Form PTO-1595 (Rev. 03/01) **OMB No. 0651-00**



M COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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U.S. Patent and Trademark Office



Tab settings → 103236762	▼ Atty Docket: 37112-215813
To the Honorable Commissioner of Patents and Trademarks: P	Please Record the attached original documents or copy thereof.
1. Name of conveying party(ies): Zhong ZHANG Li YU Haiying LIU Paul C. BREWER Andrew J. CHOSAK Himaanshu GUPTA Niels HAERING Omar JAVED Alan J. LIPTON Zeeshan RASHEED Péter L. VENETIANER Weihong YIN Liang Y. YU Additional name of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies) Name: OBJECTVIDEO, INC. Internal Address: Street Address: 11600 Sunrise Valley Drive, Suite 290
3. Nature of conveyance:	City: Reston State/Country: Virginia
☐ Assignment ☐ Merger	Zip: 20191
☐ Security Agreement ☐ Change of Name	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Other The Addition of Three Assignors for the Assignment Recorded on 08/24/2005, Reel/Frame: 016928/0920 Execution Date: May 16, May 13, May 13, May 21, May 16, May 13,	
May 13, May 13, May 13, May 13, May 13, May 16, and May 13, 2005, respectively	
11/098,579	eution date of the application by the first named inventor is: B. Patent No.(s)
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Michael A. Sartori 26694	7. Total fee (37 CFR 3.41) \$ 40.00
PATENT TRADEMARK OFFICE	☐ Enclosed
Name: VENABLE LLP	
Address: P.O. Box 34385	
	8. Deposit account number:
City: Washington State: D.C. Zip: 20043-9998	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Michael A. Sartori, Ph.D., Reg. No. 41,289 Name of Person Signing Significant Significant State of Person Signific	May 9, 2006 Date
Total nur	mber of pages including cover sheet attachments, and documents: [11]



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PATENT TRADEMARK OFFICE	☐ Enclosed
Name: VENABLE LLP	☑ Authorized to be charged to deposit account
Address: P.O. Box 34385	8. Deposit account number: 22-0261
City: Washington State: D.C. Zip: 20043-9998	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Kavita B. Lepping, Reg. No. 54,262 Kavita B. Lepping, Reg. No. 54,262	
Kavita B. Lepping, Reg. No. 54,262 Name of Person Signing Signatur Total number of pages including cover sh	e D <u>até</u>

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Alexandria, VA 22313-1450

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To the Honorable Commissioner of Patents and Trademarks	: Please Record the attached original documents or copy thereof.
1. Name of conveying party(ies): Zhong ZHANG Li YU Haiying LIU Paul C. BREWER Andrew J. CHOSAK Himaanshu GUPTA Niels HAERING Omar JAVED Alan J. LIPTON Zeeshan RASHEED Additional name of conveying party(ies) attached? Yes No Nature of conveyance:	2. Name and address of receiving party(les) Name: OBJECTVIDEO, INC. Internal Address: Street Address: 11600 Sunrise Valley Drive, Suite 290
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Execution Date: May 16, 2005, May 13, 2005, May 13, 2005, May 21, 2005, May 16, 2005, May 13, 2005 and May 13, 2005	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the exe A. Patent Application No.(s) 11/098,579	ecution date of the application by the first named inventor is: B. Patent No.(s)
Additional numbers at	ttached? Yes No
Name and address of party to whom correspondence concerning this document should be mailed: 26694	Total number of applications and patents involved:
PATENT TRADEMARK OFFICE	7. Total fee (37 CFR 3.41) \$ 40.00
Name: VENABLE LLP	☐ Enclosed
Address: P.O. Box 34385	Authorized to be charged to deposit account
	8. Deposit account number:
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Statement and signature. To the best of my knowledge and belief, the foregoing information is a true copy of the original document.	is true and correct and any attached copy
Michael A. Sartori, Ph.D., Rog. No. 41 289 Name of Person Significant Signature Signature	Lepping # 54262 for August 24, 2005

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PC Docs No. 671907

Michael A. Sartori, Ph.D., Reg. No. 41,289 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 11 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Alexandria, VA 22313-1450

Signature

PATENT

	Form PTO-1595 08-31-2005	OVER SHEET U.S. DEPARTMENT OF COMMERCE
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24.0)	Tab settings ⇒ ⇒ = 103071776	▼ Atty Docket: 37112-215813
5	To the Honorable Commissioner of Patents and Trademarks:	Please Record the attached original documents or copy thereof.
8	1. Name of conveying party(les): Zhong ZHANG Li YU Haiying LIU Paul C. BREWER Andrew J. CHOSAK Himaanshu GUPTA Niels HAERING Omar JAVED Alan J. LIPTON	2. Name and address of receiving party(les) Name: OBJECTVIDEO, INC. Internal Address:
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	11/098,579	1
	Additional numbers at	ached? Yes No
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ı	26694 PATENT TRADEMARK OFFICE	7. Total fee (37 CFR 3.41) \$ 40.00
	Name: Venable LLP	☐ Enclosed
	Paris Paris III	☑ Authorized to be charged to deposit account
	Address: P.O. Box 34385	
		8. Deposit account number:
	City: Washington State: D.C. Zip: 20043-9998	22-0261
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	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is is a true copy of the original document. **Comparison of the Indiana State of	true and correct and any attached copy
	Michael A. Sartori, Ph.D., Reg. No. 41,289 Name of Person Signing Total number of pages including cover she	Expring #54262 for August 34, 1005 Date Bet, attachments, and documents: [1]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Alexandria, VA 22313-1450

PC Docs No. 671907

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 21<4 day of MAY, 2005, by Zhong Zhang; Li Yu; Haiying Liu; Paul C. Brewer; Andrew J. Chosak; Himaanshu Gupta; Niels Haering; Omar Javed; Alan J. Lipton; Zeeshan Rasheed; Péter L. Venetianer; Weihong Yin; and Liang Y. Yu (hereinafter referred to as Assignors), residing at 1122 Clinch Rd., Herndon, Virginia 20170; 136 Laurel Way Apt. #3b, Herndon, Virginia 20170; 13893 Lawrence Park Ct., Chantilly, Virginia 20151; 2724 N. Jefferson St., Arlington, Virginia 22207; 1423 N Nash St. Apt. 7, Arlington, Virginia 22209; 2111 Raven Tower Ct. Apt. 305, Herndon, Virginia 20170; 11182 Beaver Trail Ct., Reston, Virginia 20191; 13169 Fox Hunt Lane, Apt. 344, Herndon, VA 20171; 12633 Terrymill Drive, Herndon, Virginia 20170; 1437 Church Hill Place, Reston, Virginia 20194; 6623 Ivy Hill Dr., McLean, Virginia 22101; 1122 Clinch Road, Herndon, Virginia 20170; and 2356 Cypress Cove Cir. #204, Herndon, VA 20171, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in WIDE-AREA SITE-BASED VIDEO SURVEILLANCE SYSTEM, set forth in a Patent application for Letters Patent of the United States, already filed on April 5, 2005 as U.S. application No. 11/098,579; and

WHEREAS, OBJECTVIDEO, INC., having its principal place of business at 11600 Sunrise Valley Drive, Suite 290, Reston, Virginia 20191 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

37112-215813

may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

37112-215813

PATENT REEL: 017877 FRAME: 0282 the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

VENABLE LLP

All practitioners at Customer Number 26694

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

37112-215813

Executed on: Assignor: Zhong Zhang Assignor Name	5/16/2005 Date Signature
Witness: Weihong Xn Witness Name 1122 Clinch Pd. 1-lerndon, VA 20170 Witness Address	Signature
Executed on: Assignor: Li Yu Assignor Name	Date Signature
Witness: HAI YING LIU Witness Name 13893 Lawrence Park Ct Chantilly, VA 20151 Witness Address	Signature

Venable LLP Washington, DC 2004-1601 DC2-641747

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Executed on:	Date 05/13/2005
Assignor: Haiying Liu	Mais is
Assignor Name	Signature
Assignor Name	Signature
Witness:	
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Witness Name	Signature
136 Laurel Way Apr 36	-
Hernian VA 20170	
Witness Address	
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Executed on:	5/21/2005
	Date
Assignor:	
Paul C. Brewer	Val C Sum
Assignor Name	Signature
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Witness:	
Zhong Zhanq	and the
Witness Name	Signature
1122 Clinch Rd	
Herndon, VA 20170	
Witness Address	

Executed on:	5/16/2005
Assignor: Andrew J. Chosak Assignor Name	Date Archer Jem R Signature
Witness: Zhong Zhang Witness Name 1122 Clinch Pd Herndon, VA 20170 Witness Address	Signature Signature
Withess Address	
Executed on:	05/13/2005
Assignor: Himaanshu Gupta Assignor Name	Maanshu Griphs. Signature
Witness: Liangyin Tu Witness Name 2356 Cypress Cove Cov. #204 Hernolog, VA 20171	Signature Signature

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Executed on:	Date 5/13/05
Assignor:	Clock Allen
Niels Haering	The Contract of the Contract o
Assignor Name	Signature
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Andrew J Chosak	and Change
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1423 N Nash St Apt 7 Achington VA 22209	
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Reston, VA 20191	
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Executed on: Assignor: Alan J. Lipton	5/13/05 Date
Assignor Name	Signature
Witness: Peter Venetianor Witness Name 6623 vy	Signature
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Executed on:	5/13/05 Date
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Assignor:	a than
Zeeshan Rasheed	
Assignor Name	Signature
Witness: Omar Javed Witness Name	Signature Signature
13/69 Fox hunt (ane, Apt 344) Hernolon, Va, 20/71	
Herndon, Va, 20171	

Executed on: Assignor: Péter L. Venetianer Assignor Name	Date Signature
Witness: HIMAANSHU GUPTA Witness Name 2111 RAVEN TOWER CT. APT 30S HSRNDON, VA 20170 Witness Address	Romaandur Grytz. Signature
Executed on:	5/16/05 Date
Assignor: Weihong Yin Assignor Name	Signature

Witness:

Witness Name

Reston

Witness Address

ZEESHAN RASHEED

1437 Church Hill PL

20194

Signature

Executed on:	03/13/05
Assignor: Liang Y. Yu Assignor Name	Signature Gas Gas
Witness: HAIYING LIU Witness Name 13893 Lawrence Park Ct Chantilly, VA 2015	Signature

Venable LLP Washington, DC 2004-1601 DC2-641747

Witness Address

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37112-215813

ASSIGNMENT BY INVENTORS

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WHEREAS, Assignors have invented certain new and useful improvements in WIDE-AREA SITE-BASED VIDEO SURVEILLANCE SYSTEM, set forth in a Patent application for Letters Patent of the United States, already filed on April 5, 2005 as U.S. application No. 11/098,579; and

WHEREAS, OBJECTVIDEO, INC., having its principal place of business at 11600 Sunrise Valley Drive, Suite 290, Reston, Virginia 20191 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

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may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and

2 37112-215813

PATENT REEL: 017877 FRAME: 0292 the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

VENABLE LLP

All practitioners at Customer Number 26694

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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37112-215813

PATENT REEL: 017877 FRAME: 0293

Executed on: Assignor: Zhong Zhang Assignor Name	5/16/2005 Date Signature
Witness: Weihong Xin Witness Name 1122 Clinch Pd. 1-lerndon, VA 20170	Signature
Witness Address	
Executed on:	5 /13 /200 i
Assignor: Li Yu Assignor Name	Signature
Witness: HAIYING LIU Witness Name 13893 Lawrence Park Ct Chantilly, VA 20151	Signature

Executed on:	Date 05/13/2005
Assignor:	ON.
Haiying Liu	- 7 Minney
Assignor Name	Signature
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Assignor:	\bigcirc $1 \circ \bigcirc$
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1122 Clinch Rd	_
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Witness: Zhong Zhang Witness Name 1122 Clinch Pd Herndon, VA 20170	Signature
Witness Address	
Executed on:	05/13/2005 Date
Assignor:	4.
Himaanshu Gupta	fundarshu Chyph
Assignor Name	Signature
Witness: Liangyin Tu Witness Name 2356 Cypress Cove Cir. #204 Hemolon VA 2017/	Signature Signature

Executed on: Assignor: Niels Haering Assignor Name Witness: Andrew J Chosak Witness Name 1423 N Nash St Apt 7 Achasha VA 22289 Witness Address	Date Dio Character Signature Signature
Executed on: Assignor: Omar Javed Assignor Name	Date Signature 5/13/05
Witness: WIELS HACRING Witness Name 2041 Chadds Ford Dr. Reston, VA 20191 Witness Address	Signature Signature

Executed on: Assignor: Alan J. Lipton Assignor Name	Date Signature
Witness: Potor Venetianor Witness Name 6623 Ly Hill Dr McLean VA 22101	Signature
Witness Address	
Executed on: Assignor: Zeeshan Rasheed	5/13/05 Date
Witness: Omar Javed Witness Name 13/69 Fox hunt (ane, Apt 344)	Signature Signature

Executed on: Assignor: Péter L. Venetianer Assignor Name	Date Signature
Witness:	10 00 1
HIMAANSHU GUPTA	Kimaanshin Chrytz.
Witness Name	Signature
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HSRNDON, VA 2010	
Witness Address	
Executed on:	5/18/05 Date
Assignor:	•
Weihong Yin	asso
Assignor Name	Signature
Witness:	 - 1
ZEESHAN RASHEED	Tohan
Witness Name	Signature
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Reston VA 20194	

Executed on:	0\$113/05
Assignor: Liang Y. Yu Assignor Name	Signature
Witness: HAIYING LIU Witness Name 13893 Lawrence Park Ct Chantilly, VA 20151	Signature

Venable LLP Washington, DC 2004-1601 DC2-641747

RECORDED: 01/25/2006

Witness Address

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37112-215813

PATENT