

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Correct Second Inventor Name previously recorded on Reel 023103 Frame 0768. Assignor(s) hereby confirms the Assignment.
CONVEYING PARTY DATA	
Name	Execution Date
Mark Alan Livingston	08/14/2009
Aditya Maruti Palepu	08/14/2009
RECEIVING PARTY DATA	
Name:	Gov't of USA represented by Secretary of the NAVY Code OOCPIP
Street Address:	Chief of Naval Research Office of Counsel
Internal Address:	One Liberty Ctr, 875 N. Randolph St, ste 1425
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12541857
CORRESPONDENCE DATA	
Fax Number:	(202)404-1557
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202 404 1557
Email:	john.young@nrl.navy.mil
Correspondent Name:	John Leonard Young
Address Line 1:	US Naval Research Laboratory
Address Line 2:	Office of Counsel IP Code 1008.2
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20375
ATTORNEY DOCKET NUMBER:	99504US2
NAME OF SUBMITTER:	John Leonard Young

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Total Attachments: 11

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TO: JOHN LEONARD YOUNG COMPANY: US NAVAL RESEARCH LABORATORY CODE 008.2

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
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Phone:	202 404 1557												
Email:	john.young@nrl.navy.mil												
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Address Line 2:	4555 Overlook Ave., SW												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20375												
ATTORNEY DOCKET NUMBER:	98504US2												
NAME OF SUBMITTER:	John Leonard Young												
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TO: JOHN LEONARD YOUNG COMPANY: USNAVAL RESEARCH LABORATORY CODE: 1008.2

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ASSIGNMENT BY INVENTOR (UNITED STATES PATENTS)

THIS ASSIGNMENT, made by Aditya Maruti Palepu (hereinafter referred to as Assignor). residing at 10121 Leakane Court, Oakton, VA 22124:

WHEREAS, Assignor, has invented certain new and useful improvements in SYSTEMS AND METHODS OF DISCOVERING MIXTURES OF MODELS WITHIN DATA AND PROBABILISTIC CLASSIFICATION OF DATA ACCORDING TO THE MODEL MIXTURE, set forth in a Patent application for Letters Patent of the United States, filed herewith, as U.S. Application No. 12/541,857, filed on August 14, 2009; and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government). 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.

WHEREAS, by acquiring the Assignor's entire right, title, and interest in and to the invention the Government will be enabled to license the invention and share the income from the licensing with the Assignor(s) as allowed by law;

WHEREAS, Assignor is obligated as a SEAP student intern (hereafter "Contractor") to assign inventions to Contractor, and Contractor is obligated to the Government under contract no. (if applicable);

NOW, THEREFORE, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, subject to a nonexclusive and royalty-free license which is hereby reserved to Contractor, 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 which 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 the Government, 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 Assignor, had this assignment not been made.

AND the license reserved to the Contractor shall extend to all existing and future associated and affiliated companies, if any within the corporate structure of Contractor is a part and shall be assignable to the successor of that part of Contractor's business (if applicable) to which such invention pertains.

AND for the same consideration, Assignor hereby represents and warrants to the Government, 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 the Government under law or that have already been transferred to the Government, Assignor is the sole and lawful owner 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with the Government, its successors, legal representatives and assigns, that Assignor 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 the Government, its successors, legal representatives and assigns, whenever counsel of the Government, 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 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 Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of the Government, its successors, legal representatives and assigns.

AND the Assignor hereby further agrees to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division, or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

AND Assignor hereby appoints all practitioners at Customer Number 26384, all of US Naval Research Laboratory, 4555 Overlook Ave, SW, Washington, DC 20375, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

AND Assignor hereby grants 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 any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at Customer Number 26384.

Date: 8/14/2009 Signature: Aditya M. Palepu Seal
Aditya M. Palepu

In re Patent Application of:
Mark A. Livingston et al.

Navy Case : 99504US2

For: SYSTEMS AND METHODS OF
DISCOVERING MIXTURES OF MODELS
WITHIN DATA AND PROBABILISTIC
CLASSIFICATION OF DATA ACCORDING
TO THE MODEL MIXTURE

RATIFICATION OF CONTRACTOR ELECTION

1. RAMANA V. PALEPU parent and legal guardian of Aditya Maruti Palepu, hereby ratify and agree to his decision made on (Date student signed the assignment): 08/12/2009 to only retain a royalty free license in the above-referenced invention throughout the world.

08/12/2009

Date

Ramana V. Palepu

Parent's Full Name

ASSIGNMENT BY INVENTOR (UNITED STATES PATENTS)

THIS ASSIGNMENT, made by Mark Alan Livingston (hereinafter referred to as Assignor), residing at 5300 Holmes Run Parkway #609, Alexandria, Virginia 22304;

WHEREAS, Assignor, while employed by the Government of the United States, has invented certain new and useful improvements in SYSTEMS AND METHODS OF DISCOVERING MIXTURES OF MODELS WITHIN DATA AND PROBABILISTIC CLASSIFICATION OF DATA ACCORDING TO THE MODEL MIXTURE, set forth in an application for Letters Patent of the United States, filed herewith as U.S. Application No. 12/541,857, on August 14, 2009; and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government and/or Assignee), is desirous of acquiring the entire right, title and interest of the Assignor in and to said invention(s) 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.

WHEREAS, by acquiring the Assignor's entire right, title, and interest in and to the invention the Government will be enabled to license the invention and share the income from the licensing with the Assignor(s) as allowed by law;

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the Assignor's entire right, title, and interest therein, including the foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over, unto the Government, its

successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned invention(s) 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 which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, the same to be held and enjoyed by the Government, 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 Assignor, had this assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to the Government, 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 the Government under law or that have already been transferred to the Government, Assignor is the lawful owner of the Assignor's entire right, title and interest in and to said inventions and application(s) for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with the Government, its successors, legal representatives and assigns, that Assignor 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 invention(s), without charge to the Government, its successors, legal representatives and assigns, whenever counsel of the Government, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said invention(s), or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions 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 Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee(s), as Assignee(s) of said invention(s) and the Letters Patent to be issued thereon, for the sole use and benefit of the Assignee(s), its successors, legal representatives and assigns.

AND the Assignor does hereby also grant unto the Government, the option to take the entire right, title, and interest in the invention and all patent applications or other forms of protection thereon of the Assignor in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications for which a decision to file in foreign countries is made within eight months of the filing date of any application for United States Letters Patent and/or any provisional application covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to Assignor subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

AND the Assignor hereby further agrees to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division, or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.


AND Assignor hereby appoints all practitioners at Customer Number 26384, all of US Naval Research Laboratory, 4555 Overlook Ave, SW, Washington, DC 20375, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

AND Assignor hereby grants 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 any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at Customer Number 26384.

Date: 14 Aug 2009

Signature: 
Mark A. Livingston

Seal