Docket No.: ROC920000248USI

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09-05-2001

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101833229 Please reof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Hal H. Ottesen; Gordon J. Smith Name: International Business Machines Corporation Internal Address: Additional name(s) of conveying party(ies) attached? No □Yes Street Address: 3. Nature of conveyance: City: Armonk State: New York ZIP: 10504 ■ Assignment Merger ☐ Security Agreement Change of Name Country: ☐ Other Additional name(s) & addresses attached? Execution Date: August 15, 2001 and August 20, 2001 ☐ Yes 🛛 No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application Serial No.(s)/Filing Date(s) B. Patent No.(s) Additional numbers attached?
Yes No 7/934767 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41). . \$40.00 Name: Patrick G. Billig ⊠ Enclosed. Authorized to be charged to deposit account. Any deficiencies in enclosed fees should be charged to deposit account 500471. Address: DICKE, BILLIG & CZAJA, P.A. 701 Building, Suite 1250 8. Deposit Account Number: 500471 701 Fourth Avenue South (Attach duplicate copy of this page if paying by deposit account) Minneapolis, MN 55415 DO NOT USE THIS SPACE 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. Patrick G. Billig (Name of Person Signing) Signature Total number of pages comprising cover sheet, attachments and document: 2 OMB No. 0651-0011 (exp. 4/94) 09/04/2001 LMUELLER 00000103 09934767 Do not detach this portion

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PATENT REEL: 012125 FRAME: 0564

Docket No.: ROC9-2000-0248-USI

Whereas, I/v		SIGNMENT	
vv nereas, 1/v	we		
((1) Hal Hjalmar Ottesen County of Olmsted	City of Rochester and State of Minnesota,	
and	(2) Gordon James Smith County of Olmsted	City of Rochester and State of Minnesota	
and	(3) , County of ,	City of , and State of ,	
have invented	d certain improvements in		
	ADAPTIVE DUAL	L-FREQUENCY NOTCH FILTER	
and have exe	cuted, respectively, a United States paten	t application therefor on	
Dates Invent	ors Signed Declaration:		
(1) _	August 15 , 2001 (2) Augus	t 20, 2001 and (3)	, 20
having a place	te of business at Armonk, New York 10.	ESS MACHINES CORPORATION, a corpor 504, (hereinafter called IBM), desires to acquire to any United States and foreign patents to be obt	the entire right, title
sell, assign, a invention the said United S invention set foreign Letter	and transfer to IBM, its successors and arein disclosed for the United States and States application, and I/we request the Coforth in said application to IBM, its successors	eccipt whereof is hereby acknowledged, I/we the assigns, the entire right, title and interest in the foreign countries, and all rights of priority results. Commissioner of Patents to issue any Letters Pateccessors and assigns; and I/we hereby agree that execute all papers necessary in connection with the I.	said application and ing from the filing of ent granted upon the IBM may apply for
Signed		11 0 1/1 0 DA	
Inventor	at Rochester, MN	Hall Mallin (Hall Hjalmar Ottesen)	Inventor Signature
(1)	on 8/15,20 <u>01</u> .		
Inventor	at Rochester, MN	(Gordon James Smith)	Inventor Signature
(2)	on 820, 2001.		
Inventor	at	(First Name, Initial, Last Name)	Inventor Signature
(3)	on, 20	(i list ivalite, illudi, Last ivalite)	ozgrana c

RECORDED: 08/22/2001

PATENT REEL: 012125 FRAME: 0565