Docket No. BEA920050018US1

Form PTO -1595 (Modified) (Rev. 6-93)				U.S. Department of Commerce Patent and Trademark Office		
OMB 0651-0011 (exp. 4/94)	DECODDATION I	ODM COVED SI	o e e e	PATENT		
	RECORDATION I	TS ONLY	illi	·		
TO: The Honorable Commission			ttached o	original document(s) or copy(ies).		
Name of conveying party(ies):		2. Nature of Conveyance				
Venkata R. Jagana		Z Assignment	0	Security Agreement		
Krishna Kumar		Z Assignment		Security Agreement		
		☐ License		Change of Name		
		☐ Merger		Other		
		Execution Date: 7-26-7-27-	05 for Ja; 05 for Ku			
3. Name and address of receiving party(in Name: International Business Address: City: Armonk Country USA						
Country: <u>USA</u>	ZH . 10304	4479				
 Application number(s) or registration If this document is being filed together w Patent Application No. 11/197,800 		xecution date of the ap Patent No.(s)	plication	is:		
Name and address of party to whom of document should be mailed:	correspondence concerning	6. Total number o	f applicat	tions and patents involved: 1		
Name: Michael Dryja Registration No.: 39.662 Address: 704 228 th Ave.NE #694		,				
City: <u>Sammamish</u> Country: <u>USA</u>				7. Total fee (37 CFR 3.41): \$40.00		
Telephone: 425-427-5094	211. <u>2007.</u>	☐ Enclosed				
Fax: 425-563-2098		☑ Authorization l	nereby pr	ovided to charge deposit account		
CUSTOMER NUMBE	ER 49474	8. Deposit accoun	t number	<u>501336</u>		
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9. Statement and Signature						
To the best of my knowledge and beli original document.	ief, the foregoing informati	on is true and correct a	ind any a	ttached copy is a true copy of the		
Michael Dryja Name of Person Signing Sign	ature	<u> </u>		9-2-2005 Date		
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REEL: 016717 FRAME: 0436

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BEA920050018US1

ASSIGNMENT OF PATENT APPLICATION

Whereas, we,

Venkata R. Jagana County of Multnomah, State of Oregon, Country of United States

Krishna Kumar Country of India,

cach have invented certain improvements in

Delayed mobile node registration with home agent

and have executed, respectively, a United States patent application therefor on

7/26/05

And 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, I, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

PATENT REEL: 016717 FRAME: 0437

Signed at Beaverton, Oregon, this 24h la	ay of July, 2005
J.V. Ramana	
Venkata R. Jagana	
Signed at	, this day of,
	······································
Krishna Kumar	

Assignment

BEA920050018US1

ASSIGNMENT OF PATENT APPLICATION

Whereas, we,

Venkata R. Jagana County of Multnomah, State of Oregon, Country of United States

Krishna Kumar Country of India,

each have invented certain improvements in

Delayed mobile node registration with home agent

and have executed, respectively, a United States patent application therefor on

7/27/05	
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And 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, I, 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in Connection with the United States and foreign applications when called upon to do so by IBM.

PATENT REEL: 016717 FRAME: 0439 Signed at Beaverton, Oregon, this day of _____.

Venkata R. Jagana

Signed at Mayore ____, this 27 day of _____ 2005

Assignment

Page 2 of 3

PATENT REEL: 016717 FRAME: 0440

RECORDED: 09/02/2005