

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7390179

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SAMSUNG ELECTRONICS CO., LTD.		02/01/2013
RECEIVING PARTY DATA		
Name:	TOSHIBA SAMSUNG STORAGE TECHNOLOGY KOREA CORPORATION	
Street Address:	STREET ADDRESS NOT LISTED	
City:	CITY NOT LISTED	
State/Country:	KOREA, REPUBLIC OF	
PROPERTY NUMBERS Total: 142		
Property Type	Number	
Patent Number:	8295148	
Patent Number:	8018800	
Patent Number:	7464389	
Patent Number:	7441256	
Patent Number:	7440373	
Patent Number:	7440367	
Patent Number:	7430750	
Patent Number:	7420906	
Patent Number:	7420895	
Patent Number:	7417940	
Patent Number:	7417936	
Patent Number:	7417934	
Patent Number:	7411886	
Patent Number:	7411876	
Patent Number:	7411871	
Patent Number:	7406010	
Patent Number:	7404197	
Patent Number:	7403458	
Patent Number:	7403349	
Patent Number:	7398536	
Patent Number:	7397745	

Property Type	Number
Patent Number:	7391683
Patent Number:	7391680
Patent Number:	7385898
Patent Number:	7380252
Patent Number:	7380160
Patent Number:	7372796
Patent Number:	7369625
Patent Number:	7369335
Patent Number:	7367037
Patent Number:	7362689
Patent Number:	7355953
Patent Number:	7352663
Patent Number:	7352662
Patent Number:	7343103
Patent Number:	7342861
Patent Number:	7337451
Patent Number:	7336574
Patent Number:	7334121
Patent Number:	7334053
Patent Number:	7317669
Patent Number:	7316023
Patent Number:	7315500
Patent Number:	7313076
Patent Number:	7307939
Patent Number:	7305688
Patent Number:	7304936
Patent Number:	7298766
Patent Number:	7296281
Patent Number:	7289412
Patent Number:	7286452
Patent Number:	7284253
Patent Number:	7283440
Patent Number:	7280458
Patent Number:	7277370
Patent Number:	7274640
Patent Number:	7272103
Patent Number:	7269115
Patent Number:	7269114

PATENT
REEL: 060390 FRAME: 0022

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

Property Type	Number
Patent Number:	7266055
Patent Number:	7210154
Patent Number:	6999402
Patent Number:	6906986
Patent Number:	6859933
Patent Number:	6804184
Patent Number:	6795258
Patent Number:	6791923
Patent Number:	6785211
Patent Number:	6782543
Patent Number:	6731586
Patent Number:	6728177
Patent Number:	6721110
Patent Number:	6714501
Patent Number:	6686697
Patent Number:	6683830
Patent Number:	6661759
Patent Number:	6661752
Patent Number:	6654326
Patent Number:	6647435
Patent Number:	6636469
Patent Number:	6636464
Patent Number:	6636463
Patent Number:	6633524
Patent Number:	6587481
Patent Number:	6552974
Patent Number:	6538962
Patent Number:	6532210
Patent Number:	6507548
Patent Number:	6480453
Patent Number:	6469975
Patent Number:	6449234
Patent Number:	6345370
Patent Number:	6341117
Patent Number:	6339575
Patent Number:	6324140
Patent Number:	6295266
Patent Number:	6295261

Property Type	Number
Patent Number:	6295254
Patent Number:	6289483
Patent Number:	6243335
Patent Number:	6169711
Patent Number:	6154430
Patent Number:	6154428
Patent Number:	6137751
Patent Number:	6098026
Patent Number:	6097686
Patent Number:	6097679
Patent Number:	6091553
Patent Number:	6084840
Patent Number:	6043950
Patent Number:	6034941
Patent Number:	6032276
Patent Number:	6032206
Patent Number:	6016296
Patent Number:	5978342
Patent Number:	5978341
Patent Number:	5936917
Patent Number:	5926447
Patent Number:	5905701
Patent Number:	5903540
Patent Number:	5822290
Patent Number:	5815479
Patent Number:	5815478
Patent Number:	5808982
Patent Number:	5805554
Patent Number:	5802023
Patent Number:	5796754
Patent Number:	5768249
Patent Number:	5764616
Patent Number:	5764602
Patent Number:	5761168
Patent Number:	5745452
Patent Number:	5740151
Patent Number:	5734635
Patent Number:	5726959

PATENT
REEL: 060390 FRAME: 0024

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

Property Type	Number
Patent Number:	5726958
Patent Number:	5717666
Patent Number:	5691971
Patent Number:	5644561
Patent Number:	RE43106
Patent Number:	RE41687
Patent Number:	RE38886

CORRESPONDENCE DATA

Fax Number: (202)315-3758

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: 202-429-0020

Email: pto@nsiplaw.com

Correspondent Name: NSIP LAW

Address Line 1: P.O. BOX 65745

Address Line 4: WASHINGTON, D.C. 20035

ATTORNEY DOCKET NUMBER:	M00055.0012
NAME OF SUBMITTER:	RANDALL S. SVIHLA
SIGNATURE:	/Randall S. Svihla/
DATE SIGNED:	06/17/2022

Total Attachments: 20

source=Assignment_Samsung-TSST-K#page1.tif

source=Assignment_Samsung-TSST-K#page2.tif

source=Assignment_Samsung-TSST-K#page3.tif

source=Assignment_Samsung-TSST-K#page4.tif

source=Assignment_Samsung-TSST-K#page5.tif

source=Assignment_Samsung-TSST-K#page6.tif

source=Assignment_Samsung-TSST-K#page7.tif

source=Assignment_Samsung-TSST-K#page8.tif

source=Assignment_Samsung-TSST-K#page9.tif

source=Assignment_Samsung-TSST-K#page10.tif

source=Assignment_Samsung-TSST-K#page11.tif

source=Assignment_Samsung-TSST-K#page12.tif

source=Assignment_Samsung-TSST-K#page13.tif

source=Assignment_Samsung-TSST-K#page14.tif

source=Assignment_Samsung-TSST-K#page15.tif

source=Assignment_Samsung-TSST-K#page16.tif

source=Assignment_Samsung-TSST-K#page17.tif

source=Assignment_Samsung-TSST-K#page18.tif

source=Assignment_Samsung-TSST-K#page19.tif

source=Assignment_Samsung-TSST-K#page20.tif

Confidential

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Patent Assignment"), effective as of October 1, 2012 ("Effective Date"), is entered into by and between Samsung Electronics Co., Ltd. ("Assignor"), a company organized under the laws of the Republic of Korea, and Toshiba Samsung Storage Technology Korea Corporation ("Assignee"), a company organized under the laws of the Republic of Korea.

WHEREAS Assignor is the assignee of Letters Patents of the United States of America as set forth below ("Assigned Patents"):

- A. U.S. Patent 6,721,110;
- B. U.S. Patent 6,785,065;
- C. U.S. Patent 7,367,037;
- D. U.S. Patent RE43,106; and
- E. Any other U.S. patent or pending U.S. patent application subject to a terminal disclaimer requiring common ownership with any of the four above listed patents.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited.

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants and agreements contained herein, and intending to be legally bound hereby, the parties agree as follows:

1. Assignment. For payment of the consideration specified in Section 3 below and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Assignor hereby assigns, transfers, sells and delivers to Assignee all of its right, title and interest throughout the world in and to the Assigned Patents, as well as any reexaminations, extensions, substitutions and reissues of any of the Assigned Patents, and all rights, claims and privileges pertaining to any of the Assigned Patents, including, without limitation, the right to claim priority from the aforementioned patents and pending applications, the right to prosecute and maintain any of the Assigned Patents and the right to sue and recover damages and obtain injunctive and other relief for past, present and future infringement or other violation or impairment of any of the Assigned Patents.

2. Further Assurances. Assignor shall use commercially reasonable efforts to perform all reasonable acts, at the reasonable request and expense of Assignee, that are necessary, proper or advisable under applicable law or otherwise to permit and assist Assignee in evidencing, perfecting, obtaining and maintaining any rights Assignee has in and to any Assigned Patent. Such actions shall include, without limitation, providing Assignee with pertinent documents and information necessary for Assignee or any of its affiliates, designees or agents to prosecute or maintain any registration or application for any Assigned Patent, or pursue or defend any administrative, court or other legal proceeding involving any Assigned Patent. THE ASSIGNED PATENTS ARE PROVIDED AS-IS AND WITHOUT ANY WARRANTY OF ANY TYPE OR KIND, AND ASSIGNOR DISCLAIMS AND EXCLUDES ALL WARRANTIES, STATUTORY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED

Confidential

TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT, AND ASSIGNOR EXPRESSLY MAKES NO WARRANTY WITH RESPECT TO THE VALIDITY, ENFORCEABILITY OR SCOPE OF ANY OF THE ASSIGNED PATENTS.

3. Consideration. In consideration of the transfer and assignment herein on the Effective Date, Assignee shall pay to Assignor by the end of January 31, 2013 the sum of one hundred thousand U.S. dollars (\$100,000) by wire transfer, to the account specified by Assignor. Further, Assignee shall pay to Assignor fifty percent (50%) the net proceeds that it obtains after the Effective Date with respect to, in connection with or in relation to any of Assigned Patents, whether through licensing, sale or enforcement of the Assigned Patents. Any such payment from the Assignee's net proceeds shall not be greater than one million U.S. dollars (\$1,000,000). Assignee shall make each such payment within thirty (30) days of the receipt of the proceeds. Assignee shall keep true and correct books and records with respect to such net proceeds, and Assignor may audit Assignee's books and records upon reasonable notice but not more than once per annum.

4. Successors and Assigns. This Patent Assignment will be binding upon, inure to the benefit of, and be enforceable by, the parties and their respective permitted successors and assigns.

5. Severability. Whenever possible, each provision or portion of any provision of this Patent Assignment shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision or portion of any provision of this Patent Assignment is held to be invalid, illegal or unenforceable in any respect under any applicable law or rule in any jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision or portion of any provision in such jurisdiction, and this Patent Assignment shall be reformed, construed and enforced in such jurisdiction as if such invalid, illegal or unenforceable provision or portion of any provision had never been contained herein.

6. Governing Law. The laws of the Republic of Korea govern all matters that arise out of this Patent Assignment, regardless of the laws that might otherwise govern under applicable principles of choice or conflicts of law thereof.

7. Confidentiality. The terms and conditions of this Patent Assignment are confidential and may not be disclosed except: (1) as both Assignor and Assignee consent in writing; (2) as required by law; and (3) as necessary in an action to enforce this Patent Assignment.

8. Entire Agreement. This Patent Assignment constitutes the entire understanding of the parties with respect to its subject matter and supersedes all prior or contemporaneous agreements, understandings and representations with respect to such subject matter. This Patent Assignment may not be modified or amended, except in writing.

9. Future Sale or Transfer. If Assignee decides to transfer, sell or abandon any of the Assigned Patents, Assignee shall first notify Assignor in writing of its intentions to do so, and Assignor shall have the right to acquire, by assignment and at no charge, the Assigned Patents

Confidential

upon written notice to Assignee, at which point the parties shall execute a patent assignment in the form provided by Assignor.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be executed by their respective officers thereunto duly authorized.

Agreed on Behalf of Assignor,

Samsung Electronics, Co., Ltd.

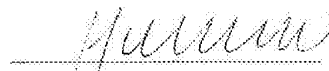


Name: Jay Shim

Title: Senior Vice President

Agreed on Behalf of Assignee,

Toshiba Samsung Storage Technology
Korea Corporation



Name: Dahm Huh

Title: Vice President/CFO

AMENDMENT TO THE PATENT ASSIGNMENT

THIS AMENDMENT TO THE PATENT ASSIGNMENT effective as of October 1, 2012 (this "Amendment") is by and between Samsung Electronics Co., Ltd. of Korea and Toshiba Samsung Storage Technology Korea Corporation of Korea.

NOW, Assignor and Assignee agree as follows:

1. The first Whereas Clause of the Patent Assignment entered into by and between Assignor and Assignee effective as of October 1, 2012 shall be replaced with the following in its entirety:

"WHEREAS, Assignor is the assignee of the patents as set forth below ("Assigned Patents");

- A. U.S. Patent Numbers 6721110, 6785065, 7367037 and RE43106;
- B. Chinese patent numbers ZL02106752.X, ZL02106751.1, ZL01132949.1, ZL01132950.5, ZL01132951.3, ZL01132952.1, ZL01132954.8, ZL01132955.6, ZL01132956.4, ZL01132957.2, ZL01132958.0, ZL02144392.0;
- C. Korean patent number 10-0421042;
- D. European patent number 1271493;
- E. Japanese patent number 4198132;
- F. Taiwanese patent number 584845; and
- G. All other U.S. patent or pending U.S. patent application subject to a terminal disclaimer requiring common ownership with any of the four U.S. patents listed in Section A herein."

2. All capitalized terms herein except as modified herein take identical meaning as in the Patent Assignment.

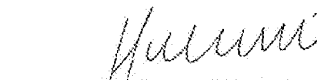
3. Other than as expressly modified herein, all other terms of the Patent Assignment remain effective and in full force.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Amendment to be executed by their respective officers thereunto duly authorized.

Agreed on Behalf of Assignor,
Samsung Electronics Co., Ltd.


Name: Jay Shim
Title: Senior Vice President

Agreed on Behalf of Assignee,
Toshiba Samsung Storage Technology
Korea Corporation


Name: Dahm Huh
Title: Vice President/CFO

CONFIDENTIAL

PATENT
REEL: 060390 FRAME: 0029

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

SECOND AMENDMENT TO THE PATENT ASSIGNMENT

THIS SECOND AMENDMENT ("Second Amendment") to the PATENT ASSIGNMENT of October 1, 2012 ("Assignment") as amended by AMENDMENT TO THE PATENT ASSIGNMENT on the same date ("First Amendment") shall enter into on February 1, 2013 by and between Samsung Electronics Co., Ltd. ("Assignor"), a company organized under the laws of the Republic of Korea, and Toshiba Samsung Storage Technology Korea Corporation ("Assignee"), a company organized under the laws of the Republic of Korea.

WHEREAS Assignor and Assignee are parties to the Assignment as amended by the First Amendment, the parties further agree as follows:

1. Assignor shall attach Exhibit A and Exhibit B herewith and the following shall replace first Whereas clause in the Assignment in its entirety:

"WHEREAS Assignor is the assignee of Letters Patents of the United States of America as set forth in Exhibit A and Exhibit B ("Assigned Patents")."

2. The following shall replace Section 3 of the Assignment in its entirety:

"3. Consideration. In consideration of the transfer and assignment of the patents in Exhibit A, Assignee shall pay to Assignor by January 31, 2013 a total sum of one hundred thousand U.S. dollars (\$100,000), by a wire transfer, to the account specified by Assignor. In consideration of the transfer and assignment of the patents in Exhibit B, Assignee shall pay to Assignor by March 1, 2014 a total sum of five hundred eighty eight million two hundred twenty thousand Korean won (\$88,220,000 won), by a wire transfer, to the account specified by Assignor."

3. The following shall be added as new Section 10:

"10. Grant Back and Covenant. Assignee shall grant Assignor a non-exclusive, non-transferable, irrevocable, royalty-free, fully paid-up, perpetual, worldwide license under the Assigned Patents for their lives to make, have-made, use, sell, import, and otherwise dispose of Assignor's products. Assignee shall further covenant not to assert the Assigned Patents against any Assignor's future licensee, those entities it owns or controls by a majority voting share, and customers or users of the Protected Products ("Protected Parties") with respect to such Protected Parties' optical disc products, such as, without limitation, optical disc drives and optical disc players ("Protected Products") provided that and so long as such Protected Parties do not assert their patents of any kind whatsoever against Assignee."

4. All capitalized terms in this Second Amendment shall take the meaning set forth in the Assignment and/or the First Amendment unless otherwise modified herein.

5. Nothing in this Second Amendment shall be construed to modify the Assignment or the First Amendment in any way unless as specifically and expressly modified herein, and, all other terms of the Assignment and the First Amendment shall remain full force and effect.

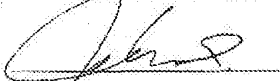
CONFIDENTIAL/1

PATENT
REEL: 060390 FRAME: 0030

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

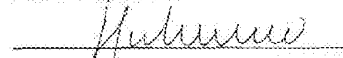
IN WITNESS WHEREOF, Assignor and Assignee have caused this Second Amendment to be executed by their respective officers thereunto duly authorized.

Samsung Electronics Co., Ltd.



Jay Shim, SVP of IP

Toshiba Samsung Storage Technology
Korea Corporation



Dahm Huh, VP & CFO

CONFIDENTIAL/2

PATENT
REEL: 060390 FRAME: 0031

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

Exhibit A

Country of Issuance (or Prosecution)	Patent No. (or Application No.)
the United States	US6721110
the United States	US6785065
the United States	US7367037
the United States	RE43106
China	ZL02106752.X
China	ZL02106751.1
China	ZL01132949.1
China	ZL01132950.5
China	ZL01132951.3
China	ZL01132952.1
China	ZL01132954.8
China	ZL01132955.6
China	ZL01132956.4
China	ZL01132957.2
China	ZL01132958.0
China	ZL02144392.0
the Republic of Korea	10-0421042
European Union	1271493
Japan	4198132
Taiwan	584845

All other U.S. patent or pending U.S. patent application subject to a terminal disclaimer requiring common ownership with any of the four U.S. patents listed in Exhibit A herein.

CONFIDENTIAL

PATENT
REEL: 060390 FRAME: 0032

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

Exhibit B

Country of Issuance (or Prosecution)	Patent No. (or Application No.)		
China	ZL98124094.1	Germany	0689185
Japan	3199692	the European Union	0689185
the Republic of Korea	P0248233	France	0689185
the United States	US6341117	the Republic of Korea	P0138334
Germany	4300561	Netherlands	0689185
the United Kingdom	2268862	the United States	US5635657
China	ZL93108468.7	the United States	US5654944
the United States	US5479389	the Republic of Korea	P0138316
the United States	US5995466	the United States	US5566787
Japan	2731710	the Republic of Korea	P0144939
the United States	US5515356	the United States	US5724471
the Republic of Korea	P0151239	the Republic of Korea	P0147628
the Republic of Korea	P0112341	the United States	US5691971
the United States	US5703453	the United States	US5828647
China	ZL95107045.2	the United States	US5745447
China	ZL200310118313.9	China	ZL96109418.4
Japan	3217238	the United States	US5745452
the United States	US5617385	China	ZL96113089.X
the United States	US5528567	the United States	US5828418
China	ZL95115313.7	the United States	US5828645
the Republic of Korea	P0141191	the United States	US5764616
China	ZL95107007.X	Japan	3789172
the United States	US5734636	the United States	US5867470
China	ZL95106696.X	the United States	US5768247
China	ZL95105387.6	Japan	3789175
the United States	US5672838	the United States	US5715229
the Republic of Korea	P0120605	Japan	3797713
China	ZL95121564.7	the United States	US5870358
the Republic of Korea	P0135359	the Republic of Korea	P0144874
the United States	US5784344	the Republic of Korea	P0213084
China	ZL95106635.8	China	ZL97126405.8
Japan	3235706	the United States	US6154430
the United States	US5570340	the United States	US6084840
China	ZL95106672.2	China	ZL98105344.0
the United States	US5616878	the United States	US5978342
China	ZL95107396.6	China	ZL98109304.3
		Japan	2916471
		Malaysia	MY-123919-A

CONFIDENTIAL

1/13

PATENT
REEL: 060390 FRAME: 0033

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

the United States	US6295266	the United States	US5903540
Malaysia	MY-128951-A	the Republic of Korea	P0265125
Taiwan	127361	Japan	3619673
Japan	3021442	the United States	US6154428
the Republic of Korea	P0252125	the United States	US6098026
the United States	US6449234	the Republic of Korea	P0243223
Japan	3011710	the United States	US6345370
the United States	US6373812	the United States	US6137751
Japan	3154677	Japan	3046277
the United States	US6016296	the Republic of Korea	P0258935
the United States	US5926447	the United States	US6169711
the United States	US6032276	the Republic of Korea	P0263066
Japan	3707890	the United States	US6243335
the United States	US6032206	the United States	US6295261
the United States	US6097679	Japan	3110410
China	ZL97125419.2	the Republic of Korea	P0288402
the United States	US5978341	the United States	US6538962
China	ZL97125349.8	Japan	3701121
Japan	2868498	the United States	US6324140
the Republic of Korea	P0230264	Japan	3059141
the United States	US5995476	the Republic of Korea	P0350053
the United States	USRE38886	Philippines	1-2003-000350
China	ZL97125501.6	the European Union	0997889
the Republic of Korea	P0213079	Japan	3059143
the United States	US6043950	the United States	US6091553
the Republic of Korea	P0312866	China	ZL99102335.8
the United States	US6295254	Germany	1001417
Japan	3669839	the European Union	1001417
the Republic of Korea	P0306399	the United Kingdom	1001417
the United States	US6289483	the Republic of Korea	P0354062
Japan	4472034	Malaysia	MY-125811-A
the United States	US6633524	Netherland	1001417
the United States	US6636469	Taiwan	135053
Japan	4087502	the United States	US6480453
the Republic of Korea	P0273764	the United States	US6782543
the United States	US6339575	China	ZL00108382.1
the Republic of Korea	P0195151	Germany	1041546
China	ZL98103853.0	the European Union	1041546
the Republic of Korea	P0219630	France	1041546

CONFIDENTIAL

2/13

Microsoft Patent Information Center

PATENT
REEL: 060390 FRAME: 0034

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767

Taiwan	I220516	the United States	US7046598
the United States	US7200087	Japan	4146258
China	ZL03100158.0	the Republic of Korea	P0464409
the United Kingdom	2384906	the United States	US7158465
Japan	3678729	China	ZL03122543.8
Malaysia	137484	Japan	3808053
Netherland	1022322	the Republic of Korea	P0493017
Taiwan	I247296	the United States	US7245573
the United States	US7006307	China	ZL02152986.8
the United States	US7369335	Japan	4012086
the Republic of Korea	P0425477	the Republic of Korea	P0434499
the United States	US6686697	the United States	US7086069
the European Union	03250261.9 (Application No.)	China	ZL02159830.4
Japan	3746480	the Republic of Korea	P0459702
the Republic of Korea	P0486246	Taiwan	I224331
Taiwan	I234151	the United States	US6934235
the United States	US7203136	the United States	US7120098
China	ZL02150666.3	China	ZL02144347.5
China	ZL200610059509.9	Germany	1349244
Germany	1329879	Germany	1601069
the European Union	1329879	the European Union	1349244
France	1329879	the European Union	1601069
the United Kingdom	1329879	France	1601069
Japan	4494348	the United Kingdom	1349244
the Republic of Korea	P0455377	the United Kingdom	1601069
Netherland	1329879	Japan	3822180
Taiwan	I311860	Japan	4303248
the United States	US7145857	the Republic of Korea	P0459708
the United States	US7460458	Netherland	1601069
China	ZL02150597.7	Taiwan	I302393
Japan	3759733	the United States	US7298766
the Republic of Korea	P0459705	the United States	US7082097
the United States	US7099252	the Republic of Korea	P0817045
the United States	US7092324	China	ZL03102524.2
the United States	US7230890	Japan	3725128
the United States	US7492678	the Republic of Korea	P0468730
China	ZL03106198.2	the United States	US6968558
Japan	4515713	China	ZL02157109.0
the Republic of Korea	P0505634	the European Union	1347444

CONFIDENTIAL

6/13

Microsoft v. TS-Optics IPR2025-00767

the United States	US5726959	China	ZL200410068469.5
Germany	19634766	the Republic of Korea	P0510536
the United States	US5796754	the United States	US7430750
Japan	2915377	China	ZL200410069836.3
the Republic of Korea	P0188959	the Republic of Korea	P0510537
the United States	US6034941	the United States	US7380252
Japan	3022803	the Republic of Korea	P0524968
the United States	US5936917	China	ZL200410071254.9
China	ZL97110786.6	the European Union	04254081.5 (Application No.)
Japan	3065275	Japan	4541790
the United States	US5815478	the Republic of Korea	P0532450
the United States	US5406539	the United States	US7406010
China	ZL200410047831.0	China	ZL200410068425.2
the European Union	04253250.7 (Application No.)	the Republic of Korea	P0546370
Japan	4795652	the United States	US7411871
the Republic of Korea	P0505691	China	ZL200410098196.9
the United States	US7352662	the Republic of Korea	P0546376
China	ZL200410055977.X	the United States	US7253943
the United States	US7380160	the Republic of Korea	P0510545
China	ZL200410058986.4	China	ZL200410068437.5
the United States	US7440367	the Republic of Korea	P0524980
China	ZL200410071247.9	the United States	US7403349
the Republic of Korea	P0532449	China	ZL200410063789.1
the United States	US7246362	Japan	4216776
China	ZL200410068281.0	the United States	US7454765
Japan	4347771	China	ZL200410069622.6
the Republic of Korea	P0510544	the Republic of Korea	P0510538
the United States	US7269115	the United States	US7580326
the Republic of Korea	P0564571	Japan	4197967
the United States	US7496008	the Republic of Korea	P0493064
China	ZL200410076630.3	Japan	4197966
the Republic of Korea	P0546351	the Republic of Korea	P0510542
the United States	US8493831	the United States	US7440373
the Republic of Korea	P0524986	the Republic of Korea	P0532459
the United States	US7362689	Japan	4307135
China	ZL200410047844.8	the Republic of Korea	P0532460
the Republic of Korea	P0546349	the Republic of Korea	P0532465
the United States	US7317669	the United States	US7313076
the Republic of Korea	P0518585	the Republic of Korea	P0574946

CONFIDENTIAL

11/13

File History: 06/04/2004 10:00:00 AM Microsoft v. TS-Optics IPR2025-00767

the Republic of Korea	P0493066	Japan	3893140
China	ZL200410095987.6	the Republic of Korea	P0532497
the Republic of Korea	P0574953	Netherland	1560207
the United States	US7457226	Taiwan	I253644
China	ZL200410092565.3	the United States	US7631322
the European Union	I232/2136365	China	ZL200410099504.X
India	2211/DEL/2004 (Application No.)	Germany	1544853
Japan	3950134	the European Union	1544853
the Republic of Korea	P0555527	the United Kingdom	1544853
Taiwan	I288409	Japan	3993196
the United States	US7352663	the Republic of Korea	P0524994
China	ZL200510071724.6	Taiwan	I319573
the Republic of Korea	P0532490	the United States	US8018800
the Republic of Korea	P0594235	China	ZL200410075800.6
the United States	US7447132	the Republic of Korea	P0546400
China	ZL200410078702.8	China	ZL200410094753.X
Japan	3848346	the Republic of Korea	P0532506
the Republic of Korea	P0524995	the United States	US7716693
the United States	US7296281	China	ZL200410064145.4
China	ZL200410098231.7	the United States	US7417940
the Republic of Korea	P0524996	China	ZL200510005842.7
the United States	US10/934623 (Application No.)	the Republic of Korea	P0555555
China	200510051835.0 (Application No.)	the United States	US7391680
China	ZL200710186328.7	China	ZL200410098246.3
the Republic of Korea	P0532489	the Republic of Korea	P0555553
the United States	US8009540	the United States	US7593295
China	ZL200510050910.1	China	ZL200410097402.4
Japan	4373344	the Republic of Korea	P0585134
the Republic of Korea	P0524999	the United States	US7451463
the United States	US7466635	the United States	US7701162
China	ZL200510050920.5	China	ZL200410095347.5
the Republic of Korea	P0604828	the Republic of Korea	P0555551
the United States	US7929692	the Republic of Korea	P0604839
China	ZL200510054245.3	Japan	4022550
Germany	1560207	the Republic of Korea	P0555563
the European Union	1560207	the United States	US7486596
the United Kingdom	1560207	the Republic of Korea	P0564615
		the United States	US7660215
		China	ZL200510052120.7

CONFIDENTIAL
12/13

2025-10-10 10:00:00 (ZL200410095987.6) (P0574953) (US7457226) (ZL200410092565.3) (I232/2136365) (2211/DEL/2004) (3950134) (P0555527) (I288409) (US7352663) (ZL200510071724.6) (P0532490) (P0594235) (US7447132) (ZL200410078702.8) (3848346) (P0524995) (US7296281) (ZL200410098231.7) (P0524996) (US10/934623) (200510051835.0) (ZL200710186328.7) (P0532489) (US8009540) (ZL200510050910.1) (4373344) (P0524999) (US7466635) (ZL200510050920.5) (P0604828) (US7929692) (ZL200510054245.3) (1560207) (1560207) (1560207)

the Republic of Korea	P0564613
the United States	US7814261
the Republic of Korea	P0574976
the United States	US7607143
China	ZL200510064030.X
the Republic of Korea	P0574977
the United States	US7478412
China	ZL200410098237.4
the Republic of Korea	P0564619
the United States	US8542564
China	ZL200410012009.0
the Republic of Korea	P0564618
the United States	US7672200
China	ZL200510066924.2
the Republic of Korea	P0660837
the United States	US7404197
China	ZL200510064061.5
the Republic of Korea	P0539258
the United States	US7441256
the United States	US7644418
the United States	US7836463
Japan	4459556
the Republic of Korea	P0546414
Japan	4890736
the Republic of Korea	P0546413
Japan	4197991
the Republic of Korea	P0585147
the Republic of Korea	P0674909
Japan	4263548
the Republic of Korea	P0618841
Japan	4660078
the Republic of Korea	P0618842
the Republic of Korea	P0604883
Japan	4122266
the Republic of Korea	P0604886
Japan	4832713
the Republic of Korea	P0604889
the Republic of Korea	P0640584
Japan	4205508

the Republic of Korea	P0604887
Japan	4874472
Japan	4772989
Japan	4741112
the Republic of Korea	P0640622
the United States	US7092146
the Republic of Korea	P0833196
Russia	PCT/Russia03/00517 (Application No.)
the United States	US7595352
the United States	US11/439430 (Application No.)
the Republic of Korea	P0833197
Russia	PCT/Russia03/00518 (Application No.)
the United States	US7696258

CONFIDENTIAL
13/13

The "Accession" is (P0613 00000000) (P0613 00000000)

RECORDED: 06/17/2022

PATENT
REEL: 060390 FRAME: 0045

MICROSOFT - EX. 1035
Microsoft v. TS-Optics IPR2025-00767