

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Srivaths RAVI</td> <td>11/20/2007</td> </tr> <tr> <td>Anand RAGHUNATHAN</td> <td>11/11/2007</td> </tr> <tr> <td>Srimat CHAKRADHAR</td> <td>11/11/2007</td> </tr> <tr> <td>Karthik NANDAKUMAR</td> <td>10/29/2007</td> </tr> </tbody> </table>		Name	Execution Date	Srivaths RAVI	11/20/2007	Anand RAGHUNATHAN	11/11/2007	Srimat CHAKRADHAR	11/11/2007	Karthik NANDAKUMAR	10/29/2007
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Srimat CHAKRADHAR	11/11/2007										
Karthik NANDAKUMAR	10/29/2007										
RECEIVING PARTY DATA											
Name:	NEC Laboratories America, Inc.										
Street Address:	4 Independence Way										
City:	Princeton										
State/Country:	NEW JERSEY										
Postal Code:	08540										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11762616</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11762616						
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Application Number:	11762616										
CORRESPONDENCE DATA											
Fax Number:	(732)335-5778										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	732 335 5773										
Email:	JJB@35USCLAW.COM										
Correspondent Name:	BROSEMER, KOLEFAS & ASSOCIATES, LLC (NEC										
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Address Line 4:	HAZLET, NEW JERSEY 07730										
ATTORNEY DOCKET NUMBER:	NL-06016										
NAME OF SUBMITTER:	JEFFERY J. BROSEMER										
Total Attachments: 4 source=NL-06016-AssignmentPKG#page1.tif											

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**PATENT
 REEL: 020144 FRAME: 0389**

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ASSIGNMENT

Whereas, we,

- (1) Srivaths RAVI, of Plainsboro, NJ USA;
- (2) Anand RAGHUNATHAN, of Plainsboro, NJ, USA;
- (3) Srimat CHAKRADHAR, of Manalapan, NJ USA;
- (4) Karthik NANDAKUMAR, of East Lansing, MI USA;

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 11/762,616 filed on 13-JUN-2007 entitled:

TITLE: VOICE-BASED MULTIMODAL SPEAKER AUTHENTICATION USING ADAPTIVE TRAINING AND APPLICATIONS THEREOF

Whereas, NEC Laboratories America, Inc.
4 Independence Way
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

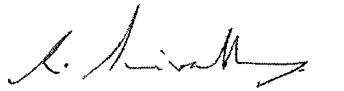
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

INVENTOR 1:

DATE on 11/20/07 Srivaths RAVI



Witnessed by: [Signature] [SANTHOSH]

Signature: _____

Date: 11/20/07



INVENTOR 2:

CITY at Plainsboro

DATE on 10/11/07

Anand RAGHUNATHAN

State of New Jersey)

County of Mercer) ss.:

Inventor (2) On this 11th day of October before me personally came **Anand RAGHUNATHAN** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary

IRENE ANN LOESER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires **January 23, 2008**

INVENTOR 3:
CITY at Manalapan
DATE on 10/11/07

Srimat T. Chakradhar
Srimat CHAKRADHAR

State of New Jersey)

Inventor (3) On this ^{) ss.:} 11th day of October before me personally came **Srimat CHAKRADHAR** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Irene Ann Loeser
Notary

IRENE ANN LOESER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires **January 23, 2008**

INVENTOR 4:

N. Karthik

DATE on 10/29/2007

Karthik NANDAKUMAR

Witnessed by: *Amanda Vaness*
Signature: *Amanda Vaness*
Date: 10/29/2007

AMANDA VAN ESS
NOTARY PUBLIC, STATE OF MI
COUNTY OF CLINTON
MY COMMISSION EXPIRES JUL 28, 2013
ACTING IN COUNTY OF *Talam*

Amanda Vaness