PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	05/30/2003	

CONVEYING PARTY DATA

Name	Execution Date
VICKI BROMAN	02/28/2014

RECEIVING PARTY DATA

Name:	AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.	
Street Address:	200 VESEY STREET	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10285	

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	7299177
Patent Number:	7778832
Patent Number:	8036892
Application Number:	13227219
Application Number:	13366851

CORRESPONDENCE DATA

Fax Number: (602)382-6070 Phone: 602-382-6228

Email: krigby@swlaw.com, ipdocket@swlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: HOWARD I. SOBELMAN,SNELL & WILMER L.L.P.

Address Line 1: 400 EAST VAN BUREN
Address Line 2: ONE ARIZONA CENTER

Address Line 4: PHOENIX, ARIZONA 85004-2202

ATTORNEY DOCKET NUMBER:	60655.00800		
NAME OF SUBMITTER:	HOWARD I. SOBELMAN		
Signature:	/Howard I. Sobelman/		
Date:	03/04/2014		
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EXHIBIT A

ASSIGNMENT OF PATENTS

Nunc Pro Tunc

This Assignment of Patents ("Assignment") is made and entered into nunc pro tunc as of May 30, 2003 by and between:

Vicki Broman, an individual residing in Paradise Valley, Arizona (the "Assignor"); and

American Express Travel Related Services Company, Inc., a New York corporation, with an office at 200 Vesey Street, New York, New York 10285 ("Assignee").

WHEREAS, Assignor has agreed to assign and transfer to Assignee all of Assignor's right, title, and interest in and to the Assigned Patents identified on *Exhibit 1*.

NOW, THEREFORE, the mutual agreements of the parties set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, and upon the terms set forth herein, agree as follows:

Assignor does hereby irrevocably assign, sell, transfer, and set over to Assignee, its successors and assigns, its entire right, title, and interest in, to, and under the patents and patent applications listed on Exhibit 1, including all rights pursuant to 35 U.S.C. § 154, any and all letters patents issuing from continuing, counterparts, divisional, and continuation-in-part applications, substitutions, reissues, extensions, renewals, and reexaminations thereof, any foreign counterparts thereof (collectively, the "Assigned Patents") throughout the world, including any and all inventions described therein, all causes of action, and rights to damages and profits, due or accrued, relating to the foregoing, including the right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions. The assignment of the Assigned Patents includes the transfer and delivery to Assignee of all documents that are within Assignors' possession or control related to the conception, diligence, and reduction to practice of the inventions disclosed therein and all domestic and international patent filing documents.

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IN WITNESS WHEREOF, this Assignment of Patents is executed on the date set forth below:

Zing Zing Zing Zing Zing Zing Zing Zing
Vicki Broman (signature must be attested)
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 174
The undersigned witnessed the signature of Vicki Broman to the above Assignment of Patent Rights and makes the following statements:
 I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
Vicki Broman is personally known to me (or proved to me on the basis o satisfactory evidence) and appeared before me on
3. Vicki Broman subscribed to the above Assignment of Patent Rights.
I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.
EXECUTED on(date)
Signature:
Print Name:
STATE OF ARIZONA
COUNTY OF MARICOPA
The foregoing instrument was acknowledged before me this 254 day of 320 20 14

JENNIFER NEUBAUER
A NOTARY PUBLIC - ARIZONA
Maricops County
Yeary Commission Expires
June 15, 2018

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Notary Public /

My Commission Expires

EXHIBIT 1

Application/ Patent No.	Country	Filing Date	Title and Name of First Named Inventor
7299177	US	05/30/2003	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
7778832	US	09/26/2907	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
	·····		Vicki Broman
8036892	US	07/08/2010	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
(3/2272)9	US	09/07/2011	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
13/366851	US	02/06/2012	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
2524226	CA	05/17/2004	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
266479	MX	05/17/2004	Vicki Broman
wayees	MEX	0301704004	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
PCT/US2004/015252	PCT	05/17/2004	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
and the contract of the contra			Vicki Broman
2004246586	AU	05/17/2004	Speaker recognition in a multi-speaker environment and comparison of several voice prints to many
			Vicki Broman
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RECORDED: 03/04/2014