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OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below: Name and Address of receiving party(ies) Name of conveying party(ies)/Execution Date(s): 1. Catherine Joyce Name: Flashmark Technologies LLC Lori Kirby c/o Ed Johnsen Jennifer Goodfellow Edward L. Johnsen, Jr. All on behalf of inventor Edward L. Johnson Eric Johnsen Internal Address: Execution Date(s): 12/31/04; 12/30/04; 11/30/04; 12/30/04; 12/31/04 Street Address: 4 Collins Avenue Additional name(s) of conveying party(ies) attached? □Yes 国No 3. Nature of conveyance: City: Natick □ Merger Assignment ☐ Change of Name ☐ Security Agreement State: MA ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License Country: United States Zip: 01760 Other ____ Additional name(s) & address(es) attached? ☐ Yes ☐No This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) 5,189,153 issued April 28, 1992 Additional numbers attached? ☐ Yes ☐ No Total number of applications and patents 5. Name and address to whom correspondence involved: concerning document should be mailed: 1 Name: Brenda Herschbach Jarrell, Ph.D. \$40.00 Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Patent Department Authorized to be charged by credit card Choate, Hall & Stewart Authorized to be charged to deposit account Street Address: Exchange Place, 53 State Street ■ Enclosed City: Boston ☐ None required (government interest not affecting title) ZIP: 02109 State: MA Payment Information a. Credit Card Last 4 Numbers _ Expiration Date _____ Phone Number: (617) 248-5000 b. Deposit account number: 03-1721 Fax Number: (617) 248-4000 Authorized User Name ____ Email Address: July 21, 2005 Signature: Total number of pages including cover <u>Charles E. Lyon, D.Phil.</u> <u>56,630</u> sheet, attachments, and document: Name of Person Signing Registration No.

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

Whereas Edward L. Johnsen (deceased), formerly of Wayland, Massachusetts ("ASSIGNOR"), is the co-inventor and sole owner of United States Patent number 5,109,153, issued April 28, 1992 for "Flash Imaging and Voidable Articles" (the '153 patent), by virtue of an assignment filed on June 11, 1990 (No. 005341/0886) with respect thereto by the other inventor on the '153 patent; and

Whereas Flashmark Technologies LLC of Natick, Massachusetts is desirous of acquiring the entire right, title, and interest in the '153 patent; and

Whereas the undersigned Catherine Joyce, Lori Kirby, Jennifer Goodfellow, Edward L. Johnsen, Jr., and Eric Johnsen are the sole heirs to ASSIGNOR's estate and therefore have authority to effect a transfer of rights from Mr. Johnsen to ASSIGNEE, Now therefore:

For good and valuable consideration, each of the undersigned Catherine Joyce, Lori Kirby, Jennifer Goodfellow, Edward L. Johnsen, Jr., and Eric Johnsen hereby sells, assigns and transfers to ASSIGNEE, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest, and therefore ASSIGNOR's entire right, title and interest, for the United States and all foreign countries; in and to any and all inventions which are disclosed in the '153 patent, in and to all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Appoints Assignee as his/her common representative in front of all International Receiving Offices for purposes relevant to the prosecution of International Patent Applications claiming inventions which are disclosed in the '153 patent.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said

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Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

3771513v12 Attorney Docket No.: 2005895-0001

PATENT REEL: 016547 FRAME: 0502

| Bank witness whereof, I hereto set my this 31 | hand and seal at Hudson Sauings, day of December, 2004. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| | Name: Catherine Joyce |
| state of Massachusetts country of Middle Sex | - \$\$. - |
| On this 31 day of <u>December</u> , 2004, before me, the undersigned notary public, personally appeared <u>Cotherine</u> Toyce (name of document signer), proved to me through satisfactory evidence of identification, which were <u>MA LIC</u> , to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. | |
| [Notary's Seal Here] | NOTARY PUBLIC Alburda Isla- My Commission Expires: Aug 19, 2005 |

| IN WITNESS WHEREOF, I hereto set my hand and seal at Montrick, |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IN WITNESS WHEREOF, I hereto set my hand and seal at // + /c/K, Massachuse ++5 this 30+4 day of December, 2004. |
| Name: Lori Kirby |
| STATE OF Massachuse ++ s SS. COUNTY OF Middlese x |
| COUNTY OF Middlegex |
| On this 3/4 day of December, 204, before me, the undersigned notary public, personally appeared Lori C. Kirky (name of document signer), proved to me through satisfactory evidence of identification, which were, to be the person whose name is signed on the preceding or attached document, and acknowledged to |
| me that (he) (she) signed it voluntarily for its stated purpose. NOTARY PUBLIC |
| [Notary's Seal Here] ANTHIPPE THEODOSSIMS Commission Expires: March 29,07 Notary Public Commonwealth of Massachuselts My Commission Expires |
| March 29, 2007 |

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| IN WITNESS WHEREOF, I hereto set my hand and seal at <u>Wayland</u> this <u>30th</u> day of <u>November</u> , 20 <u>04</u> . |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name: Jennifer Goodfellow |
| STATE OF Manachusetts |
| COUNTY OFMiddle sexss. |
| On this 30 ⁻¹ day of November, 2004 before me, the undersigned notary public, personally appeared Jennifer Groot Plantame of document signer), proved to me through satisfactory evidence of identification, which were NALC POST MOUND, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that the case of the person whose signed it reductions for its stated purpose. |
| me that (he) (she) signed it voluntarily for its stated purpose. |

[Notary's Seal Here]

My Commission Expires

3771513v12

| IN WITNESS WHEREOF, I hereto set my hand and seal at Matick |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Massachuse + 15 this 30+4 day of December, 2004. |
| Edward L. Johnsen, Jr. |
| STATE OF Massachuse 115 |
| COUNTY OF Middlecex |
| On this 3/14 day of December, 20 24, before me, the undersigned notary public, personally appearedt dward L. Joh (en Jr. (name of document signer), proved to me through satisfactory evidence of identification, which were, to be |
| the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. |
| NOTARY PUBLIC |
| [Notary's Seal Here] My Commission Expires: March 29,07 |
| ANTHIPPE THEODOSSIOU Notary Public Commonwealth of Massachusetts My Commission Expires March 29, 2007 |

3771513v12

| in witness whereof, I Massachuse ++s | hereto set my hand and seal at Natick, this 3/5+ day of December, 2004. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| | Name: Eric Johnsen |
| STATE OF Massachus | setts |
| COUNTY OF _ Middlesex | ss. ≤ |
| On this 3/st day of 2 comper, 20 pt before me, the undersigned notary public, personally appeared 5 comperson (name of document signer), proved to me through satisfactory evidence of identification, which were, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. | |
| • | NOTARY PUBLIC () E () = |
| [Notary's Seal Here] | My Commission Expires: March 21,07 |
| | HIPPE THEODOSSIOU |

Notary Public Commonwealth of Massachusetts My Commission Expires March 29, 2007

3771513v12

JAJE COMMOTIVEACTH OF MASSACHUSETTS UNITED STATES OF AMERICA CORPACE REGORD DE DEATH

TOWN OF WAYLAND

I discunders made hereby combined and the blerk of the TOWN of WAYLAND that as such tave control will record and deaths required by law to be kept in my office. That emong such records is one-relating to the death of

EDWARD LESTER JOHNSEN

and that the following is a true copy of so much of said record as relates to seld death, harnely,

Bate of Death: December 11, 2002 Place of Death: Wayland, MA

Name Edverti Lester Johnsen Sex Viale Color White Single Marged Widowed of Divorced Divorced Husband of Wite of Sarab Franklin Age 61 Date of Bilds Jane 16, 1944

Date of Bight: June 16: 1941
Residence: Weylerd MA
Occupation: Gonsultant
U.S. War Veleran
Place of Bight: Natice MA
Father Full Name: Lester J. Johnson

Father Birthplebe MA Mother Maldet Name: E Milored Batt Mother Birthplace Capada

Cause of Death Ling Cancer
Type of Disposition: Cremation
Place of Disposition: Newton Crematory
Cocation: Newton MA
Second Date: December 12, 2002
Americane Bates

And I do hereby certify that the foregoings a vice coex from send theorids. Witness my hard sind sharet sald Town of Wayland on this 12 Day of January 2004

sean 2002. Volume 2002 Pade

TOWN JISHABUSANT TOWN GISHA