Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William T Boyd	11/30/2006
Douglas M Freimuth	11/29/2006
William G Holland	12/06/2006
Steven W Hunter	12/04/2006
Renato J Recio	11/27/2006
Steven M Thurber	11/27/2006
Madeline Vega	11/27/2006

RECEIVING PARTY DATA

Name:	International Business Machines Corporation		
Street Address:	New Orchard Road		
City:	Armonk		
State/Country:	NEW YORK		
Postal Code:	10504		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11567425

CORRESPONDENCE DATA

Fax Number: (512)823-1036

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

5128389834 Phone:

Email: rogersb@us.ibm.com Correspondent Name: Libby Zehava Handelsman

Address Line 1: 11400 Burnet Road

Address Line 2: IBM-Intellectual Property Law Austin, TEXAS 78758-3493 Address Line 4:

AUS920050357US1 ATTORNEY DOCKET NUMBER:

PATENT

500189943 **REEL: 018594 FRAME: 0768**

NAME OF SUBMITTER:	Libby Zehava Handelsman
Total Attachments: 15	
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ASSIGNMENT

Whereas, we,	
(1) William T. Boyd County of <u>Dutchess</u>	of <u>Poughkeepsie</u> and State of <u>New York</u>
and	
(2) Douglas M. Freimuth County of <u>New York</u>	of <u>New York</u> and State of <u>New York</u>
and	
(3) <u>William G. Holland</u> County of <u>Wake</u>	of <u>Cary</u> and State of <u>North Carolina</u>
and	
(4) Steven W. Hunter County of <u>Wake</u>	of <u>Raleigh</u> and State of <u>North Carolina</u>
and	
(5) Renato J. Recio County of <u>Travis</u>	of <u>Austin</u> and State of <u>Texas</u>
and	
(6) Steven M. Thurber County of Williamson	of <u>Austin</u> and State of <u>Texas</u>
and	
(7) Madeline Vega County of <u>Travis</u>	of <u>Austin</u> and State of <u>Texas</u>
have invented certain improvements	in
	ithin and Routing of Communications Packets ti-Host Environment Utilizing Multiple Root Switches
and executed, respectively, a Uni (Dates Inventors Signed Declaration (2) , 20 (4) , 20 (6) , 20	ted States patent application therefore on (1)

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 therefore;

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 invention 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.

(1)	Signed at .	Porghkapie NY	on Nove	<u>ber 30</u> , 200 <u>6</u> .
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and	(2) Signed	at	on	
		-		Douglas M. Freimuth
and	(3) Signed	at	on	
		•		William G. Holland
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		-		Steven W. Hunter
and	(<u>)</u> Signed	I at	оп	

Page 2 of 3

PATENT **REEL: 018594 FRAME: 0771**

Renato J. Recio

and	(6)	Signed	at			on		200
							Steven	M. Thurber
and	(7)	Signed	at .	•		on		200
					<u></u>		Mar	ieline Veca

ASSIGNMENT

of <u>Poughkeepsie</u> and State of <u>New York</u>
of <u>New York</u> and State of <u>New York</u>
of <u>Cary</u> and State of <u>North Carolina</u>
of Raleigh and State of <u>Morth Carolina</u>
of <u>Austin</u> and State of <u>Texas</u>
of <u>Austin</u> and State of <u>Texas</u>
of <u>Austin</u> and State of <u>Texas</u>
in
thin and Routing of Communications i-Rost Environment Utilizing Multi

Packets ple Root

and executed, respectively, a United S	states patent application therefore or
(Dates Inventors Signed Declaration) (1	, 200 .
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	, 200

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(1)	Signed at	····	on,		
		·			William T. Boyd
and	(2) Signed at	Haw tharne,	NY D	on /// 2.9	7 200 6. Fremula Douglas M. Freimuth
and	(3) Signed at			V	
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					Renato J. Recio

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anđ	(7)	Signed at		on	
			-		Madeline Vega

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ASSIGNMENT

Whereas, we,	
(1) William T. Boyd County of <u>Dutchess</u>	of <u>Poughkeepsie</u> and State of <u>New York</u>
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and	
(7) <u>Madeline Vega</u> County of <u>Travis</u>	of <u>Austin</u> and State of <u>Texas</u>
have invented certain improvements	in
in a PCI Switched-Fabric in a mult	thin and Routing of Communications Packets i-Host Environment Utilizing Multiple Root Switches
and executed, respectively, a Unit	ted States patent application therefore on
(Dates Inventors Signed Declaration	(1) (200
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(6) , 200), (5), 200,), and (7), 200
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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 invention 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.

(1)	Signed at		O12	200
			717000000000000000000000000000000000000	William T. Boyd
and	(2) Signed at		on	
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				Renato J. Recio

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		Steven M. Thurber
and (7) Signed at	on	, 200
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_, 200<u>6</u>, (5)____ _, 200__, and (7)_ JAN 06 '00 00:34 FR TO 915128231036 P.05/09

IBM DOCKET NO. AUS920050357US1

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 invention 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.

(1)	Signed at		on	, 200
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Renato J. Recio

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			Madeline Vega

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				Benato J. Recio

Page 2 of 3

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	•	Steven M. Thurber
and (7)	Signed at Custm	Th on now 27, 2006.
		Madeline Vega

Page 3 of 3