PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WESTERN DIGITAL CAPITAL, LLC	06/19/2020

RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.	
Street Address:	5601 GREAT OAKS PARKWAY	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95119	

PROPERTY NUMBERS Total: 32

Property Type	Number
Application Number:	09585129
Application Number:	09585804
Application Number:	09608103
Application Number:	09618209
Application Number:	09618765
Application Number:	09618766
Application Number:	09618767
Application Number:	09628581
Application Number:	09628582
Application Number:	09630069
Application Number:	09660002
Application Number:	09675850
Application Number:	09678177
Application Number:	09728624
Application Number:	09728634
Application Number:	09773941
Application Number:	09796701
Application Number:	09796915
Application Number:	09848797
Application Number:	09863194

PATENT REEL: 053208 FRAME: 0828

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Property Type	Number
Application Number:	09863572
Application Number:	09888107
Application Number:	09888275
Application Number:	09918666
Application Number:	09920575
Application Number:	10004100
Application Number:	10062927
Application Number:	10137237
Application Number:	10176498
Application Number:	11265752
Application Number:	14160360
Application Number:	16005476

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4088012863

Email: simona.benjamin@wdc.com

Correspondent Name: WESTERN DIGITAL TECHNOLOGIES

Address Line 1: 951 SANDISK DRIVE

Address Line 2: LEGAL DEP./SIMONA BENJAMIN Address Line 4: MILPITAS, CALIFORNIA 95035

ATTORNEY DOCKET NUMBER: WD CAPITAL LLC TO WDTECHI	
NAME OF SUBMITTER: SIMONA BENJAMIN	
SIGNATURE:	/SB/
DATE SIGNED:	07/14/2020

Total Attachments: 3

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PATENT REEL: 053208 FRAME: 0829

ASSIGNMENT

WHEREAS, Western Digital Capital, LLC. ("Assignor"), a Delaware Limited Liability Company, having an address at 5601 Great Oaks Parkway, San Jose, California 95119 U.S.A., is desirous of assigning all patents, patent applications and inventions (collectively, the "Patents") that Assignor owns, including the Patents that Assignor solely owns or jointly owns, and including the Patents listed in the attached Patent Schedule (all of the foregoing collectively, the "Patent Assets"); and

WHEREAS, **Western Digital Technologies, Inc.** ("Assignee"), a Delaware corporation, having an address at 5601 Great Oaks Parkway, San Jose, California 95119 U.S.A., is desirous of acquiring Assignor's entire rights, title and interests in and to the Patent Assets.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, this assignment is hereby entered into as follows:

Assignor agrees to and does hereby assign, transfer and grant to Assignee, its legal representatives, successors, and assigns, Assignor's entire rights, title and interests in and to the Patent Assets worldwide whether existed in the past, exist now or come into existence later, including all United States ("U.S."), non-U.S. and regional patents and patent applications worldwide (i) that claim priority, directly or indirectly, from any of the Patent Assets, (ii) from which any of the Patent Assets claims priority, directly or indirectly, or (iii) that claim any common priority, directly or indirectly, with any of the Patent Assets, including all inventions in any of the foregoing, including all applications, international applications, regional applications, national applications, national stage applications, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, substitutes, reexaminations, inter partes review applications, post grant review applications, covered business method applications, reissues, and extensions of any of the foregoing, including all patents, registrations, certificates, governmental grants, and renewals of any of the foregoing, including all rights to claim priority, file applications, and obtain grants, renewals and extensions in connection with any of the foregoing, including all rights to assert, defend and recover title in connection with any of the foregoing, and including all rights to sue and recover for any past, present and future infringement, misappropriation, violation, damages, lost profits, royalties, and payments in connection with any of the foregoing, in each case, as may have existed in the past, exist now or come into existence in the future throughout the world. Assignee accepts all of such rights, title and interests assigned herein.

Assignor does hereby agree with said assignee that Assignor will, without further or additional consideration, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect said assignee's enjoyment of this assignment or to carry out the purposes of this assignment. The words "include" and "including," and variations thereof, will not be deemed to be terms of limitation, but rather will be deemed to be followed by the word "without limitation." This assignment will be governed by and construed in accordance with the laws of the State of Delaware, without regard to its choice of law principles.

Assignor authorizes and requests all Letters Patent and certificates based on any of the Patent Assets (including the foregoing patents, patent applications, and inventions) to be issued to Assignee, its legal representatives, successors, and assigns, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, the parties have executed this assignment as of the last date written below.

Western Digital Capital, LLC	Western Digital Technologies, Inc.		
By <u>/Sww Jose</u> Name: Brian Jones	By Name: David Dutcher		
Title: Assistant General Counsel	Title: Chief Patent Counsel		
Date:	Date:		

PATENT REEL: 053208 FRAME: 0830

ASSIGNMENT

WHEREAS, **Western Digital Capital, LLC.** ("Assignor"), a Delaware Limited Liability Company, having an address at 5601 Great Oaks Parkway, San Jose, California 95119 U.S.A., is desirous of assigning all patents, patent applications and inventions (collectively, the "Patents") that Assignor owns, including the Patents that Assignor solely owns or jointly owns, and including the Patents listed in the attached Patent Schedule (all of the foregoing collectively, the "Patent Assets"); and

WHEREAS, **Western Digital Technologies, Inc.** ("Assignee"), a Delaware corporation, having an address at 5601 Great Oaks Parkway, San Jose, California 95119 U.S.A., is desirous of acquiring Assignor's entire rights, title and interests in and to the Patent Assets.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, this assignment is hereby entered into as follows:

Assignor agrees to and does hereby assign, transfer and grant to Assignee, its legal representatives, successors, and assigns, Assignor's entire rights, title and interests in and to the Patent Assets worldwide whether existed in the past, exist now or come into existence later, including all United States ("U.S."), non-U.S. and regional patents and patent applications worldwide (i) that claim priority, directly or indirectly, from any of the Patent Assets, (ii) from which any of the Patent Assets claims priority, directly or indirectly, or (iii) that claim any common priority, directly or indirectly, with any of the Patent Assets, including all inventions in any of the foregoing, including all applications, international applications, regional applications, national applications, national stage applications, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, substitutes, reexaminations, inter partes review applications, post grant review applications, covered business method applications, reissues, and extensions of any of the foregoing, including all patents, registrations, certificates, governmental grants, and renewals of any of the foregoing, including all rights to claim priority, file applications, and obtain grants, renewals and extensions in connection with any of the foregoing, including all rights to assert, defend and recover title in connection with any of the foregoing, and including all rights to sue and recover for any past, present and future infringement, misappropriation, violation, damages, lost profits, royalties, and payments in connection with any of the foregoing, in each case, as may have existed in the past, exist now or come into existence in the future throughout the world. Assignee accepts all of such rights, title and interests assigned herein.

Assignor does hereby agree with said assignee that Assignor will, without further or additional consideration, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect said assignee's enjoyment of this assignment or to carry out the purposes of this assignment. The words "include" and "including," and variations thereof, will not be deemed to be terms of limitation, but rather will be deemed to be followed by the word "without limitation." This assignment will be governed by and construed in accordance with the laws of the State of Delaware, without regard to its choice of law principles.

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IN WITNESS WHEREOF, the parties have executed this assignment as of the last date written below.

Western Digital Capital, LLC	Western Digital/Technologies, Inc.
Ву	By Dellar
Name: Brian Jones	Name: David Dutcher
Title: Assistant General Counsel	Title: Chief Patent Counsel
Date:	Date: 6/12/20

PATENT REEL: 053208 FRAME: 0831

Patent Schedule

COUNTRY	STATUS	SER#	FILING DATE	PAT#	ISSUE DATE
US	Issued	09585129	May 31, 2000	7949564	May 24, 2011
US	Issued	09585804	May 31, 2000	6724982	Apr 20, 2004
US	Issued	09608103	Jun 30, 2000	7215771	May 8, 2007
US	Issued	09618209	Jul 18, 2000	7150036	Dec 12, 2006
US	Issued	09618765	Jul 18, 2000	7054937	May 30, 2006
US	Issued	09618766	Jul 18, 2000	6983316	Jan.3, 2006
US	Issued	09618767	Jul 18, 2000	6973495	Dec 6, 2005
US	Issued	09628581	Jul 31, 2000	6665772	Dec 16, 2003
US	Issued	09628582	Jul 31, 2000	6928470	Aug 9, 2005
US	Issued	09630069	Jul 31, 2000	7155616	Dec 26, 2006
US	Issued	09660002	Sep 11, 2000	6697914	Feb 24, 2004
US	Issued	09675850	Sep 28, 2000	6888831	May 3, 2005
US	Issued	09678177	Sep 28, 2000	6965563	Nov 15, 2005
US	Issued	09728624	Nov 30, 2000	7002926	Feb 21, 2006
US	Issued	09728634	Nov 30, 2000	6744772	Jun 1, 2004
US	Issued	09773941	Jan 31, 2001	6480932	Nov 12, 2002
US	Issued	09796701	Feb 28, 2001	6948165	Sep 20, 2005
US	Issued	09796915	Feb 28, 2001	6691213	Feb 10, 2004
US	Issued	09848797	May 4, 2001	6826614	Nov 30, 2004
US	Issued	09863194	May 23, 2001	6931439	Aug 16, 2005
US	Issued	09863572	May 23, 2001	7024491	Apr 4, 2006
US	Issued	09888107	Jun 22, 2001	6711660	Mar 23, 2004
US	Issued	09888275	Jun 22, 2001	6892217	May 10, 2005
US	Issued	09918666	Jul 30, 2001	7275116	Sep 25, 2007
US	Issued	09920575	Jul 31, 2001	7024549	Apr 4, 2006
US	Issued	10004100	Oct 31, 2001	7415571	Aug 19, 2008
US	Issued	10062927	Jan 31, 2002	6647481	Nov 11, 2003
US	Issued	10137237	Apr 30, 2002	6792486	Sep 14, 2004
US	Issued	10176498	Jun 21, 2002	7274659	Sep 25, 2007
US	Issued	11265752	Nov 2, 2005	7725584	May 25, 2010
US	Issued	14160360	Jan 21, 2014	9998390	Jun 12, 2018
US	Published	16005476	Jun 11, 2018		

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RECORDED: 07/14/2020