

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mavanur Narakesari RANGARAJ</td> <td>02/22/2012</td> </tr> <tr> <td>Xerxes Navzar DOTIVALA</td> <td>02/22/2012</td> </tr> <tr> <td>Sopnendu MOHANTY</td> <td>02/22/2012</td> </tr> <tr> <td>Sam Chang Chia SHIAN</td> <td>02/22/2012</td> </tr> <tr> <td>Kaustab ROY</td> <td>02/22/2012</td> </tr> <tr> <td>Pedro Manuel VICENTE</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mavanur Narakesari RANGARAJ	02/22/2012	Xerxes Navzar DOTIVALA	02/22/2012	Sopnendu MOHANTY	02/22/2012	Sam Chang Chia SHIAN	02/22/2012	Kaustab ROY	02/22/2012	Pedro Manuel VICENTE	02/22/2012
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Application Number:	13409710														
CORRESPONDENCE DATA															
Fax Number:	(312)876-7457														
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	SNR DENTON US LLP (CITI CUSTOMER NUMBER)														
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Address Line 4:	CHICAGO, ILLINOIS 60606-1080														
ATTORNEY DOCKET NUMBER:	CITI0402-US 09796290-0027														

OP \$40.00 13409710

NAME OF SUBMITTER:

Eric L. Sophir

Total Attachments: 2

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ASSIGNMENT

WHEREAS, Mavanur Narakesari RANGARAJ, Xerxes Navzar DOTIVALA, Sopnendu MOHANTY, Sam Chang Chia SHIAN, Kaustab ROY, and Pedro Manuel VICENTE (referred to as "ASSIGNOR") have invented certain new and useful improvements in an invention entitled SMART AUTHENTICATION AND IDENTIFICATION VIA VOICEPRINTS,

- for which a utility patent application for a United States Patent was filed with the United States Patent and Trademark Office on _____, Serial Number _____;
- for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, Citigroup Technology, Inc., a corporation doing business at 1919 Park Avenue, Weehawken, New Jersey, 07086 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and

will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>
1)	➤ <u>M. N. Rangaraj</u> Mavanur Karakesari RANGARAJ	➤ <u>22 Feb 2012</u>
2)	➤ <u>Xerxes Navzar Dotivala</u> Xerxes Navzar DOTIVALA	➤ <u>22/02/2012</u>
3)	➤ <u>Sopnendu Mohanty</u> Sopnendu MOHANTY	➤ <u>22/02/2012</u>
4)	➤ <u>San Chang Chia Shian</u> San Chang Chia SHIAN	➤ <u>22/02/2012</u>
5)	➤ <u>Kaustab Roy</u> Kaustab ROY	➤ <u>22.02.2012</u>
6)	➤ <u>Pedro Manuel Vicente</u> Pedro Manuel VICENTE	➤ <u>22.02.2012</u>