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Atty Ref/Docket No.: IDR-171.1.US Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Satwinder S. Mangat, Wayne Taylor, Steven G. Mahlum
Additional name(s) of conveying party(ies) attached?
[] Yes [X] No

2. Name and address of receiving party(ies):
Name: Novell, Inc.
Street Address: 1800 South Novell Place

City: Provo State: UT Zip: 84606
Country: United States of America

3. Nature of conveyance:
[] Assignment [] Merger
[] Security Agreement [] Change of Name
[X] Other - Correct name of receiving party on
previously recorded cover sheet for assignment at reel
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Additional name(s) & address(es) attached? [] Yes
[X] No

Execution Date: July 2, 1997, July 2, 1997, July 2, 1997

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) B. Patent No.(s)
Serial No. 08/888,464, filed July 7, 2007 US. Patent 6,081,814

Additional numbers attached? [] Yes [X] No

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

Name: Joseph P. Mehrle
Address: Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1
7. 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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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph P. Mehrle/Reg. No. 45,535
Name of Person Signing Signature Date 04-13-2011
Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
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Alexandria, VA 22313-1450

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PATENT

08/888464
07/07/97

LAW OFFICES OF
**BROADBENT, HULSE
PIERCE & PATE**
A PROFESSIONAL CORPORATION

ATTORNEYS
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GARY D.E. PIERCE

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July 7, 1997

Box PATENT APPLICATION
Assistant Commissioner for
Patents
Washington, D.C. 20231

10-09-1997



100548905

Sir:

The enclosed document is being submitted for recordation in accordance with 37 C.F.R. § 3.11. Pursuant to 37 C.F.R. §§ 3.28 and 3.31, the following information is provided:

Conveying party(ies): Satwinder S. Mangat
Wayne Taylor
Steven G. Mahlum
(all individual citizens of the United States of America)

Receiving party(ies): Novell, Inc.
(a corporation of the state of Utah)
Address: 1555 North Technology Way
Orem, Utah 84057-2399

Nature of conveyance: Assignment
Date of execution: July 2, 1997

Application Serial No: Unassigned. The enclosed document is being submitted together with a new patent application.

Title: DOCUMENT REFERENCE ENVIRONMENT MANAGER

Correspondence concerning this request should be mailed to: A. John Pate
BROADBENT, HULSE, PIERCE & PATE
1050 Key Bank Tower
50 South Main Street
Salt Lake City, Utah 84144

Total number of patents involved: One (1)
Total fee: \$40.00

[xxx] The Commissioner is hereby authorized to charge payment of the above detailed fees associated with this patent application or credit any overpayment to Deposit Account No. 14-1443. A duplicate copy of this sheet is enclosed.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

DATED this 7th day of July, 1997.

10/01/1997 TSTOKES 00000013 DASH:141443 08888464
04 FC:581 40.00 CH

Respectfully submitted,

A. John Pate
Attorney for Applicants

AJP/rjb/PDT
Enclosure
Docket: 1613.P31

PATENT

A S S I G N M E N T

We, Satwinder S. Mangat, Wayne Taylor, and Steven G. Mahlum, whose residence and post office addresses are 874 West 880 North, Orem, Utah 84057, 2146 North 650 East, Provo, Utah 84604, and 629 Cherapple Circle, Orem, Utah 84097, respectively, have invented a method and apparatus entitled "DOCUMENT REFERENCE-ENVIRONMENT MANAGER" (hereinafter called the "invention.")

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 1613.P29 of BROADBENT, HULSE, PIERCE & PATE, 1050 Key Bank Tower, 50 South Main Street, Salt Lake City, Utah 84144, and filed in the United States Patent and Trademark Office on May 12, 1997 as Serial No. 08/854,391.

The Assignee, Novell, Inc., a corporation of the state of Delaware having a principal place of business at 122 East 1700 South, M/S PRV-D12, Provo, Utah 84606-6194 desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00), and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title, and interest in said invention; in the above-identified United States patent application, and in all divisions, continuations and continuations-in-part of said application, and all reissues and extensions of

Letters Patent and Patents granted thereon; in all corresponding applications filed in countries foreign to the United States; and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns, and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reexamination, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

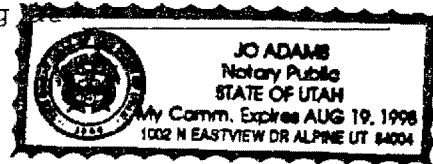
[Signature]
Satwinder S. Mangat

STATE OF UTAH)
: ss.
COUNTY OF Utah)

On July 2, 1997, before me personally appeared Satwinder S. Mangat known to me to be the person described, who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and know the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

[Signature]
NOTARY PUBLIC
Residing

My Commission Expires:
8/19/98



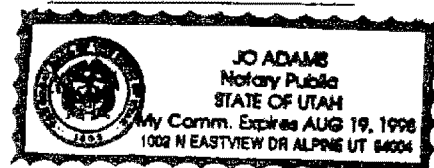
[Signature]
Wayne Taylor

STATE OF UTAH)
: ss.
COUNTY OF Utah)

On July 2, 1997, before me personally appeared Wayne Taylor known to me to be the person described, who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and know the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

[Signature]
NOTARY PUBLIC
Residing at

My Commission Expires:
8/19/98



Steven G. Mahlum

Steven G. Mahlum

STATE OF UTAH)
): SS.
COUNTY OF Utah)

On July __, 1997, before me personally appeared Steven G. Mahlum known to me to be the person described, who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and know the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

Jo Adams

NOTARY PUBLIC
Residing at

My Commission Expires:
8/19/98

Docket: 1613.P31 (IDR 171)

