

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Margaret A Ryan	07/16/2008
Adam Kisor	07/17/2007
Margie L Homer	09/18/2007
Shiao-Pin S Yen	09/25/2007
Abhijit V Shevade	09/25/2007
April D Jewell	09/09/2007
Kenneth S Manatt	01/29/2009
Charles Taylor	09/19/2007
Mario Blanco	09/11/2007
William A Goddard	09/10/2007

RECEIVING PARTY DATA

Name:	California Institute of Technology
Street Address:	1200 E. California Blvd.
Internal Address:	MC 210-85
City:	Pasadena
State/Country:	CALIFORNIA
Postal Code:	91125

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12947598

CORRESPONDENCE DATA

Fax Number: (213)533-4174
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 213-533-4171
 Email: lwerk@berliner-ip.com
 Correspondent Name: BERLINER & ASSOCIATES

CH \$40.00 12947598

Address Line 1: 555 WEST FIFTH STREET
Address Line 2: 31ST FLOOR
Address Line 4: LOS ANGELES, CALIFORNIA 90013

ATTORNEY DOCKET NUMBER: 7920-102D1

NAME OF SUBMITTER: Miles Yamanaka

Total Attachments: 36

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ASSIGNMENT

WHEREAS, We, Margaret A. Ryan, residing at 1154 Elizabeth Street, Pasadena, CA 91104, and Margie L. Homer, residing at 1108 Evelyn Place, Pasadena, CA 91104-4615, and Shiao-Pin S. Yen, residing at 2378 N. Morslay Road, Altadena, CA 91001, and Adam Kisor, residing at ~~4030~~ 703 Villa #8, Pasadena CA 91101, ~~W. Olive Ave. #1, Burbank, CA 91506~~, and April D. Jewell, residing at 730 N. Mar Vista Ave., Pasadena, CA 91104, and Abhijit V. Shevade, residing at 180 South Catalina Ave. #10, Pasadena, CA 91106, and Kenneth S. Manatt, residing at 9619 Crystal View Dr., Tujunga, CA 91042, and Charles Taylor, residing at _____, and Mario Blanco, residing at 9961 Workman Avenue, Temple City, CA 91780, and William A. Goddard, residing at 950 Arden Rd., Pasadena, CA 91106, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on June 19, 2007, which application was assigned U.S. patent application serial number 11/820,472, and is entitled CO-POLYMER FILMS FOR SENSORS;

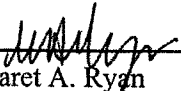
AND WHEREAS, California Institute of Technology, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said 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 said 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 WHEREOF, I have hereunto set my hand this 16 day of
July, 2008



Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Margaret A. Ryan


IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of JULY, 2007.



Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

William A. Goddard

ASSIGNMENT

WHEREAS, We, Margaret A. Ryan, residing at 1154 Elizabeth Street, Pasadena, CA 91104, and Margie L. Homer, residing at 1108 Evelyn Place, Pasadena, CA 91104-4615, and Shiao-Pin S. Yen, residing at 2378 N. Morslay Road, Altadena, CA 91001, and Adam Kisor, residing at 1030 W. Olive Ave. #7, Burbank, CA 91506, and April D. Jewell, residing at 730 N. Mar Vista Ave., Pasadena, CA 91104, and Abhijit V. Shevade, residing at 180 South Catalina Ave. #10, Pasadena, CA 91106, and Kenneth S. Manatt, residing at 9619 Crystal View Dr., Tujunga, CA 91042, and Charles Taylor, residing at _____, and Mario Blanco, residing at 9961 Workman Avenue, Temple City, CA 91780, and William A. Goddard, residing at 950 Arden Rd., Pasadena, CA 91106, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on June 19, 2007, which application was assigned U.S. patent application serial number 11/820,472, and is entitled CO-POLYMER FILMS FOR SENSORS;

AND WHEREAS, California Institute of Technology, 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 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125 (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 therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

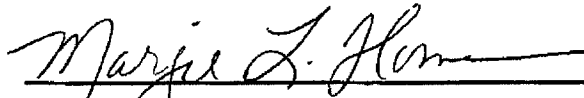
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said 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 said 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 WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of September, 2007.



Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

William A. Goddard

ASSIGNMENT

WHEREAS, We, Margaret A. Ryan, residing at 1154 Elizabeth Street, Pasadena, CA 91104, and Margie L. Homer, residing at 1108 Evelyn Place, Pasadena, CA 91104-4615, and Shiao-Pin S. Yen, residing at 2378 N. Morslay Road, Altadena, CA 91001, and Adam Kisor, residing at 1030 W. Olive Ave. #7, Burbank, CA 91506, and April D. Jewell, residing at 730 N. Mar Vista Ave., Pasadena, CA 91104, and Abhijit V. Shevade, residing at 180 South Catalina Ave. #10, Pasadena, CA 91106, and Kenneth S. Manatt, residing at 9619 Crystal View Dr., Tujunga, CA 91042, and Charles Taylor, residing at _____, and Mario Blanco, residing at 9961 Workman Avenue, Temple City, CA 91780, and William A. Goddard, residing at 950 Arden Rd., Pasadena, CA 91106, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on June 19, 2007, which application was assigned U.S. patent application serial number 11/820,472, and is entitled CO-POLYMER FILMS FOR SENSORS;

AND WHEREAS, California Institute of Technology, 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 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125 (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 therefore;

Abhijit V. Shevade
2418 New York Drive
Altadena, CA 9100

AS

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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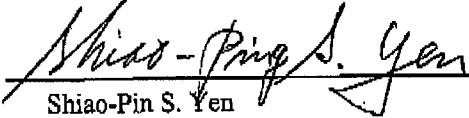
IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of Sept., 2007.



Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Adam Kisor


PATENT
REEL: 022817 FRAME: 0914

PATENT
REEL: 025493 FRAME: 0016

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of September, 2007.


Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

William A. Goddard

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AND WHEREAS, California Institute of Technology, 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 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125 (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 therefore;

* April Jewell
117 Beacon St. #1
Somerville, MA 02143

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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_____, 2007.

Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of
September, 2007.

April D. Jewell
April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Kenneth S. Manatt

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_____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

William A. Goddard

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Margaret A. Ryan

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_____, 2007.

Margie L. Homer

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_____, 2007.

Shiao-Pin S. Yen

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_____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of Jan, ~~2007~~ 2009

Kenneth S. Manatt
Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

William A. Goddard

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WHEREAS, We, Margaret A. Ryan, residing at 1154 Elizabeth Street, Pasadena, CA 91104, and Margie L. Homer, residing at 1108 Evelyn Place, Pasadena, CA 91104-4615, and Shiao-Pin S. Yen, residing at 2378 N. Morslay Road, Altadena, CA 91001, and Adam Kisor, residing at 1030 W. Olive Ave. #7, Burbank, CA 91506, and April D. Jewell, residing at 730 N. Mar Vista Ave., Pasadena, CA 91104, and Abhijit V. Shevade, residing at 180 South Catalina Ave. #10, Pasadena, CA 91106, and Kenneth S. Manatt, residing at 9619 Crystal View Dr., Tujunga, CA 91042, and Charles Taylor, residing at _____, and Mario Blanco, residing at 9961 Workman Avenue, Temple City, CA 91780, and William A. Goddard, residing at 950 Arden Rd., Pasadena, CA 91106, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on June 19, 2007, which application was assigned U.S. patent application serial number 11/820,472, and is entitled CO-POLYMER FILMS FOR SENSORS;

AND WHEREAS, California Institute of Technology, 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 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125 (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 therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said 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 said 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 WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

April D. Jewell

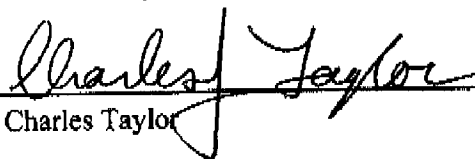
IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Abhijit V. Shevade

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of September, 2007.



Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2007.

William A. Goddard

ASSIGNMENT

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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Margaret A. Ryan

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Margie L. Homer

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Shiao-Pin S. Yen

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Adam Kisor

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

April D. Jewell

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Abhijit V. Shevade

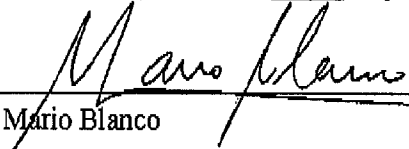
IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Kenneth S. Manatt

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2007.

Charles Taylor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of
September, 2007.



Mario Blanco

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of
SEPTEMBER, 2007.



William A. Goddard