

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anant Madabhushi	02/09/2010
Jonathan Chappelow	02/09/2010
Michael Feldman	02/08/2010
John E. Tomaszewski	02/08/2010

RECEIVING PARTY DATA

Name:	The Trustees of the University of Pennsylvania
Street Address:	3160 Chestnut Street, Suite 200
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12593651

CORRESPONDENCE DATA

Fax Number: (610)407-0701
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Email: eschmitter@ratnerprestia.com
 Correspondent Name: RatnerPrestia
 Address Line 1: 1235 Westlakes Drive, Suite 301
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ATTORNEY DOCKET NUMBER:	UOP-444US
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NAME OF SUBMITTER:	Kenneth N. Nigon
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Total Attachments: 10
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DOCKET NO.:

**PATENT
Multiple Inventors
(Pending Application;
Application No. 12/593,651)**

ASSIGNMENT

WHEREAS, We Anant Madabhushi, Jonathan Chappelow, Michael Feldman and John E. Tomaszewski, residing at 307 Margaret Court; South Plainfield, NJ 07080, residing at 321 Cain Court; Belle Mead, NJ 08502, residing at 1416 Colonial Drive; Garnet Valley, PA 19061 and residing at 1857 Canterbury Road, Abington, PA 19001 hereinafter referred to as the "assignors" are the inventor of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Application No. 12/593,651, filed September 29, 2009, entitled COMBINED FEATURE ENSEMBLE MUTUAL INFORMATION IMAGE REGISTRATION; and

WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said patent application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said assignors, have sold, assigned, transferred and set over, effective as of the earliest date listed below, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said patent application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said patent application, said corresponding patent application(s) and said Letters Patent to said assignee, its successors,

**PATENT
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02/09/2010 *J Ch* (L.S.)
Date Jonathan Chappelow

STATE OF New Jersey
COUNTY OF Middlesex : SS

On this 9th day of February, year of 2010, before me personally came the above named Jonathan Chappelow to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Kathryn M Hart
Notary Public

KATHRYN M. HART
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/5/2011

_____ (L.S.)
Date **John E. Tomaszewski**

STATE OF _____ :
: SS
COUNTY OF _____ :

On this _____ day of _____, year of ____, before me personally came the above named _____ to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

DOCKET NO.:

**PATENT
Multiple Inventors
(Pending Application;
Application No. 12/593,651)**

ASSIGNMENT

WHEREAS, We Anant Madabhushi, Jonathan Chappelow, Michael Feldman and John E. Tomaszewski, residing at 307 Margaret Court, South Plainfield, NJ 07080, residing at 321 Cain Court; Belle Mead, NJ 08502, residing at 1416 Colonial Drive; Garnet Valley, PA 19061 and residing at 1857 Canterbury Road, Abington, PA 19001 hereinafter referred to as the "assignors" are the inventor of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Application No. 12/593,651, filed September 29, 2009, entitled **COMBINED FEATURE ENSEMBLE MUTUAL INFORMATION IMAGE REGISTRATION**; and

WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said patent application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said assignors, have sold, assigned, transferred and set over, effective as of the earliest date listed below, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said patent application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said patent application, said corresponding patent application(s) and said Letters Patent to said assignee, its successors,

**PATENT
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assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said patent application, said corresponding patent application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on any applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any corresponding patent application(s) aforesaid, in accordance with the terms of this assignment.

This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. IN WITNESS WHEREOF, we have hereunto set our hand and seal.

_____ (L.S.)
Date **Anat Madabhushi**

STATE OF _____ :
: SS
COUNTY OF _____ :

On this _____ day of _____, year of ____, before me personally came the above named _____ to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

