

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5789426

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN JOSEPH MERITY	02/06/2017
CAIMING XIONG	02/07/2017
JAMES BRADBURY	02/06/2017
RICHARD SOCHER	02/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SALESFORCE.COM, INC.
<b>Street Address:</b>	415 MISSION STREET
<b>Internal Address:</b>	3RD FLOOR
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94105
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16664508
<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>Email:</b>	IPDOCKETING@HAYNESBOONE.COM
<b>Correspondent Name:</b>	HAYNES AND BOONE, LLP
<b>Address Line 1:</b>	2323 VICTORY AVENUE, SUITE 700
<b>Address Line 4:</b>	DALLAS, TEXAS 75219
<b>ATTORNEY DOCKET NUMBER:</b>	70689.16US01 / A1863USC1
<b>NAME OF SUBMITTER:</b>	KATARINA CUVALO
<b>SIGNATURE:</b>	/Katarina Cuvalo/
<b>DATE SIGNED:</b>	10/25/2019
<b>Total Attachments: 4</b>	
source=A1863USC1 70689.16US02 Assignment#page1.tif	
source=A1863USC1 70689.16US02 Assignment#page2.tif	

source=A1863USC1 70689.16US02 Assignment#page3.tif

source=A1863USC1 70689.16US02 Assignment#page4.tif

**COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Title of Invention: POINTER SENTINEL MIXTURE ARCHITECTURE

As the below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked)

☒ United States application or PCT international application number 15/421,016, filed on 01/31/2017.

The above-identified 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 hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Whereas, I the undersigned inventor have invented certain new and useful improvements as set forth in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document.

And whereas, "ASSIGNED PROPERTY" shall mean (i) the above-identified United States patent application (the "Application"), (ii) the invention disclosed in the Application, (iii) any application for a patent throughout the world directed to the foregoing or claiming priority to the Application, and (iv) any and all patents resulting from the foregoing.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby irrevocably and unconditionally:

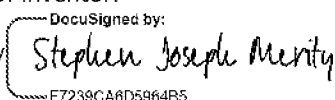
- 1) Sell, assign and transfer to salesforce.com, inc., a Delaware corporation having a place of business at The Landmark @ One Market, Suite 300, San Francisco, CA 94105, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in and to the ASSIGNED PROPERTY.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said ASSIGNED PROPERTY (including division(s), continuation(s), continuation(s)-in-part, substitutes(s), re-examination(s) or reissue(s)) thereof) to the ASSIGNEE.
- 3) Authorize ASSIGNEE, or anyone it may properly designate, to insert on each page of this instrument (where indicated) the filing date and application number of said Application when known.
- 4) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application (as well as any derivative applications and/or foreign applications based thereon) and/or which are reasonably necessary for the enforcement of patents resulting from such application(s).
- 5) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.

6) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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 five (5) years, or both.

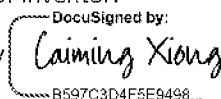
Signed on the date indicated beside my signature.

Legal Name of Inventor: Stephen Joseph Merity

Signature: /  /  
DocuSigned by:  
F7239CA6D5964B5...

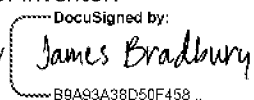
Date: February 6, 2017 | 17:15 PST

Legal Name of Inventor: Caiming Xiong

Signature: /  /  
DocuSigned by:  
B597C3D4F5E9498...

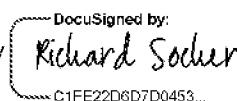
Date: February 7, 2017 | 06:06 PST

Legal Name of Inventor: James Bradbury

Signature: /  /  
DocuSigned by:  
B9A93A38D50F458 ..

Date: February 6, 2017 | 16:40 PST

Legal Name of Inventor: Richard Socher

Signature: /  /  
DocuSigned by:  
C1FE22D6D7D0453...

Date: February 6, 2017 | 18:08 PST

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	30045740
<b>Application Number:</b>	15421016
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	5952
<b>Title of Invention:</b>	POINTER SENTINEL MIXTURE ARCHITECTURE
<b>First Named Inventor/Applicant Name:</b>	Stephen Joseph MERITY
<b>Customer Number:</b>	102549
<b>Filer:</b>	Paul A. Durdik/Diane Wizgird
<b>Filer Authorized By:</b>	Paul A. Durdik
<b>Attorney Docket Number:</b>	SALE 1174-4/1863US
<b>Receipt Date:</b>	11-AUG-2017
<b>Filing Date:</b>	31-JAN-2017
<b>Time Stamp:</b>	14:02:47
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	00579455.PDF	156405	no	2
			70e687ea9e3846819331642f17a6bfa7c6667710		

### Warnings:

**PATENT**

**REEL: 050833 FRAME: 0216**

<b>Information:</b>	
<b>Total Files Size (in bytes):</b>	156405
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>	