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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Inderpal Singh Mumick	12/20/2004
Ewald Anderl	12/20/2004
Raja Moorthy	12/20/2004
Prasanna Uppaladadium	12/20/2004

RECEIVING PARTY DATA

Name:	Kirusa, Inc.
Street Address:	2025 Lincoln Highway
Internal Address:	Suite 322
City:	Edison
State/Country:	NEW JERSEY
Postal Code:	08817

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11019754

CORRESPONDENCE DATA

Fax Number: (215)568-3439

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: keeler@woodcock.com

Correspondent Name: Peter M. Ullman
Address Line 1: One Liberty Place

Address Line 2: 46th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19103-7301

NAME OF SUBMITTER: /jennifer j. keeler/

Total Attachments: 5

PATENT REEL: 015588 FRAME: 0608

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> PATENT REEL: 015588 FRAME: 0609

PATENT
Joint Inventors
(Pending Application;
Application No. Unknown)

ASSIGNMENT

WHEREAS, we Inderpal Singh Mumick, Ewald Anderl, Raja Moorthy, and Prasanna Uppaladadium hereinafter referred to as the assignors, residing respectively at 85 Swenson Circle, Berkeley Heights, New Jersey 07922; 44 Fox Hill Road, Middletown, New Jersey 07748; 43B Rivervale Court, Scotch Plains, New Jersey 07076, and 90A Rivervale Court, Scotch Plains, NJ 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-0078, entitled TECHNIQUES FOR COMBINING VOICE WITH WIRELESS TEXT SHORT MESSAGE SERVICES; and

WHEREAS, Kirusa, Inc., hereinafter referred to as the assignee, of 2025 Lincoln Highway, Suite 322, Edison, New Jersey 08817, a corporation 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 good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, 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, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further 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

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Joint Inventors
(Pending Application;
Application No. Unknown)

possible to aid said assignee, its successors, assigns, 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.

We further authorize and direct our attorneys to insert below* the application number and filing date of said application now identified as Case No. KIRU-0078 as soon as the same shall have been made known to them by the United States Patent Office.

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

Dec 20, 2004 Inderpal Singh Mumick

(L.S.)

STATE OF They grey:

On this day of d

Notary Public

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

PATENT
Joint Inventors
(Pending Application;
Application No. Unknown)

12-20-2004 Date

Ewald Ander

STATE OF <u>New Jersey</u>: S COUNTY OF <u>Middleyer</u>: S

On this 2 day of Dec, year of 300, before me personally came the above named 2 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.

Notary Public

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

PATENT
Joint Inventors
(Pending Application;
Application No. Unknown)

December 20, 2004

Raja Moorthy

STATE OF

SS

COUNTY OF Middles

On this 20 day of Dec., year of 20, before me personally came the above named not be 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.

Notary Public

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

PATENT Joint Inventors (Pending Application; Application No. Unknown)

12	20	04
Date		

(L.S.) Prasanna Uppaladadium

COUNTY OF Middlesen:

On this 20th day of Dec, year of 200, before me personally came the above named Presonal Uppelodadium 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.

Notary Public

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