

09-29-1999

To the Honorable commissioner of Patents ar
Please record the attached original docume



1c678 U.S. PTO
09/398684
09/20/99

1. Name of conveying party(ies):
Sukanta Ganguly
Chin Ming Kuo
MSD 9/20/99

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

101157546
Receiving party(ies):
Name: Novell, Inc.
Street Address: M/S D-121, 122 East 1700 South,
City: Provp.
State: Utah Zip: 84606--6174
Additional name(s) & address(es) attached? _____ Yes No

3. Nature of conveyance:
 Assignment
_____ Merger
_____ Security Agreement
_____ Change of Name
_____ Other

Execution Date: September 14, 1999

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: September 14, 1999

09/398684

A. Patent Application No.(s)
Additional numbers attached? _____ Yes No

B. Patent No. (s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: A. Sidney Johnston
Cesari & McKenna, LLP
Street Address: 30 Rowes Wharf
City: Boston State: MA Zip: 02110

6. Total number of applications and patents involved:..... 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
_____ Authorized to be charged to deposit account
8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)

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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.

A. Sidney Johnston
Name of Person Signing Signature Date
A. Sidney Johnston Total number of pages comprising cover sheet:

PATENTS
112024-0053

ASSIGNMENT

Whereas We, Sukanta Ganguly, who resides at 661 South Orem Blvd., #13, Orem, UT 84058, and Chin Ming Kuo, who resides at 846 Pacheco Dr., Milpitas, CA 95035, have made certain inventions or discoveries (or both) set forth in a provisional application for Letters Patent of the United States of America entitled Predicate Indexing Of Data Stored In A Computer With Application To Indexing Cached Data, identified by Ccsari and McKenna File No. 112024-0053, which application was executed by us on September 14, 1999; and

Whereas Novell, Inc., whose address is M/S D-121, 122 East 1700 South, Provo, Utah 84606-6194, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all subsequent provisional and non-provisional applications as well as divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents

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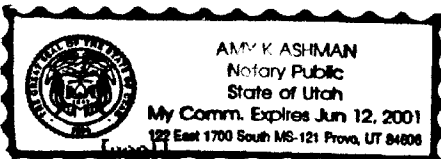
including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

09/14/99 [Signature]
Date Sukanta Ganguly, Inventor

State of Utah)
County of Utah) ss.

On this 14th day of September, 1999, before me appeared Sukanta Ganguly, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.



[Signature]
Notary Public

