

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI215143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SK hynix Inc.	03/11/2024
RECEIVING PARTY DATA	
Company Name:	MimirIP LLC
Street Address:	9330 LBJ Freeway
Internal Address:	Suite 900
City:	Dallas
State/Country:	TEXAS
Postal Code:	75243
PROPERTY NUMBERS Total: 1021	
Property Type	Number
Patent Number:	9436246
Patent Number:	9040414
Patent Number:	8803324
Patent Number:	9245962
Patent Number:	9298558
Patent Number:	11488976
Patent Number:	10896918
Patent Number:	9472569
Patent Number:	9425210
Patent Number:	9224752
Patent Number:	10636806
Patent Number:	10396090
Patent Number:	9985048
Patent Number:	9304855
Patent Number:	9256494
Patent Number:	9159429
Patent Number:	9684352
Patent Number:	9286156
Patent Number:	9569113

Property Type	Number
Patent Number:	9293209
Patent Number:	9213592
Patent Number:	9015387
Patent Number:	9036418
Patent Number:	10685714
Patent Number:	10796772
Patent Number:	10490287
Patent Number:	10871916
Patent Number:	9438274
Patent Number:	11061757
Patent Number:	10726932
Patent Number:	11189349
Patent Number:	10861558
Patent Number:	9977712
Patent Number:	9620246
Patent Number:	10706939
Patent Number:	11537483
Patent Number:	10923192
Patent Number:	10643724
Patent Number:	11334248
Patent Number:	11269542
Patent Number:	11061815
Patent Number:	11061615
Patent Number:	11128315
Patent Number:	11144406
Patent Number:	10910074
Patent Number:	10936421
Patent Number:	10083114
Patent Number:	9564189
Patent Number:	9978459
Patent Number:	11487662
Patent Number:	9343163
Patent Number:	9417954
Patent Number:	11630588
Patent Number:	9569142
Patent Number:	10082961
Patent Number:	9524124
Patent Number:	9690698

Property Type	Number
Patent Number:	9652380
Patent Number:	11670393
Patent Number:	11626179
Patent Number:	9564246
Patent Number:	11599306
Patent Number:	11636909
Patent Number:	11735239
Patent Number:	11450365
Patent Number:	11532375
Patent Number:	9350332
Patent Number:	11531584
Patent Number:	9778864
Patent Number:	9703628
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Patent Number:	11593202
Patent Number:	9798614
Patent Number:	11120854
Patent Number:	9940063
Patent Number:	10073702
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Patent Number:	9691448
Patent Number:	11114141
Patent Number:	11314650
Patent Number:	10825488
Patent Number:	11455218
Patent Number:	10902889
Patent Number:	10833662
Patent Number:	11106237
Patent Number:	10783976
Patent Number:	11355180
Patent Number:	9570187
Patent Number:	10802759
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Patent Number:	11133051
Patent Number:	10832755
Patent Number:	10755762
Patent Number:	10607684
Patent Number:	10643687

Property Type	Number
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Patent Number:	10885958
Patent Number:	10491216
Patent Number:	10515673
Patent Number:	9977744
Patent Number:	11200944
Patent Number:	10741240
Patent Number:	10680656
Patent Number:	11257561
Patent Number:	10636508
Patent Number:	10580466
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Patent Number:	10269412
Patent Number:	9524757
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Patent Number:	9417953
Patent Number:	9218858
Patent Number:	9361983
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Patent Number:	10164645
Patent Number:	10620884
Patent Number:	10037819

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Patent Number:	10288677
Patent Number:	10360105
Patent Number:	9824745
Patent Number:	9837138
Patent Number:	10181863
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Patent Number:	10073744
Patent Number:	9787296
Patent Number:	10318186
Patent Number:	9722580
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Patent Number:	10705757
Patent Number:	9589669
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Patent Number:	9711204
Patent Number:	9607679
Patent Number:	9627020
Patent Number:	10114587
Patent Number:	9886995
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Patent Number:	9800244
Patent Number:	9455051
Patent Number:	10014071
Patent Number:	10121527
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Patent Number:	9583172
Patent Number:	10020073
Patent Number:	9646676

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Patent Number:	9823297
Patent Number:	9798694
Patent Number:	9478260
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Patent Number:	10204005
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Patent Number:	10430297
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Patent Number:	9858982
Patent Number:	9966119
Patent Number:	10545689
Patent Number:	9502384
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Patent Number:	9401219
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Patent Number:	9472259
Patent Number:	9349486
Patent Number:	10204701
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Patent Number:	9263150

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Patent Number:	9269453
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Patent Number:	10917111
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Patent Number:	10168907
Patent Number:	8994421
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Patent Number:	8908452
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Patent Number:	8995209
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Patent Number:	8866524
Patent Number:	8896342
Patent Number:	9013931
Patent Number:	10073651
Patent Number:	10445194
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Patent Number:	8824225
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Property Type	Number
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Patent Number:	9798480
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Patent Number:	10318200
Patent Number:	9965221
Patent Number:	9129664
Patent Number:	10037247
Patent Number:	11004519
Patent Number:	11249903
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Patent Number:	11237733
Patent Number:	10402102
Patent Number:	11237984
Patent Number:	8836397
Patent Number:	11226895
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Patent Number:	9443860
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Patent Number:	9484335
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Patent Number:	8866234
Patent Number:	10983726
Patent Number:	10879935
Patent Number:	10997069
Patent Number:	10957411
Patent Number:	9196527
Patent Number:	11048584

Property Type	Number
Patent Number:	10908992
Patent Number:	10930356
Patent Number:	11126552
Patent Number:	11017865
Patent Number:	10804901
Patent Number:	11194661
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Patent Number:	10410723
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Patent Number:	11557363
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Patent Number:	11442655
Patent Number:	11282570
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Patent Number:	11372563
Patent Number:	11144246
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Property Type	Number
Patent Number:	10783974
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Patent Number:	10210942
Patent Number:	10706932
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Property Type	Number
Patent Number:	11194687
Patent Number:	11190220
Patent Number:	10319736
Patent Number:	10734407
Patent Number:	10373971
Patent Number:	11182109
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Patent Number:	10083980

Property Type	Number
Patent Number:	11137942
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Property Type	Number
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Patent Number:	8884436
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Patent Number:	11288202
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Patent Number:	11397689
Patent Number:	9837158

Property Type	Number
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Patent Number:	11342020
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Property Type	Number
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Property Type	Number
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Patent Number:	9419221
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Property Type	Number
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Property Type	Number
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Patent Number:	9368456
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Patent Number:	9196607
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Patent Number:	11418215
Patent Number:	8698283

Property Type	Number
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Patent Number:	11449321
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Patent Number:	10921837
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Patent Number:	9335369
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Patent Number:	9281262
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Patent Number:	10083837
Patent Number:	9859150
Patent Number:	9640399
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Patent Number:	11216332
Patent Number:	11373709
Patent Number:	9165769
Patent Number:	9082718
Patent Number:	8921208
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Patent Number:	11507289

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ATTORNEY DOCKET NUMBER: MIMIRIP 1a SK Hynix Inc.

NAME OF SUBMITTER: Angel Wolf

SIGNATURE: Angel Wolf

DATE SIGNED: 05/07/2024

Total Attachments: 71

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EXHIBIT B**CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS**

This Confirmatory Assignment of Patent Rights (this “**Assignment**”) is made and entered into as of March 11, 2024 (the “**Effective Date**”), by and between MimirIP LLC, a limited liability company having a place of business at 9330 LBJ Freeway, Suite 900, Dallas, Texas, United States of America (“**Assignee**”) and SK hynix Inc., a corporation having a place of business at 9, Seongnam-daero 343 beongil, Seongnam-si, Gyeonggi-do, 13558, Republic of Korea (“**Assignor**”).

WHEREAS, Assignee and Assignor have entered into a Patent Purchase Agreement effective as of March 11, 2024 (the “**Patent Purchase Agreement**”), pursuant to which Assignor has agreed to assign and transfer to Assignee, and Assignee has agreed to receive all of Assignor’s right, title and interest in and to patents and patent applications identified in items (i)-(iv) below (collectively the “**Assigned Patents**”):

- (i) the patents and patent applications identified in Appendix A1;
- (ii) any and all patents and patent applications worldwide directly or indirectly claiming priority to or sharing a common priority with any of the patents and patent applications identified in Appendix A1, whether filed before, on, or after the Effective Date, including any and all foreign counterparts, renewals, substitutes, extensions, continuations, continuations-in-part, continuing prosecution applications, divisionals, reissues, reexaminations, and national phase filings of any of the patents and patent applications identified in Appendix A1;
- (iii) the patents and patent applications identified in Appendix A2;
- (iv) any and all United States patents and patent applications directly or indirectly claiming priority to or sharing a common priority with any of the patents and patent applications identified in Appendix A2, whether filed before, on, or after the Effective Date, including any and all United States counterparts, renewals, substitutes, extensions, continuations, continuations-in-part, continuing prosecution applications, divisionals, reissues, reexaminations, and United States national phase filings of any of the patents and patent applications identified in Appendix A2; and
- (v) in the case of a patent or patent application that is covered by (i)-(iv) of this definition and is subject to a terminal disclaimer under 37 C.F.R. §1.321, where such terminal disclaimer requires that such patent or patent application remain under common ownership with another patent or patent application (such other patent or patent application, a “Prior Patent”) (for example, if a terminal disclaimer was filed under 37 C.F.R. §1.321 for a patent covered by (i)-(iv) of this definition in order to overcome an obviousness-type double patenting rejection in view of a Prior Patent), the Prior Patent.

NOW, THEREFORE, in consideration of entering into the Patent Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers, and conveys unto Assignee, and Assignee here by accepts, Assignor’s entire right, title and interest in and to the Assigned Patents, including Assignor’s rights under the Assigned Patents, if any, to petition, sue or otherwise seek and recover damages, profits and any other remedy (monetary, injunctive, declaratory or other) in the United States and anywhere in or throughout the world for any past, present, and future infringement thereof.



Assignor hereby authorizes the respective patent office or governmental agency to record the Assigned Patents and any continuations, continuations-in-part, continuing prosecution applications, divisionals, reissues, reexaminations, and national phase filings thereof in the name of Assignee, as the assignee of the entire interest therein.

This Assignment may be executed in counterparts, each of which will be deemed an original, and all of which together constitute one and the same instrument.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their respective duly authorized representatives as of the Effective Date.

SK hynix Inc.

MimirIP LLC

By: K. H. Min

Name: Kyunghyun Min

Title: V.P. / IP Office

By: Bruce G. Bernstein

Name: Bruce G. Bernstein

Title: President

APPENDIX A1 OF CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

Family	Country	Application Number	Filing Date	Patent Number	Issuance Date
1	US	11/638815	20061214	7400165	20080715
1	TW	95147275	20061215	I325594	20100601
1	KR	20050124072	20051215	100849065	20080723
1	JP	2006-339239	20061215	5054367	20120803
2	US	11/593882	20061107	7468317	20081223
2	KR	20060058695	20060628	100741269	20070712
3	US	12/272944	20081118	7778100	20100817
3	US	11/648283	20061229	7468928	20081223
3	KR	20060003975	20060113	100728975	20070608
4	US	11/647390	20061229	7579846	20090825
4	KR	20060052539	20060612	100795006	20080109
5	US	11/647485	20061229	7692418	20100406
5	TW	96111879	20070403	I336477	20110121
5	KR	20060088739	20060913	100795013	20080109
5	CN	200710090274.4	20070417	ZL200710090274.4	20100901
6	US	12/206422	20080908	7800958	20100921
6	KR	20070090907	20070907	100870428	20081119
7	US	12/235143	20080922	7773449	20100810
7	US	11/588295	20061027	7453757	20081118
7	KR	20050115076	20051129	100766372	20071005
8	US	12/483413	20090612	7936620	20110503
9	US	13/229086	20110909	8203897	20120619
9	US	12/134865	20080606	8036053	20111011
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11	US	14/244413	20140403	9436246	20160906
11	KR	20130157380	20131217	102155048	20200907
12	US	14/306561	20140617	9040414	20150526

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12	KR	20110116192	20111109	101912947	20181023
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13	US	12/495607	20090630	8034714	20111011
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15	TW	103139084	20141111	I644202	20181211
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17	US	14/944865	20151118	9472569	20161018
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17	TW	104100933	20150112	I663732	20190621
17	CN	201510490074.2	20150811	ZL201510490074.2	20200616
18	US	16/510570	20190712	10636806	20200428
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18	CN	201610921897.0	20161021	ZL201610921897.0	20201027

APPENDIX A2 OF CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

Family	Country	Application Number	Filing Date	Patent Number	Issuance Date
19	US	14/156215	20140115	9304855	20160405
20	US	14/177970	20140211	9256494	20160209
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23	US	13/778853	20130227	9286156	20160315
24	US	14/048890	20131008	9569113	20170214
24	KR	20120113216	20121011	102053406	20191202
25	US	13/799523	20130313	9293209	20160322
26	US	13/719212	20121218	9213592	20151215
27	US	13/927179	20130626	9015387	20150421
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32	US	16/168380	20181023	10685714	20200616
32	KR	20180031089	20180316	102567373	20230810
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36	US	16/154334	20181008	10726932	20200728
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36	CN	201811300473.8	20181102	ZL201811300473.8	20221101

37	US	17/088685	20201104	11189349	20211130
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37	KR	20180127053	20181023	102520540	20230406
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51	CN	201910081188.X	20190128	110600069	20231010
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84	US	16/718558	20191218	11314650	20220426
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94	US	16/229333	20181221	10466739	20191105
94	CN	201910155485.4	20190301	ZL201910155485.4	20230428
95	US	17/064111	20201006	11133051	20210928
95	US	16/218225	20181212	10832755	20201110
95	KR	20180041153	20180409	102443275	20220907
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96	KR	20180044339	20180417	102457630	20221018
96	CN	201811517294.X	20181212	ZL201811517294.X	20230526
97	US	16/212407	20181206	10607684	20200331
97	KR	20180077231	20180703	102553854	20230705
98	US	16/206601	20181130	10643687	20200505
98	KR	20180058434	20180523	102471418	20221123
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