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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Evangelos S. Eleftheriou	12/12/2007
Robert A. Hutchins	02/06/2008
Sedat Oelcer	12/06/2007

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12027258

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ATTORNEY DOCKET NUMBER: TUC920070100US1

NAME OF SUBMITTER: Dan Shifrin

Total Attachments: 2

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PATENT

REEL: 020619 FRAME: 0402

ASSIGNMENT

IBM DOCKET: TUC920070100US1 Page I of 1

Whereas, we

Evangelos S. Eleftheriou	of	Zurich	County of		and Country of	<u>\$W</u>	and
Robert A. Hutchins	of	Tucson	County of	<u>Pima</u>	and State of	<u>AZ</u>	and
Sedat Oelcer	of	Kilchberg	County of		and Country of	<u>sw</u>	

have invented certain improvements in

obtained therefor:

and executed, respectively, a United States patent application therefore on

GAIN CONTROL FOR DATA-DEPENDENT DETECTION IN MAGNETIC STORAGE READ CHANNELS

(1) <u>Dec 12, 2017</u> (2)	(3) Dec. 6 2007
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 ins	vention, and to any United States and forcign patent to be

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to fBM, 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 in all foreign countries, and all rights of priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions 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.

at on	Rüschlikan Dec 12, 2001	Evangelos S. Eleftheriou			
at on		Robert A. Hutchins			
at on	Rischlikon Dec. 6,2007	Sedat Ölger Sedat Oelcer			

PATENT REEL: 020619 FRAME: 0403

ASSIGNMENT

IBM DOCKET: TUC920070100US1 Page 1 of 1

Whereas, we

RECORDED: 03/08/2008

Evangelos S. Eleftheriou Robert A. Hutchins Sedat Oelcer	of of of	Zurich Tucson Kilchberg	County of County of County of	<u>Pima</u>	and Country of and State of and Country of	SW AZ SW	and and	
have invented certain improvements in								
GAIN CONTROL FOR DATA-DEPENDENT DETECTION IN MAGNETIC STORAGE READ CHANNELS								
and executed, respectively,	, a Un	ited States pa	tent application	therefor	re on			
(1)	(2)	2/4/	2008 (3)				
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 patent 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 in all foreign countries, and all rights of priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions 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.								
at								
on	on Evangelos S. Eleftheriou							
at Tueson Robert A. Hutchins								
at on			Sedat Oelcer					

PATENT REEL: 020619 FRAME: 0404