In place of Form PTO-1595

07-14-1998 100763579

To the Assistant Commissioner of Patents: Please record the attached original

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Docket No. AT9-98-030

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	s or copy thereof.	9/10 10
1. Name	of conveying party(ies):	2. Name and address of
	les Philip Roth	International Business Machines Corporation New Orchard Road
ed 62	9598	Armonk, New York 10504
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<u>_X</u>	Assignment	
Execut	tion Date:	
4. Appli	cation number(s) or patent number	per(s):
	is document is being filed toge tion date of the application is	ether with a new application, the B
A. Pat	tent Application No.(s)	B. Patent No.(s)
corre	and address of party to whom spondence concerning document d be mailed:	6. Total number of applications and patents involved: <u>1</u>
A	nthony V. S. England	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
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A	ustin, TX 78758 512) 828-6640	8. IBM Corp. Deposit Account No.: 09-0447
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ASSIGNMENT

Whereas, I,

(1) <u>Charl</u>	<u>es P. Roth</u>	of <u>Austin</u> ,
County of	<u>Williamson</u>	and State of <u>Texas</u> ,

have invented certain improvements in

FAST SHIFT AMOUNT DECODE FOR VMX SHIFT AND VPERM INSTRUCTIONS

and executed, respectively, a United States patent application therefor on (1) $\frac{Q}{Q} \frac{1}{2} \frac{2}{2} \frac{Q}{Q}$, 1998. _____, 1998.

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.

(1)	Signed	at	Austan	on	4/241	1998.	
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P. Roth

ASSIGNMENT

Whereas, I,

(1) Charles P. Roth of Austin , County of Williamson and State of Texas,

have invented certain improvements in

FAST SHIFT AMOUNT DECODE FOR VMX SHIFT AND VPERM INSTRUCTIONS

and executed, respectively, a United States patent application therefor on $(1) - \frac{4/79}{}$ ______ 1998.

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.

(1) Signed at <u>Austin</u> on 4 29 , 1998.

Charles P. Roth

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PATENT REEL: 9300 FRAME: 0237

RECORDED: 06/25/1998