

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5693520

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL ADCOCK	09/21/2007
MICHAEL CORMACK	09/27/2007
AMY FARNSTROM	09/26/2007
ROBERT HILL	09/28/2007
RECEIVING PARTY DATA	
Name:	ARCHIPELAGO HOLDINGS, INC.
Street Address:	100 SOUTH WACKER DRIVE, SUITE 1800
City:	CHIGACO
State/Country:	ILLINOIS
Postal Code:	60606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14561967
CORRESPONDENCE DATA	
Fax Number:	(215)656-3301
<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>	
Phone:	215 656 2446
Email:	pto.phil@us.dlapiper.com
Correspondent Name:	RICHARD L. CRUZ
Address Line 1:	ONE LIBERTY PLACE
Address Line 2:	1650 MARKET STREET, SUITE 5000
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	NGI-14-1090R3D-D-DCON2
NAME OF SUBMITTER:	RICHARD L. CRUZ
SIGNATURE:	/RCL/
DATE SIGNED:	08/29/2019
Total Attachments: 5	
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Attorney Docket No. 060-035US

ASSIGNMENT

WHEREAS, we, PAUL ADCOCK of Burr Ridge, Illinois, MICHAEL CORMACK of Vancouver, Canada, AMY FARNSTROM of Oakland, California, and ROBERT HILL of LaGrange, Illinois (the "ASSIGNORS") have invented a certain new and useful invention disclosed in an application for United States Letters Patent entitled, DIVERSE OPTION ORDER TYPES IN AN ELECTRONIC GUARANTEED ENTITLEMENT ENVIRONMENT, filed on July 27, 2007 and assigned U.S. Patent Serial No.11/881,788.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ARCHIPELAGO HOLDINGS, INC., an Illinois corporation located at 100 South Wacker Drive, Suite 1800, Chicago, Illinois, 60606 (hereinafter, together with any successors, assigns, nominees or other legal representatives thereof, called "ASSIGNEE") the entire right, title and interest in and to said application and all divisions, substitutions, continuations and continuations-in-part thereof and any improvements disclosed in or related to the subject matter of said application, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under applicable international conventions, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates and the like) heretofore or hereafter filed from said application or improvements in any foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted from said application or improvements; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all such patents to ASSIGNEE in accordance with the terms of this assignment;

AND ASSIGNORS HEREBY covenant that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith;

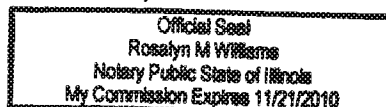
060-035US

AND ASSIGNORS HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said application and improvements and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute and reissue applications, make all rightful oaths and declarations and generally provide assistance as necessary and required to aid ASSIGNEE to obtain proper patent protection from said application and improvements and to enforce such patent protection in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of Sept, 2007.

PAUL ADCOCK

STATE OF ILLINOIS)
COUNTY OF) SS.



On Sept 21, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named PAUL ADCOCK, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

Rosealyn M. Williams
NOTARY PUBLIC

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

MICHAEL CORMACK

STATE OF)
COUNTY OF) SS.

On _____, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named MICHAEL CORMACK, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

NOTARY PUBLIC

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AND ASSIGNORS HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said application and improvements and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute and reissue applications, make all rightful oaths and declarations and generally provide assistance as necessary and required to aid ASSIGNEE to obtain proper patent protection from said application and improvements and to enforce such patent protection in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

PAUL ADCOCK

STATE OF ILLINOIS)
COUNTY OF) SS.

On _____, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named PAUL ADCOCK, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

NOTARY PUBLIC

IN WITNESS WHEREOF, I have hereunto set my hand this 27th day of Sept, 2007.

Michael Cormack
MICHAEL CORMACK

f.k. PROVINCE
STATE OF BRITISH COLUMBIA, CANADA
COUNTY OF WEST VANCOUVER SS.
CITY

f.k. On 27th September, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named MICHAEL CORMACK, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

** By verification of ID*

Fariborz Khashe
NOTARY PUBLIC
Suite 5 - 1742 Marine Drive
West Vancouver, B.C. V7V-1J3
Tel: 604.922.4600

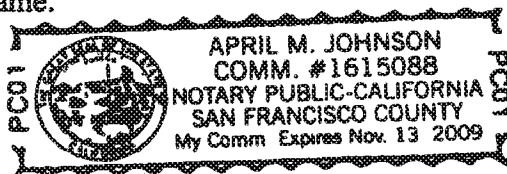
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IN WITNESS WHEREOF, I have hereunto set my hand this 26th day of Sep, 2007.

Amy Farnstrom
AMY FARNSTROM

STATE OF California)
COUNTY OF San Francisco) SS.

On September 26, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named AMY FARNSTROM, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.



April M. Johnson
NOTARY PUBLIC

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

ROBERT HILL

STATE OF ILLINOIS)
COUNTY OF COOK) SS.

On _____, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named ROBERT HILL, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

NOTARY PUBLIC

060-035US

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

STATE OF
COUNTY OF

)
) SS.

AMY FARNSTROM

On _____, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named AMY FARNSTROM, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.

NOTARY PUBLIC

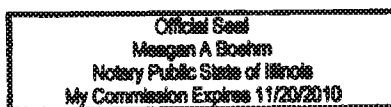
IN WITNESS WHEREOF, I have hereunto set my hand this 28 day of September, 2007.

STATE OF ILLINOIS
COUNTY OF COOK

)
) SS.

Robert Hill
ROBERT HILL

On September 28, 2007, before the undersigned, a Notary Public for the State and County aforesaid, appeared the above-named ROBERT HILL, personally known to me to be the one who executed the foregoing instrument and acknowledged that he executed the same.



Megan A. Boehm
NOTARY PUBLIC