

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3437485

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SECOND INVENTOR'S NAME ON THE ASSIGNMENT previously recorded on Reel 027723 Frame 0118. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIRTHANKAR CHOUDHURI	03/12/2008
ANJALI DEWAN	03/12/2008
AMBER GUPTA	03/12/2008
KATHLEEN HAGGERTY	03/10/2008
DI XU	03/17/2008
CHAO YUAN	03/17/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.
<b>Street Address:</b>	200 VESEY STREET
<b>Internal Address:</b>	3 WORLD FINANCIAL CENTER
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10285-4900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13395456
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6023826228
<b>Email:</b>	krigby@swlaw.com, ipdocket@swlaw.com
<b>Correspondent Name:</b>	HOWARD SOBELMAN,SNELL & WILMER L.L.P.
<b>Address Line 1:</b>	400 EAST VAN BUREN
<b>Address Line 2:</b>	ONE ARIZONA CENTER
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85004-2202
<b>ATTORNEY DOCKET NUMBER:</b>	90655.02339
<b>NAME OF SUBMITTER:</b>	HOWARD SOBELMAN

<b>SIGNATURE:</b>	/Howard Sobelman/
<b>DATE SIGNED:</b>	07/14/2015
<b>Total Attachments: 5</b> source=9065502339_CASN#page1.tif source=9065502339_CASN#page2.tif source=9065502339_CASN#page3.tif source=9065502339_CASN#page4.tif source=9065502339_CASN#page5.tif	

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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Chao Yuan	03/17/2008														
RECEIVING PARTY DATA															
Name:	American Express Travel Related Services Company, Inc.														
Street Address:	200 Vesey Street														
Internal Address:	3 World Financial Center														
City:	New York														
State/Country:	NEW YORK														
Postal Code:	10285-4900														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13398456</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13398456										
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CORRESPONDENCE DATA															
Fax Number:	(602)382-6070														
Phone:	602-382-6228														
Email:	snieto@swlaw.com														
<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:	Snell & Wilmer LLP / Howard I. Sobelman														
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Address Line 2:	400 E. Van Buren														
Address Line 4:	Phoenix, ARIZONA 85004														

CH \$40.00 13398456

**ASSIGNMENT****UTILITY PATENT**

**WHEREAS**, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed in the patent application entitled "Total Structural Risk Model" filed herewith or was filed on February 29, 2008 and assigned U.S. Serial No. 12/040,757.

**AND WHEREAS**, AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., a subsidiary of AMERICAN EXPRESS COMPANY (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of New York having its principal place of business and mailing address at 200 Vesey Street, 3 World Financial Center, New York, New York 10285-4900, is desirous of memorializing its interest therein;

**NOW, THEREFORE**, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee, past employee or a contractor of AMERICAN EXPRESS COMPANY or one of it's subsidiary companies (collectively "AXP") and that ASSIGNOR developed the subject matter of the invention on AXP's time and at the expense of AXP and within the scope of ASSIGNOR's duties as an employee of AXP and thereby ASSIGNOR recognizes that AXP owns the invention as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

**THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, derivative works, and applications based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the invention and any improvements and to file any of the aforementioned applications.

AXP No. 200800156  
8616444

Serial No. 12/040,757  
 Docket No. 90655.2300

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Snell & Wilmer L.L.P., Customer No. 66170 or American Express Company, to insert in this assignment the filing date and/or the application number of said application and/or any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


EXECUTED as of the date written below by ASSIGNOR:

INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Tirthankar Choudhuri DX 70, Kendriya Vihar, Sector 56 Gurgaon Haryana, India 122003	<i>Tirthankar Choudhuri</i>	3/12/08
<u>HS</u> → Anjali Dewan <del>Dewan Anjali</del> #73, Sector 37, Arun Vihar, Noida Uttar Pradesh, India 201301	<i>Anjali</i>	3/12/08
Amber Gupta B-72, Ridgewood Estate, DLF City 4 Gurgaon Haryana, India 122002	<i>Gupta</i>	3/12/08
Kathleen Haggerty 24 Starr Avenue Staten Island, New York 10310		
Di Xu 20 Westwood Circle Edison, New Jersey 08820		
Chao Yuan 18 Clinton Avenue Montclair, New Jersey 07042		
SNELL & WILMER L.L.P. One Arizona Center 400 East Van Buren Phoenix, Arizona 85004-2202 (602) 382-6000		

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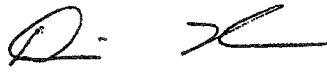
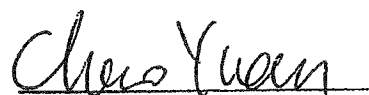
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