506157138 07/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES FOX	01/21/2014
MARCIAL LAPP	01/20/2014
JULIANNE BOWLES	01/20/2014
RANDEEP RAMAMURTHY	01/22/2014
YUXI XIAO	01/20/2014
DANIEL MUZICH	01/21/2014
THOMAS TRENGA	01/21/2014

RECEIVING PARTY DATA

Name:	US AIRWAYS, INC.
Street Address:	111 W RIO SALADO PARKWAY
City:	TEMPE
State/Country:	ARIZONA
Postal Code:	85281

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16930801	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	HOWARD SOBELMAN
SIGNATURE:	/Howard Sobelman/
DATE SIGNED:	07/16/2020

PATENT 506157138 REEL: 053229 FRAME: 0486 **Total Attachments: 2**

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PATENT REEL: 053229 FRAME: 0487

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

Inventor(s):

James Fox

Docket No.: 61330.00900

Marcial Lapp

Julianne Bowles

Randeep Ramamurthy

Yuxi Xiao Daniel Muzich Thomas Trenga

Serial No.:

14/157,869

Filing Date:

January 17, 2013

Title:

NETWORK OPTIMIZATION SYSTEMS AND METHODS FOR REVENUE

MANAGEMENT UTILIZING DEMAND CLASS REMAPPING

Pursuant to 35 U.S.C.115(e), Applicant herewith submits for recordation a combined declaration and assignment.

Declaration

As the below named inventor, I hereby declare that:

The captioned application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I acknowledge that a person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

Assignment

The undersigned inventor(s) (singly and collectively, "ASSIGNOR") have invented the subject matter disclosed and/or claimed in the captioned patent application.

US Airways, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business and mailing address at 111 W. Rio Salado Parkway, Tempe, Arizona, 85281, is desirous of memorializing its interest therein.

The undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee, past employee or a contractor of ASSIGNEE or one of its subsidiary companies (collectively, "US AIRWAYS") and that ASSIGNOR developed the subject matter of the inventions on US AIRWAYS's time and at the expense of US AIRWAYS and/or within the scope of ASSIGNOR's duties as an

> PATENT **REEL: 053229 FRAME: 0488**

Serial No.: Docket No.: 61330.00900

employee of US AIRWAYS and thereby ASSIGNOR recognizes that ASSIGNEE owns the inventions as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE, its successors, assigns and legal representatives, any and all of ASSIGNOR's rights, title, and interest to the subject matter and inventions, 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, including the rights to sue for all past and future causes of action related to said inventions and subject matter, 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 all countries to issue said patents to ASSIGNEE, including all renewals, extensions, and reissue and reexamination certificates for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR, without further remuneration, hereby transfers and agrees to transfer to ASSIGNEE, its successors, assigns and legal representatives a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions or subject matter, 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 rights, title and interest in and to the invention(s) and subject matter and any improvements and to file any of the aforementioned applications, or to further memorialize ASSIGNEE'S prior agreement to do so; ASSIGNOR authorizes ASSIGNEE and its appointed patent counsel to insert on this document any further identification that may be necessary or desirable by any patent office.

EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
James Fox	R-7	01/21/14
Marcial Lapp	Mulu	01/20/14
Julianne Bowles	juli a bowlee	01/20/14
Randeep Ramamurthy	ANT	01/22/14
Yuxi Xiao	Mari	01/20/14
Daniel Muzich	Na gali	01/21/14
Thomas Trenga		01/21/14

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