

09-03-1998

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Form PTO-1595



U.S. Department of Commerce

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S ONLY

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

1. Name of conveying party(ies): a) <u>Chin Lee</u> g) _____ b) <u>Bruce H. Ratcliff</u> h) _____ c) <u>Stephen R. Valley</u> i) _____ d) _____ j) _____ e) _____ k) _____ f) _____ l) _____ More names attached? <u> </u> Y <u> </u> X N		2. Name and address of receiving party(ies): Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Address: New Orchard Road Armonk, NY 10504 More names attached? <u> </u> Y <u> </u> X N	
3. Nature of Conveyance: <u> </u> X Assignment			
4. Application number: _____ Filed: _____ Filed with new application: <u> </u> X yes <u> </u> no Execution date(s): a) <u>August 20, 1998</u> g) _____ b) <u>August 20, 1998</u> h) _____ c) <u>August 20, 1998</u> i) _____ d) _____ j) _____ e) _____ k) _____ f) _____ l) _____ Additional numbers attached? <u> </u> Y <u> </u> X N			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lily Neff, Attorney IBM Corporation Intellectual Property Law 522 South Road, M/S P386 Poughkeepsie NY 12601-5400		6. Total # of applications and patents involved: <u> </u> 01 7. Total fee (37 CFR 3.41): \$ <u> </u> 40.00 8. Charge to Deposit Account 09-0463.	
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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. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <u>Susan L. Phelps</u> _____ Signature </div> <div style="text-align: center;"> Signature </div> <div> <u>8/25/98</u> Date </div> </div>			
Total number of pages including cover sheet, attachments, and document <u> </u> 2			
Express Mail Label No. (if applicable): <u> </u> EE355070358US <u> </u> Docket No.: P09-98-150			

 REEL: 9413 FRAME: 0665
 PATENT

A S S I G N M E N T

Whereas, We

Inventor (1) Chin Lee
County of Dutchess

of Poughkeepsie,
and State of New York,

Inventor (2) Bruce H. Ratcliff
County of Dutchess

of Red Hook,
and State of New York,

and

Inventor (3) Stephen R. Valley
County of Columbia

of Valatie,
and State of New York.

have invented certain improvements in **IP MULTICAST INTERFACE**,
and executed, respectively, a United States patent application therefor on

(1) 8-20-98 (2) 8-20-98 , and
(3) 8-20-98 .

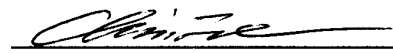
Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM,) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, 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 and Trademarks 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

(1) at Poughkeepsie, NY

on 8/20/98


Chin Lee

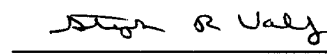
(2) at Poughkeepsie, NY

on 8/20/98


Bruce H. Ratcliff

(3) at Poughkeepsie, NY

on 8/20/98


Stephen R. Valley