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Atty Ref/Docket No.:	1565.330081
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Patent and Trademark Office

ase record the attached original documents or copy thereof. 2. Name and address of receiving party(ies):
Name: Novell, Inc.
Street Address: 1800 South Novell Place
Successive State S
City: Provo State: <u>UT</u> Zip: <u>84606</u> Country: United States of America
Additional name(s) & address(es) attached? []Yes [X]No
on, the execution date of the application is:
B. Patent No.(s)
6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):\$ 40.00
[]Enclosed [X]Authorized to be charged to deposit account 19-0743 8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
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P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 024917 FRAME: 0019

Attorney Docket No. 1565.350US1 Client Ref. No. IDR-2188

ASSIGNMENT

WHEREAS, We, Stephen R Carter, residing at 428 South Nebo Drive, Spanish Fork, Utah 84660, and Scott Alan Isaacson, residing at 985 South Settlement Rd., Woodland Hills, UT 84653,made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on May 20, 2010, which application was assigned U.S. patent application serial number 12/783,615, and is entitled TECHNIQUES FOR EVALUATING AND MANAGING CLOUD NETWORKS;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Novell Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 1800 South Novell Place, M/S H544, Proyo, UT 84606, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. <u>45838</u> may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be

PATENT REEL: 024917 FRAME: 0020 ASSIGNMENT
Client Ref. No. 1DR-2188
Assignors: Stephen R Carter et al.
Title: TECHNIQUES FOR EVALUATING AND MANAGING CLOUD NETWORKS
Page 2 of 4

Docket No: 1565.350US1 Serial Number: 12/783,615

made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

PATENT REEL: 024917 FRAME: 0021 ASSIGNMENT.
Clieni Ref. No. IDR-2188
Assignors: Stephen R Carter et al.
Title: TECHNIQUES FOR EVAL-

Assignors: Stephen R Carles et al.
Trice: TECHNIQUES FOR EVALUATING AND MANAGING CLOUD NETWORKS

Docket.No: 1565.350US1 Serial Number: 12/783,615

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3/2 day of

August 20/0

Stephen R Carter

STATE OF Utak

)ss

COUNTY OF Utaly

On this 31 St day of Atoust , 2016 before me personally appeared Stephen R Carter, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

ANNETTE FIELDS

NOTATY PUBLIC-STRITE OF LYTH

COMMISSIONS 580619

COMM. EXP. 10-22-2013

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Notary Public

PATENT

REEL: 024917 FRAME: 0022

ASSIGNMENT Client Ref. No. IDR-2188

Assignors: Stephen R Carter et al.

Title: TECHNIQUES FOR EVALUATING AND MANAGING CLOUD NETWORKS

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RECORDED: 08/31/2010

Docket No: 1565,350US1

Serial Number: 12/783,615

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

Scott Alan Isaacson

STATE OF Utal

COUNTY OF U HIL

On this 3045 day of Q110445, 2016 before me personally appeared Scott Alan Isaacson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth,

Notary Public

PATENT

REEL: 024917 FRAME: 0023