FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

03-28-2001



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U.S. Department of Commerce Patent and Trademark Office

PATENT

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	nes of conveying parties attached Execution Date				
Name (line 1) CARL R. MESSENGER	Month Day Year 02-28-2001				
Name (line 2)					
Second Party	Execution Date Month Day Year				
Name (line 1) DAVID D. NGUYEN	02-28-2001				
Name (line 2)	09796921				
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Name (line 1) WESTERN DIGITAL CORPORATION	If document to be recorded is an assignment and the				
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Patent Coop	peration Treaty (PCT)				
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Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)					
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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. Charges to deposit account are authorized, as indicated herein.					
Milad G. Sh	nara, Esq. Reg. 39,367	White I-		2-28-01	
Name	of Person Signing	Signature	********	Date	

ASSIGNMENT

Whereas, I, <u>Carl R. Messenger</u>, a <u>USA</u> citizen, residing at <u>Mission Viejo</u>, <u>CA</u>, have invented certain new and useful improvements in DISK DRIVE WITH EFFICIENT COIL TEMPERATURE ESTIMATION (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>Herewith</u>, Application No. <u>Unknown</u> (hereafter "Application"); and

Whereas, Western Digital Corporation. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all reights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Carl R. Messenger

Carl R. Messenger

Date

State of California)
) ss.
County of Orange)

On February 28th, 2001, before me, Adriana Varela, Notary Public, personally appeared Carl R. Messenger and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ADRIANA VARELA
Commission © 1244301
Notary Public - Culturia
Orange County
MyComm. Expires May 19, 2004

Notary Signature

PATENT REEL: 011613 FRAME: 0679

ASSIGNMENT

Whereas, I, <u>David D. Nguyen</u>, a <u>USA</u> citizen, residing at <u>Fountain Valley</u>, <u>CA</u>, have invented certain new and useful improvements in <u>DISK DRIVE WITH EFFICIENT COIL TEMPERATURE ESTIMATION</u> (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>Herewith</u>, Application No. <u>Unknown</u> (hereafter "Application"); and

Whereas, Western Digital Corporation. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all reights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

David D. Nguyen 2/21/01
David D. Nguyen

Date

State of California)
) ss.
County of Orange)

On February 28th, 2001, before me, Adriana Varela, Notary Public, personally appeared Carl R. Messenger and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ADRIANA VARELA
Commission # 1264391
Notary Public - California
Orange County
My Comm. Expires May 19, 2004

RECORDED: 03/28/2001

Notary Signature

PATENT REEL: 011613 FRAME: 0680