

10-04-2000

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08/08/00

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

<p>1. Name of conveying party(ies):</p> <p>ALOK AGGARWAL, MANIKA KAPOOR, ABHINANDA SARKAR, LAKSHMI RAMACHANDRAN</p> <p>Additional name(s) of conveying party(ies) attached? ___ Yes <u>X</u> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: International Business Machines Corporation Address: New Orchard Road Armonk, NY 10504</p> <p>Additional name(s) & addresses attached? ___ Yes <u>X</u> No</p>
<p>3. Nature of conveyance:</p> <p><u>X</u> Assignment</p> <p>Execution Date(s): <u>August 4, 2000,</u> <u>August 3, 2000, August 3, 2000,</u> <u>August 3, 2000</u></p>	<p>4. Patent Application number(s)</p> <p>/ 09634123</p> <p>Execution Date(s): <u>August 4, 2000,</u> <u>August 3, 2000, August 3, 2000,</u> <u>August 3, 2000</u></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: STEPHEN C. KAUFMAN Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><u>X</u> Charge to Deposit Account No.: <u>09-0468</u></p>

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8. 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 original document.

STEPHEN C. KAUFMAN (Reg. No. 29,551) Stephen C. Kaufman 8/7/00
Name of Person Signing Signature Date

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Date of Deposit: Aug. 8, 2000

PATENT
REEL: 011119 FRAME: 0780

Assignment

Whereas, we,

Alok Aggarwal
of 689 Quaker Street, Chappaqua, New York, USA

Manika Kapoor
of 85 Ambika Vihar, Delhi 110087, India

Abhinanda Sarkar
of A-247 New Friends Colony, New Delhi 110065, India

Lakshmi Ramachandran
of No. 680, Asian Games Village, New Delhi 110049, India

have invented certain improvements in

Clustering in Wireless AD HOC Networks

and executed, respectively, a United States patent application therefor on even date

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

Inventer Signature:

Alok Aggarwal
Alok Aggarwal

Date:

AUG. 4, 2000

Signed and sealed

Inventer Signature:

Manika Kapoor

Date:

Signed and sealed

Inventer Signature:

Abhinanda Sarkar

Date:

Signed and sealed

Inventer Signature:

Lakshmi Ramachandran

Date:

State of New York)ss.:
County of Westchester)

On this 4th day of August 2000, before me personally came ALOK AGGARWAL, to me personally known, and known to me to be the (1) person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Kathleen Cognatello
Notary

KATHLEEN COGNATELLO
NOTARY PUBLIC, State of New York
No. 01CO8034770
Qualified in Westchester County
Commission Expires Dec. 20, 2001

State of)ss.:
County of)

On this _____ day of _____ 19 , before me personally INVENTOR came to me personally known, and known to me to be the (2) person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

State of)ss.:
County of)

On this _____ day of _____ 19 , before me personally INVENTOR came to me personally known, and known to me to be the (3) person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

State of)ss.:
County of)

On this _____ day of _____ 19 , before me personally INVENTOR came to me personally known, and known to me to be the (4) person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Assignment

Whereas, we,

Alok Aggarwal
of 689 Quaker Street, Chappaqua, New York, USA

Manika Kapoor
of 85 Ambika Vihar, Delhi 110087, India

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

Inventer Signature: _____

Alok Aggarwal

Date: _____

Signed and sealed

Inventer Signature:

Manika

Manika Kapoor

Date:

03rd August 2000

Signed and sealed

Inventer Signature:

Abhin

Abhinanda Sarkar

Date:

3 August, 2000.

Signed and sealed

Inventer Signature:

R Lakshmi

Lakshmi Ramachandran

Date:

3rd Aug. 2000

State of)ss.:
County of)

On this day of 19 , before me personally INVENTOR came to me personally known, and known to me to be the (1) person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

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