PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Jeffrey P. Wilde | 06/11/2012 |
| Yonina C. Eldar | 05/25/2012 |
| Joseph W. Goodman | 06/02/2012 |

RECEIVING PARTY DATA

| Name: | The Board of Trustees of the Leland Stanford Junior University | |
|-----------------|----------------------------------------------------------------|--|
| Street Address: | 1705 El Camino Real | |
| City: | Palo Alto | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 94306-1106 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13439328 |

CORRESPONDENCE DATA

 Fax Number:
 (651)686-7111

 Phone:
 651-686-6633

Email: waltigney@ip-firm.com

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

via US Mail.

Correspondent Name: CRAWFORD MAUNU PLLC
Address Line 1: 1150 NORTHLAND DRIVE

Address Line 2: STE 100

Address Line 4: SAINT PAUL, MINNESOTA 55120

| ATTORNEY DOCKET NUMBER: | STFD.308PA | |
|-------------------------|--------------------------|--|
| NAME OF SUBMITTER: | Robert J. Crawford, Esq. | |

Total Attachments: 6

PATENT REEL: 028401 FRAME: 0113 \$40.00

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> PATENT REEL: 028401 FRAME: 0114

ASSIGNMENT

| WHEREAS, We, Jeffrey P. Wilde, residing at 715 La Prenda Road, Los Altos, California 9402 | 4; |
|--------------------------------------------------------------------------------------------------------|----|
| Yonina C. Eldar, residing at; and | 1 |
| Joseph P. Goodman, residing at 570 University Terrace, Los Altos, California 94022 made certain new | |
| and useful inventions and improvements for which we herewith filed an application for Letters Patent o | f |
| the United States, U.S. Patent Application Serial No. 13/439,328 filed on April 4, 2012, and entitled: | |
| GRATING-ENHANCED OPTICAL IMAGING (Attorney Docket No. STFD.308PA), and which | |
| claims the benefit of U.S. Provisional Applications, Serial No. 61/471,205 filed on April 4, 2011, and | |
| Serial No. 61/619,193 filed on April 2, 2012. | |

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the provisional patent application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

| | IN TESTIMONY WHEREO | F, I have hereunto set my hand on this date: |
|-------|-----------------------------|----------------------------------------------|
| [] | (month) - 2012 (year | |
| | | Jeffrey P. Wilde |
| | IN TESTIMONY WHEREO | F, I have hereunto set my hand on this date: |
| (day) | (month) - <u>2012</u> (year | |
| | | Yonina C. Eldar |
| | IN TESTIMONY WHEREO | F, I have hereunto set my hand on this date: |
| (day) | (month) - 2012 (year | |
| | | Joseph P. Goodman |

ASSIGNMENT

WHEREAS, We, Jeffrey P. Wilde, residing at 715 La Prenda Road, Los Altos, California 94024; Yonina C. Eldar, residing at Eilat 10 Apt.1, Haifa, Israel; and Joseph P. Goodman, residing at 570 University Terrace, Los Altos, California 94022 made certain new and useful inventions and improvements for which we herewith filed an application for Letters Patent of the United States, U.S. Patent Application Serial No. 13/439,328 filed on April 4, 2012, and entitled: **GRATING-ENHANCED OPTICAL IMAGING** (Attorney Docket No. STFD.308PA), and which claims the benefit of U.S. Provisional Applications, Serial No. 61/471,205 filed on April 4, 2011, and Serial No. 61/619,193 filed on April 2, 2012.

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the provisional patent application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

PATENT REEL: 028401 FRAME: 0117 communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

| | IN TESTIMON | Y WHEREOF, | I have hereunto set my hand on this date: |
|-------|-------------|----------------------|-------------------------------------------|
| | (month) | - <u>2012</u> (year) | |
| | | | |
| | | | Jeffrey P. Wilde |
| | IN TESTIMON | Y WHEREOF, | I have hereunto set my hand on this date: |
| 25 - | 05 | - <u>2012</u> | |
| (day) | (month) | (year) | |
| | | | Jones Eldas |
| | | | Yonina C. Eldar |
| | | | |
| | IN TESTIMON | Y WHEREOF, | I have hereunto set my hand on this date: |
| _ | | - 2012 | |
| (day) | (month) | (year) | |
| | | | |
| | | | Joseph P. Goodman |

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ASSIGNMENT

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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| | IN TESTIMONY | WHEREOF, | I have hereunto set my hand on this date: |
|-------|--------------|-------------------------|-------------------------------------------|
| (day) | (month) | <u>2012</u> (year) | |
| | | | Jeffrey P. Wilde |
| | IN TESTIMONY | WHEREOF, | I have hereunto set my hand on this date: |
| (day) | (month) | - <u>2012</u> (year) | |
| | | | Yonina C. Eldar |
| ond. | | | I have hereunto set my hand on this date: |
| (day) | (month) | - <u>2012</u> (year) | Joseph W. Loodmen |

JWS