

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4349955

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RODNEY LANCE JOFFEE	09/22/2008
VICTOR JOSEPH OPPLEMAN	09/23/2008
DAVID LINK KING	09/22/2008
BRETT DEAN WATSON	09/22/2008
ANDREW JACKSON	09/22/2008
SEAN LEACH	09/23/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEUSTAR, INC.
<b>Street Address:</b>	46000 CENTER OAK PLAZA
<b>City:</b>	STERLING
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20166
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14922486
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)298-7570
<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>	202-625-3538
<b>Email:</b>	allen.rose@kattenlaw.com
<b>Correspondent Name:</b>	KATTEN MUCHIN ROSENMAN LLP / ALLEN ROSE
<b>Address Line 1:</b>	2900 K STREET NW
<b>Address Line 2:</b>	NORTH TOWER, SUITE 200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	336180-00026
<b>NAME OF SUBMITTER:</b>	ALLEN ROSE
<b>SIGNATURE:</b>	/Allen Rose/
<b>DATE SIGNED:</b>	04/03/2017

**Total Attachments: 7**

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## ASSIGNMENT

THIS ASSIGNMENT, by **Rodney Lance Joffe**, residing at **420 S. Smith Road, Tempe, AZ 85281**, and **Victor Joseph Oppleman**, residing at **576 N. Birdneck Road #710, Virginia Beach, VA 23451**, and **David Link King**, residing at **4817 E. Crimson Terrace, Cave Creek, AZ 85331**, and **Brett Dean Watson**, residing at **12252 N. 62<sup>nd</sup> Street, Scottsdale, AZ 85254**, and **Andrew Jackson**, residing at **46000 Center Oak Plaza, Sterling, VA 20166**, and **Sean Leach**, residing at **7329 Tenby Way, Castle Pines, CO 80108** (hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **SECURE DOMAIN NAME SYSTEM** 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)  bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (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 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 assigns 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;

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 inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right 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 Assignors 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 LLP of 2900 K Street, NW, Suite 200, Washington, DC 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 9/22/08 Signature of Assignor   
Rodney Lance JOFFE

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Victor Joseph OPPLEMAN

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
David Link KING

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Brett Dean WATSON

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Andrew JACKSON

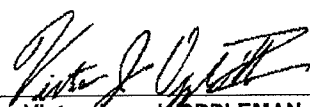
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Sean LEACH

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Date _____	Signature of Assignor	_____
		<b>Rodney Lance JOFFE</b>
Date <u>23 Sep 2008</u>	Signature of Assignor	_____
		 <b>Victor Joseph OPPLEMAN</b>
Date _____	Signature of Assignor	_____
		<b>David Link KING</b>
Date _____	Signature of Assignor	_____
		<b>Brett Dean WATSON</b>
Date _____	Signature of Assignor	_____
		<b>Andrew JACKSON</b>
Date _____	Signature of Assignor	_____
		<b>Sean LEACH</b>

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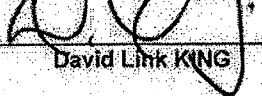
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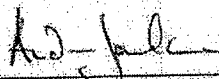
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Date <u>7/23/08</u>	Signature of Assignor	 Sean LEACH