

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PAT1845181

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Sandisk Technologies, Inc.	02/06/2025
RECEIVING PARTY DATA		
Company Name:	Western Digital Technologies, Inc.	
Street Address:	951 Sandisk Drive	
City:	Milpitas	
State/Country:	CALIFORNIA	
Postal Code:	95035	
PROPERTY NUMBERS Total: 37		
Property Type	Number	
Application Number:	17061820	
Application Number:	17409667	
Application Number:	17319518	
Application Number:	17537302	
Application Number:	17554414	
Application Number:	17507185	
Application Number:	17643398	
Application Number:	17643401	
Application Number:	17649249	
Application Number:	18590557	
Application Number:	17651254	
Application Number:	18406202	
Application Number:	17651257	
Application Number:	18161209	
Application Number:	17736072	
Application Number:	17714793	
Application Number:	17659688	
Application Number:	17714886	
Application Number:	18157747	
Application Number:	18160974	

PATENT

Property Type	Number
Application Number:	18231706
Application Number:	18231716
Application Number:	18352398
Application Number:	18364506
Application Number:	18499024
Application Number:	18499069
Application Number:	18389155
Application Number:	18533655
Application Number:	18617918
Application Number:	63661682
Application Number:	18922628
Application Number:	18784034
Application Number:	18805352
Application Number:	18830920
Application Number:	11963484
Application Number:	17738425
Application Number:	18897295

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: 8014309171

Email: usparalegals@teakipservices.com

Correspondent Name: Tanya Torres

Address Line 1: 240 N. East Promontory

Address Line 2: Suite 200

Address Line 4: Farmington, UTAH 84025

NAME OF SUBMITTER:	Tanya Torres
SIGNATURE:	/Tanya Torres/
DATE SIGNED:	02/24/2025

Total Attachments: 9
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INTELLECTUAL PROPERTY LEGAL TITLE TRANSFER AGREEMENT

This INTELLECTUAL PROPERTY LEGAL TITLE TRANSFER AGREEMENT (the "Agreement") is made and entered into effective as of February 6, 2025 ("Effective Date") by and between:

Sandisk Technologies, Inc., a company organized and existing under the laws of the State of Delaware, U.S.A. ("Assignor"),

and

Western Digital Technologies, Inc., a company organized and existing under the laws of Delaware, U.S.A. ("Assignee").

Assignor and Assignee are each a "Party" and collectively the "Parties".

RECITALS

- A. The Parties have determined that it is advisable and in the best interests of Assignee and Assignor for Assignor to convey, transfer and assign to Assignee, and for Assignee to acquire and accept from Assignor, legal title to the Intellectual Property (as defined herein), upon the terms and subject to the conditions set forth in this Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Parties hereby agree as follows:

Section 1 - Assignment of Legal Title to the Intellectual Property

1.1 Intellectual Property. "Intellectual Property" means any and all rights in and to the patents and patent applications listed in Exhibit 1, including all related divisions, continuations, continuing prosecution applications, continuations in part, reissues, renewals, reexaminations and extensions thereof, that are owned by Assignor.

1.2 Assignment of Legal Title to Intellectual Property. Assignor hereby transfers, conveys, assigns and agrees to deliver to Assignee, and Assignee hereby acquires and accepts from Assignor, legal title/ownership to the Intellectual Property as well as all rights of priority resulting from the filing of a priority application. The Parties acknowledge and agree that such assignment includes, but is not limited to, the right to sue and recover damages for past, present and future infringement claims with respect to the Intellectual Property and freely control any such lawsuits or settlements of the same.

1.3 Existing Licenses. For the avoidance of doubt, the Parties acknowledge and agree that Assignee acquires legal title/ownership to the Intellectual Property subject to any and all existing licenses of the Intellectual Property granted by Assignor or Assignor's predecessors in interest.

Section 2 - General Provisions

2.1 Further Assurances. If any actions are necessary by the Parties to effect the transfer of legal title, the Parties agree to undertake those actions, and if the change in legal title cannot be registered with a patent office upon the transfer of legal title, the Parties will take all actions necessary and as soon as possible and consistent with the actual transfer of legal title.

2.2 Governing Law. The laws of the State of California, U.S.A (without reference to its principles of conflicts of law) govern the construction, interpretation and other matters arising out of or in connection with this Agreement (whether arising in contract, tort, equity or otherwise).

2.3 Severability. If any provision of this Agreement is determined to be invalid, illegal or unenforceable, the remaining provisions of this Agreement shall remain in full force, if the essential terms and conditions of this Agreement for each Party remain valid, binding and enforceable.

2.4 No Waiver. The failure by either Party to assert any of its rights hereunder, including, but not limited to, the right to terminate this Agreement due to a breach or default by the other Party, shall not be deemed to constitute a waiver by that Party of its right thereafter to enforce each and every provision of this Agreement in accordance with its terms.

2.5 Entire Agreement. This Agreement constitutes the final agreement between the Parties with respect to the subject matter contained herein, and is the complete and exclusive statement of the Parties' agreement on the matters contained herein. All prior and contemporaneous negotiations and agreements between the Parties with respect to the matters contained herein are superseded by this Agreement.

2.6 Amendment. The Parties may amend this Agreement only by a written agreement signed by each Party to be bound by the amendment and that identifies itself as an amendment to this Agreement.

2.7 Counterparts. The Parties may execute this Agreement in multiple counterparts, each of which constitutes an original instrument, and all of which together constitute one agreement. The signatures of both Parties need not appear on the same counterpart. The delivery of signed counterparts by facsimile or email transmission that includes a copy of the sending Party's signature is as effective as signing and delivering the counterpart in person.

2.8 Successors and Assigns. This Agreement shall be binding on and inure to the benefit of the Parties, their successors in interest and assigns.

2.9 Authority. Each of the Parties represents to the other that (a) it has the corporate or other requisite power and authority to execute, deliver and perform this Agreement, (b) the execution, delivery and performance of this Agreement has been duly authorized by all necessary corporate or other action, (c) it has duly and validly executed and delivered this Agreement, and (d) this Agreement is a legal, valid and binding obligation, enforceable against it in accordance with its terms, subject to applicable bankruptcy, insolvency, reorganization, moratorium or other similar laws affecting creditors' rights generally and general equity principles.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives effective as of the Effective Date.

Western Digital Technologies, Inc.

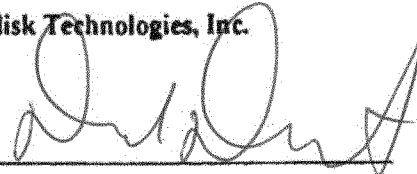
By: 

Name: David Chan

Title: Assoc. Gen. Counsel

Date: Feb. 6, 2025

Sandisk Technologies, Inc.

By: 

Name: David Dutcher

Title: VP, Legal

Date: Feb. 6, 2025

Exhibit 1

	Ref No.	Country	Application Number	Application Filing Date	Patent Number	Patent Issue Date	Publication Number
1.	H20131018 US1	US	14/156,356	Jan 15, 2014	9,459,835	Oct 4, 2016	20150199 177
2.	H20131018 US2	US	15/257,741	Sep 6, 2016	10,175,948	Jan 8, 2019	
3.	H20151098 US1	US	14/865,388	Sep 25, 2015	9,793,922	Oct 17, 2017	
4.	H20151215 US1	US	15/245,079	Aug 23, 2016	10,177,785	Jan 8, 2019	
5.	H20161037 CN1	CN	201810234156.4	Mar 20, 2018	ZL201810234156.4	Dec 24, 2021	CN10914 4767
6.	H20161037 US1	US	15/626,027	Jun 16, 2017	10,379,952	Aug 13, 2019	
7.	H20161118 CN1	CN	201810240554.7	Mar 22, 2018	ZL201810240554.7	Dec 17, 2021	CN10914 4768
8.	H20161118 US1	US	15/626,043	Jun 16, 2017	10,243,583	Mar 26, 2019	
9.	H20161160 CN1	CN	201880018722.6	Mar 3, 2018	ZL201880018722.6	Jun 30, 2023	CN11043 1542A
10.	H20161160 US1	US	15/608,945	May 30, 2017	10,540,323	Jan 21, 2020	
11.	HSJ920050 226US2	US	11/542,086	Oct 2, 2006	7,446,984	Nov 4, 2008	2007-0133251
12.	HSJ920050 226US6	US	11/615,885	Dec 22, 2006	7,466,515	Dec 16, 2008	2007-0137028
13.	HSJ920050 226US7	US	11/615,865	Dec 22, 2006	7,833,388	Nov 16, 2010	2007-0138002
14.	HSJ920050 226US8	US	11/845,239	Aug 27, 2007	8,004,374	Aug 23, 2011	2008-0042779
15.	HSJ920070 061US1	US	11/781,576	Jul 23, 2007	7,826,182	Nov 2, 2010	2009-0027813
16.	HSJ920070 061US2	US	12/553,864	Sep 3, 2009	8,154,829	Apr 10, 2012	2009-0323228
17.	HSJ920070 061US3	US	12/904,080	Oct 13, 2010	8,351,165	Jan 8, 2013	
18.	SDA-3117-US	US	15/671,141	Aug 7, 2017	10,256,843	Apr 9, 2019	
19.	WDA-4052-CN	CN	201910884492.8	Sep 19, 2019	ZL201910884492.8	Feb 27, 2024	CN11104 7031A
20.	WDA-4052-DE	DE	19195170.6	Sep 3, 2019	3637326	Jul 31, 2024	3637326
21.	WDA-4052-GB	GB	19195170.6	Sep 3, 2019	3637326	Jul 31, 2024	3637326
22.	WDA-4052-US	US	16/354,907	Mar 15, 2019	11,501,141	Nov 15, 2022	2020-0117982
23.	WDA-4122-a-US	US	17/668,037	Feb 9, 2022			
24.	WDA-4122-CN	CN	201911279916.4	Dec 13, 2019	ZL201911279916.4	May 24, 2022	CN11156 5258A
25.	WDA-4122-i-CN	CN	202210171575.4	Dec 13, 2019	ZL202210171575.4	May 28, 2024	CN11459 8783A
26.	WDA-4122-US	US	16/275,167	Feb 13, 2019	11,275,968	Mar 15, 2022	
27.	WDA-4157-US	US	16/452,110	Jun 25, 2019	11,074,318	Jul 27, 2021	

	Ref No.	Country	Application Number	Application Filing Date	Patent Number	Patent Issue Date	Publication Number
28.	WDA-4157-a-US	US	17/370,716	Jul 8, 2021	11,741,188	Aug 29, 2023	
29.	WDA-4157-CN	CN	201980006345.9	Aug 16, 2019	ZL201980006345.9	Jan 23, 2024	CN111656368A
30.	WDA-4157-EP	EP	19888250.8	Aug 16, 2019			3704637
31.	WDA-4203-US	US	16/284,613	Feb 25, 2019	10,719,298	Jul 21, 2020	
32.	WDA-4245-CN	CN	201910531149.5	Jun 19, 2019	ZL201910531149.5	Oct 24, 2023	CN110782027A
33.	WDA-4245-US	US	16/405,178	May 7, 2019	10,643,119	May 5, 2020	
34.	WDA-4246-DE	DE	102019119744.9	Jul 22, 2019	102019119744		102019119744
35.	WDA-4246-US	US	16/414,143	May 16, 2019	10,643,705	May 5, 2020	
36.	WDA-4277-a-US	US	18/325,942	May 30, 2023			
37.	WDA-4277-CN	CN	202080006873.7	Mar 9, 2020	ZL202080006873.7	Jul 26, 2024	CN113196051A
38.	WDA-4277-EP	EP	20787537.8	Mar 9, 2020			3953699
39.	WDA-4277-US	US	16/791,759	Feb 14, 2020	11,738,336	Aug 29, 2023	
40.	WDA-4278-CN	CN	202080007167.4	Mar 17, 2020	ZL202080007167.4		CN113227817A
41.	WDA-4278-EP	EP	20787809.1	Mar 17, 2020			3953722
42.	WDA-4278-US	US	16/819,636	Mar 16, 2020	11,579,217	Feb 14, 2023	
43.	WDA-4279-CN	CN	202080007274.7	Jan 23, 2020	ZL202080007274.7	Aug 20, 2024	CN113227779A
44.	WDA-4279-DE	DE	20787655.8	Jan 23, 2020	3953698	Aug 21, 2024	3953698
45.	WDA-4279-GB	GB	20787655.8	Jan 23, 2020	3953698	Aug 21, 2024	3953698
46.	WDA-4279-i-EP	EP	24189865.9	Jan 23, 2020			
47.	WDA-4279-i-US	US	18/165,089	Feb 6, 2023	12,163,921	Dec 10, 2024	
48.	WDA-4279-US	US	16/727,084	Dec 26, 2019	11,609,208	Mar 21, 2023	
49.	WDA-4280-CN	CN	201980085444.0	Dec 26, 2019			CN114041045A
50.	WDA-4280-DE	DE	19924603.4	Dec 26, 2019	3953701	Oct 2, 2024	3953701
51.	WDA-4280-i-EP	EP	24204066.5	Dec 26, 2019			
52.	WDA-4280-i-US	US	17/661,578	May 2, 2022			
53.	WDA-4280-US	US	16/697,013	Nov 26, 2019	11,327,073	May 10, 2022	
54.	WDA-4281-a-US	US	17/464,533	Sep 1, 2021			
55.	WDA-4281-CN	CN	201980084930.0	Dec 20, 2019	ZL201980084930.0	Aug 22, 2023	CN113227787A
56.	WDA-4281-EP	EP	19923753.8	Dec 20, 2019			3953703

	Ref No.	Country	Application Number	Application Filing Date	Patent Number	Patent Issue Date	Publication Number
57.	WDA-4281-US	US	16/659,383	Oct 21, 2019	11,112,468	Sep 7, 2021	
58.	WDA-4282-a-US	US	17/457,404	Dec 2, 2021	11,932,904	Mar 19, 2024	
59.	WDA-4282-CN	CN	202080007222.X	Mar 17, 2020			CN113227399A
60.	WDA-4282-EP	EP	20863334.7	Mar 17, 2020			4028552
61.	WDA-4282-US	US	16/569,823	Sep 13, 2019	11,208,682	Dec 28, 2021	
62.	WDA-4394-US	US	16/563,776	Sep 6, 2019	11,487,580	Nov 1, 2022	
63.	WDA-4460-US	US	16/653,348	Oct 15, 2019	11,568,200	Jan 31, 2023	
64.	WDA-4569-a-US	US	17/545,926	Dec 8, 2021	11,662,904	May 30, 2023	
65.	WDA-4569-US	US	16/706,618	Dec 6, 2019	11,216,184	Jan 4, 2022	
66.	WDA-4627-CN	CN	202080006971.0	Jun 3, 2020			CN113242979A
67.	WDA-4627-EP	EP	20890422.7	Jun 3, 2020			4062185
68.	WDA-4627-US	US	16/823,592	Mar 19, 2020	11,747,329	Sep 5, 2023	
69.	WDA-4724-CN	CN	202080079423.0	Jul 1, 2020			CN114730617A
70.	WDA-4724-EP	EP	20925672.6	Jul 1, 2020			4042431
71.	WDA-4724-JP	JP	2022-529855	Jul 1, 2020	7439258	Feb 16, 2024	2023-504375
72.	WDA-4724-US	US	16/821,849	Mar 17, 2020	12,006,539	Jun 11, 2024	2021-0292830
73.	WDA-4725-CN	CN	202080061700.1	Jul 1, 2020			CN114730608A
74.	WDA-4725-EP	EP	20925215.4	Jul 1, 2020			4042425
75.	WDA-4725-JP	JP	2022-529772	Jul 1, 2020	7361218	Oct 4, 2023	2023-503587
76.	WDA-4725-US	US	16/822,010	Mar 18, 2020	11,837,330	Dec 5, 2023	2021-0295946
77.	WDA-4726-CN	CN	202080080230.7	Jul 1, 2020			CN114730615A
78.	WDA-4726-EP	EP	20925494.5	Jul 1, 2020			4121965
79.	WDA-4726-JP	JP	2022-529856	Jul 1, 2020	7422228	Jan 17, 2024	2023-504376
80.	WDA-4726-US	US	16/820,711	Mar 17, 2020	12,014,802	Jun 18, 2024	2021-0295949
81.	WDA-4798-US	US	16/854,677	Apr 21, 2020	11,740,667	Aug 29, 2023	
82.	WDA-4804-US	US	16/850,395	Apr 16, 2020	11,556,311	Jan 17, 2023	
83.	WDA-4815-US	US	16/908,576	Jun 22, 2020	11,544,547	Jan 3, 2023	
84.	WDA-4881-US	US	16/908,861	Jun 23, 2020	11,568,228	Jan 31, 2023	
85.	WDA-4892-1-US	US	16/941,178	Jul 28, 2020	12,079,733	Sep 3, 2024	

	Ref No.	Country	Application Number	Application Filing Date	Patent Number	Patent Issue Date	Publication Number
86.	WDA-4947-US	US	16/912,846	Jun 26, 2020	11,663,471	May 30, 2023	
87.	WDA-4949-CN	CN	202180006731.5	Jan 25, 2021			CN114787930A
88.	WDA-4949-EP	EP	21828748.0	Jan 25, 2021			4189214
89.	WDA-4949-US	US	16/908,581	Jun 22, 2020			2021-0398818
90.	WDA-5075-CN	CN	202110863407.2	Jun 15, 2021			CN114388021A
91.	WDA-5075-DE	DE	102021115361.1	Jun 14, 2021			102021115361
92.	WDA-5075-TW	TW	110122644	Jun 21, 2021	1783539	Nov 11, 2022	202215429
93.	WDA-5075-US	US	17/061,798	Oct 2, 2020	12,093,812	Sep 17, 2024	
94.	WDA-5076-CN	CN	202110622315.X	Jun 3, 2021			CN114388039A
95.	WDA-5076-DE	DE	102021115503.7	Jun 15, 2021			102021115503
96.	WDA-5076-JP	JP	2021-103405	Jun 22, 2021	7152562	Oct 3, 2022	2022-060145
97.	WDA-5076-KR	KR	2021-0082725	Jun 24, 2021	10-2605890	Nov 21, 2023	
98.	WDA-5076-TW	TW	110122640	Jun 21, 2021	1783538	Nov 11, 2022	202215437
99.	WDA-5076-US	US	17/061,820	Oct 2, 2020	11,289,171	Mar 29, 2022	
100.	WDA-5290-US	US	17/409,667	Aug 23, 2021			
101.	WDA-5502-US	US	17/319,518	May 13, 2021	12,205,008	Jan 21, 2025	
102.	WDA-5715-CN	CN	202210535628.6	May 17, 2022			CN116192395A
103.	WDA-5715-DE	DE	102022112400.2	May 17, 2022			102022122400
104.	WDA-5715-US	US	17/537,302	Nov 29, 2021	12,182,430	Dec 31, 2024	
105.	WDA-5765-CN	CN	202210550366.0	May 20, 2022			CN116346388A
106.	WDA-5765-DE	DE	102022113177.7	May 24, 2022			102022113177
107.	WDA-5765-KR	KR	2022-0063391	May 24, 2022			
108.	WDA-5765-US	US	17/554,414	Dec 17, 2021			2023-0198770
109.	WDA-5801-US	US	17/507,185	Oct 21, 2021			
110.	WDA-5852*A-CN	CN	202280049398.0	May 23, 2022			CN117642512A
111.	WDA-5852*A-EP	EP	22904860.8	May 23, 2022			
112.	WDA-5852*A-US	US	17/643,398	Dec 8, 2021	11,892,445	Feb 6, 2024	
113.	WDA-5852*B-CN	CN	202280049383.4	May 23, 2022			CN117677844A
114.	WDA-5852*B-EP	EP	22904861.6	May 23, 2022			

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115	WDA-5852*B-US	US	17/643,401	Dec 8, 2021			
116	WDA-5878-CN	CN	202280076579.2	May 19, 2022			
117	WDA-5878-EP	EP	22924492.6	May 19, 2022			
118	WDA-5878-US	US	17/649,249	Jan 28, 2022			
119	WDA-5881*A-a-US	US	18/590,557	Feb 28, 2024			
120	WDA-5881*A-CN	CN	202280075419.6	May 22, 2022			CN118235039A
121	WDA-5881*A-EP	EP	22927536.7	May 22, 2022			4479735
122	WDA-5881*A-US	US	17/651,254	Feb 16, 2022	11,946,894	Apr 2, 2024	
123	WDA-5881*B-a-US	US	18/408,202	Jan 7, 2024			
124	WDA-5881*B-CN	CN	202280074947.X	May 22, 2022			CN118215840A
125	WDA-5881*B-EP	EP	22927537.5	May 22, 2022			4479737
126	WDA-5881*B-US	US	17/651,257	Feb 16, 2022	11,940,404	Mar 26, 2024	
127	WDA-5938-US	US	18/161,209	Jan 30, 2023			
128	WDA-5980-US	US	17/738,072	May 3, 2022	11,848,584	Dec 19, 2023	
129	WDA-6009-US	US	17/714,793	Apr 6, 2022			
130	WDA-6015-US	US	17/659,688	Apr 19, 2022			
131	WDA-6095-US	US	17/714,886	Apr 6, 2022	12,052,375	Jul 30, 2024	
132	WDA-6129-US	US	18/157,747	Jan 20, 2023			2023-0289806
133	WDA-6146-US	US	18/160,974	Jan 27, 2023			2023-0280914
134	WDA-6487-US	US	18/231,706	Aug 8, 2023			
135	WDA-6488-US	US	18/231,716	Aug 8, 2023			
136	WDA-6489-US	US	18/352,398	Jul 14, 2023			
137	WDA-6489-WO	WO	US23/075171	Sep 26, 2023			
138	WDA-6956-US	US	18/364,506	Aug 3, 2023			
139	WDA-6956-WO	WO	US24/012179	Jan 19, 2024			
140	WDA-7175*A-US	US	18/499,024	Oct 31, 2023			
141	WDA-7175*A-WO	WO	US24/035679	Jun 26, 2024			

	Ref No.	Country	Application Number	Application Filing Date	Patent Number	Patent Issue Date	Publication Number
142	WDA-7175*B-US	US	18/499,069	Oct 31, 2023			
143	WDA-7175*B-WO	WO	US24/039072	Jul 23, 2024			
144	WDA-7194-US	US	18/389,155	Nov 13, 2023			
145	WDA-7302-US	US	18/533,855	Dec 8, 2023			
146	WDA-7478-US	US	18/617,918	Mar 27, 2024			
147	WDA-7532P-US	US	63/661,682	Jun 19, 2024			
148	WDA-7532-1-US	US	18/922,628	Oct 22, 2024			
149	WDA-7532-US	US	18/784,034	Jul 25, 2024			
150	WDA-7706-US	US	18/805,352	Aug 14, 2024			
151	WDA-7787-US	US	18/830,920	Sep 11, 2024			
152	FIO-0138-US	US	11/963,484	Dec 21, 2007	7,752,346	Jul 6, 2010	2009-0164694
153	WDA-6248-CN	CN	2023800145262	Apr 26, 2023			CN118266138A
154	WDA-6248-DE	DE	1120230002517	Apr 26, 2023			
155	WDA-6248-US	US	17/738,425	May 6, 2022	12,229,070	Feb 18, 2025	
156	WDA-7819-US	US	18/897,295	Sep 26, 2024			