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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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080305

1. Name of conveying party(ies)/Execution Date(s):

Jon Eric Trowbridge
Nathaniel Dourif Friedman

Execution Date(s) 08/01/2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Novell, Inc.

Internal Address: _____

Street Address: 1800 South Novell Place

City: Provo

State: UT

Country: USA Zip: 84606

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

Internal Address: P.O. Box 10500

Street Address: 1600 Tysons Boulevard

City: McLean

State: VA Zip: 22102

Phone Number: (703) 905-2000

Fax Number: (703) 905-2500

Email Address: sean.ingram@pillsburylaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

062070-0315111

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

August 3, 2005

Date

Sean L. Ingram, Reg. No. 48,283
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/10/2005 BTOM11 00000037 033975 11195754
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ASSIGNMENT

WHEREAS, **Jon Eric Trowbridge**, a citizen of the United States of America, residing at 2111 W. Division, Unit 1, Chicago, Illinois 60622; and **Nathaniel Dourif Friedman**, a citizen of the United States of America, residing at 251 Commonwealth Avenue, Boston, Massachusetts 02116, (hereinafter "Assignors"), have made an invention entitled

**"SYSTEM AND METHOD OF IMPLEMENTING USER ACTION MONITORING
TO AUTOMATICALLY POPULATE OBJECT LAUNCHERS"**

described in an application for United States Letters Patent filed herewith, and

WHEREAS, **Novell, Inc.** (hereinafter "Assignee"), having a place of business at 1800 South Novell Place, Provo, Utah 84606, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes and divisions which may be granted therefor;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Assignors, by these presents do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes and divisions which may be granted therefor and all rights to claim priority on the basis of said application;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute and foreign applications, sign all lawful documents and

make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

Signature of Inventor:
Inventor's Name:


Jon Eric Trowbridge

Date of Execution:

Aug 2, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

County of _____
State of _____

:
: SS
:

On this _____ day of _____ 2005, before me a Notary Public in and for the County and State aforesaid, personally appeared Jon Eric Trowbridge, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Notary Public
My Commission Expires: _____

[SEAL]



Signature of Inventor:
Inventor's Name:

Nathaniel Dourif Friedman

Date of Execution:

August 1, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

County of _____ :
State of _____ : SS
:

On this _____ day of _____ 2005, before me a Notary Public in and for the County and State aforesaid, personally appeared Nathaniel Dourif Friedman, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Notary Public
My Commission Expires: _____

[SEAL]