somle Development, L.L.C., a Delaware limited liability company, having an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("Assignee"), or its designees, the right, title, and interest 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"):

Our Ref.	Country	Family Relationship	Serial No.	Filing Date	Title
V-01-US	United States	Original	10/337,415	07-Jan-03	METHOD AND APPARATUS FOR IMPROVING MPEG PICTURE COMPRESSION
					Inventor: Vitaly S. Sheraizin, Semion M. Sheraizin
V-01-EP	Europe	Foreign Filing of V- 01-US	3028756.9	12-Dec-03	METHOD AND APPARATUS FOR IMPROVING MPEG PICTURE COMPRESSION
		01 00			Inventor: Vitaly S. Sheraizin, Semion M. Sheraizin
V-02-IL	Israel	Original	134182	23-Jan-00	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING
					Inventor: Semion M. Sheraizin, Vitaly S. Sheraizin
V-02-EPN	Europe	National Filing of PCT filing	1942829.1	23-Jan-01	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING
		PCT Ining			Inventor: Semion M. Sheraizin, Vitaly S. Sheraizin
PCT of V- 02 (EPLC	PCT	Foreign filing of V- 02-IL	PCT/IL01/00 065	23-Jan-01	METHOD AND APPARATUS FOR VISUAL LOSSLESS IMAGE SYNTACTIC ENCODING
file)		02-1L			Inventor: Semion M. Sheraizin, Vitaly S. Sheraizin
Provisional for V-03 (EPLC file)	United States	Original	60/214,439	28-Jun-00	METHOD AND APPARATUS FOR REAL TIME PICTURE SEGMENTATION AND SUPERPOSITION
					Inventor: Semion M. Sheraizin, Vitaly S. Sheraizin
V-05-US	United States	Original	10/889,221	13-Jul-04	AUTOMATIC ADAPTIVE GAMMA CORRECTION
					Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-05-PCT	PCT	Foreign Filing of V- 05-US	PCT/IL2005/ 000730	07-Jul-05	AUTOMATIC ADAPTIVE GAMMA CORRECTION
		VJ-00			Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-06-PCT	PCT	Foreign	PCT/IL2005/	07-Jul-05	ADAPTIVE IMAGE IMPROVEMENT

REEL: 059850 FRAWE: 0255

		Filing of V- 06-US and V-06-US1	000751		Inventors: Semion M. Sheraizin, Vitaly S. Sheraizin
V-07-PCT	PCT	Foreign Filing of V- 07-US	PCT/IL2006/ 000229	22-Feb-06	ENHANCEMENT OF DECOMPRESSED VIDEO Inventors: Vitaly S. Sheraizin, Semion M. Sheraizin

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries 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 patent office or governmental 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 $\frac{14}{2}$ day of $\frac{1}{2}$ day of $\frac{1}{2}$ 2008.

ASSIGNOR:

VLScom Ltd.

Name! <u>MuSHE LUS</u>

DIRECTOR

REECORDED:: 05/30/2009