506052841 05/11/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JON PETERSON	03/05/2010
WEBB DRYFOOS	02/22/2010
PETER CHARLIER DAVIS	03/01/2010

RECEIVING PARTY DATA

Name:	NEUSTAR, INC.
Street Address:	46000 CENTER OAK PLAZA
City:	STERLING
State/Country:	VIRGINIA
Postal Code:	20166

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16178915
Application Number:	15487178

CORRESPONDENCE DATA

Fax Number: (202)371-2540

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.

Phone: 202-371-2600

Email: rhicks@sternekessler.com, lmiller@sternekessler.com **Correspondent Name:** STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Address Line 1: 1100 NEW YORK AVENUE, NW Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	4380.0700002
NAME OF SUBMITTER:	ROSS G. HICKS
SIGNATURE:	/Ross G. Hicks, #56,374/
DATE SIGNED:	05/11/2020

Total Attachments: 6

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PATENT 506052841 REEL: 052620 FRAME: 0561

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> PATENT REEL: 052620 FRAME: 0562

Application No. <u>12/705,268</u>
Attorney Docket No. <u>330952-00246</u>
Page 1 of 2

ASSIGNMENT

THIS ASSIGNMENT, by JON PETERSON residing at C/O 46000 CENTER OAK PLAZA, STERLING, VIRGINIA 20166, WEBB DRYFOOS residing at C/O CENTER OAK PLAZA, STERLING, VIRGINIA 20166, and PETER CHARLIER DAVIS residing at C/O 46000 CENTER OAK PLAZA, STERLING, VIRGINIA 20166 (hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **METHOD FOR DISTRIBUTING CONTACT INFORMATION BETWEEN APPLICATIONS** as set forth in an application for Letters Patent of the United States,

(1)	 □ which is a provisional application (a) □ bearing Application No, and filed on; (b) □ to be filed herewith; or
(2)	 Which is a non-provisional application (a)
	 (b) having an oath or declaration executed on even date herewith prior to filing of application;
	(c) ☐ having an oath or declaration executed on a different date than this

WHEREAS, **NeuStar**, **Inc.**, a corporation duly organized under and pursuant to the laws of **New Jersey** and having its principal place of business at **46000 Center Oak Plaza**, **Sterling**, **Virginia 20166** (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assign the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

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Attorney Docket No. <u>330952-00246</u>
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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the invention set forth in said application and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full rights and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of KATTEN MUCHIN ROSENMAN, L.L.P. of 2900 K STREET, N.W., SUITE 200, WASHINGTON, D.C. 20007-5118 to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date	Signature of Assignor	
Date	Signature of Assignor	Jon PETERSON
Date	Signature of Assignor	Webb DRYFOOS
Date	Signature of Assignor	Poter Charlier DAVIS
		Peter Charlier DAVIS

Application No. <u>12/705,268</u>
Attorney Docket No. <u>330952-00246</u>
Page 1 of 2

ASSIGNMENT

THIS ASSIGNMENT, by JON PETERSON residing at C/O 46000 CENTER OAK PLAZA, STERLING, VIRGINIA 20166, WEBB DRYFOOS residing at C/O CENTER OAK PLAZA, STERLING, VIRGINIA 20166, and PETER CHARLIER DAVIS residing at C/O 46000 CENTER OAK PLAZA, STERLING, VIRGINIA 20166 (hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **METHOD FOR DISTRIBUTING CONTACT INFORMATION BETWEEN APPLICATIONS** as set forth in an application for Letters Patent of the United States.

(1)	(a)	h is a provisional application ☐ bearing Application No, and filed on; ☐ to be filed herewith; or
(2)		h is a non-provisional application
	(a)	■ bearing Application No. <u>12/705,268</u> ,
		and filed on <u>February 12, 2010</u> ;
	(p)	☐ having an oath or declaration executed on even date herewith prior to filing of application;
	(c)	☐ having an oath or declaration executed on a different date than this Assignment: and

WHEREAS, NEUSTAR, INC., a corporation duly organized under and pursuant to the laws of NEW JERSEY and having its principal place of business at 46000 CENTER OAK PLAZA, STERLING, VIRGINIA 20166 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assign the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

Application No. <u>12/705,268</u> Attorney Docket No. <u>330952-00246</u> Page 2 of 2

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the invention set forth in said application and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full rights and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of KATTEN MUCHIN ROSENMAN, L.L.P. of 2900 K STREET, N.W., SUITE 200, WASHINGTON, D.C. 20007-5118 to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date	Signature of Assignor	
	Jon PETERSON	
Date 2/22/10	Signature of Assignor	
	Webb PRVFOOS	
Date	Signature of Assignor	

Application No. <u>12/705,268</u>
Attorney Docket No. <u>330952-00246</u>
Page 1 of 2

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	(a)	■ bearing Application No. <u>12/705,268</u> ,
		and filed on <u>February 12, 2010</u> ;
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Application No. <u>12/705,268</u> Attorney Docket No. 330952-00246

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Date	Signature of Assignor	
	· ·	Jon PETERSON
Date	Signature of Assignor	•
Date	Signature of Assignor	Webb DRYFOOS
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Date I MARCY 200	Si	// _{//}
Date 1 101 of Date	Signature of Assignor /	Peter Charlier DAVIS

RECORDED: 05/11/2020

PATENT

REEL: 052620 FRAME: 0568