

07-17-2002



KIRU-0002

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To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Inderpal Singh Mumick 07/01/02 June 26, 2002
 First Assignor Date of Execution
 Sandeep Sibal June 26, 2002
 Second Assignor Date of Execution
 Third Assignor Date of Execution
 Fourth Assignor Date of Execution
 Fifth Assignor Date of Execution
 Sixth Assignor Date of Execution
 Additional name(s) of conveying party(ies) attached? () YES (x) NO

2. Name and address of receiving party(ies):
 Name: **Kirusa, Inc.**
 Street Address: **3 Conell Drive, Suite 1100**
 City: **Berkeley Heights**
 State **New Jersey** ZIP **07922**
 Additional name(s) & address attached? () YES (X) NO

3. Nature of Conveyance (check only one):
 New Assignment Merger
 License Agreement Security Agreement
 Change of Name Other:
 Cross-reference of Assignment filed in United States
 Application No. ___/___/___, recorded on ___ at
 Reel No. ___ and Frame No. ___

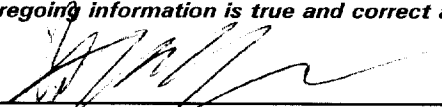
JC971 U.S. PTO
 10/187486
 07701702

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:
 Application Nos.: 10/187486 Patent Nos.: _____ Date application was signed by the first named executing inventor
 June 26, 2002
 (Fill-in this date only if assignment is filed together with a new application)

5. Name and address of party to whom correspondence concerning documents should be mailed:
 Name: Peter M. Ullman, Esq.
 WOODCOCK WASHBURN LLP
 One Liberty Place - 46th Floor
 Philadelphia, Pennsylvania 19103-7301
 215-568-3100

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 Number 23-3050
 8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

DO NOT USE THIS SPACE

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.
 Peter M. Ullman/Reg. No. 43,963  7-1-02
 Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 4

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

07/16/2002 TBIAZ1 00000071 10187486
 01 FC:581 40.00 DP

PATENT
REEL: 013082 FRAME: 0481

DOCKET NO.: KIRU-0002**PATENT
Joint Inventors****(New Application)****ASSIGNMENT**

WHEREAS, we, Inderpal Singh Mumick and Sandeep Sibal, hereinafter referred to as the assignors, residing respectively at 85 Swenson Circle, Berkeley Heights, New Jersey 07922 and 228 Country Club Lane, Scotch Plains, New Jersey 07076 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Case No. KIRU-0002, entitled SYNCHRONIZATION AMONG PLURAL BROWSERS; and

WHEREAS, Kirusa, Inc., hereinafter referred to as the assignee, of 3 Connell Drive, Suite 1100, Berkeley Heights, NJ 07922, a corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns,

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**PATENT
Joint Inventors**

nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

6/26/2002
Date

Inderpal Singh Mumick (L.S.)
Inderpal Singh Mumick

STATE OF New Jersey :
 : SS
COUNTY OF Union :

On this 27th day of June, year of 2002, before me personally came the above named Inderpal Singh Mumick to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Andrea Sponeheimer
Notary Public



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ANDREA SPONHEIMER
Notary Public
State of New Jersey
Commission Expires
August 2, 2005

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PATENT
Joint Inventors

6/26/2002
Date

Sandeep Sibal (L.S.)
Sandeep Sibal

STATE OF New Jersey :
 : SS
COUNTY OF Union :

On this 27th day of June, year of 2002 before me personally came the above named Sandeep Sibal to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Andrea Sponeheimer
Notary Public

ANDREA SPONHEIMER
Notary Public
State of New Jersey
Commission Expires
August 2, 2005

