

506783991 07/26/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6830810

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UNITED MICROELECTRONICS CORPORATION	06/18/2021
RECEIVING PARTY DATA	
Name:	MARLIN SEMICONDUCTOR LIMITED
Street Address:	BRACKEN ROAD, SANDYFORD
Internal Address:	FIRST FLOOR, BLACKTHORN EXCHANGE
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	D18 P3Y9
PROPERTY NUMBERS Total: 483	
Property Type	Number
Patent Number:	6900678
Patent Number:	6521547
Patent Number:	6521910
Patent Number:	6570246
Patent Number:	7088623
Patent Number:	7718345
Patent Number:	7384728
Patent Number:	7157211
Patent Number:	7125645
Patent Number:	6638822
Patent Number:	6696222
Patent Number:	7264676
Patent Number:	7465640
Patent Number:	7335933
Patent Number:	6991991
Patent Number:	7638400
Patent Number:	7157343
Patent Number:	7126189
Patent Number:	7199742

506783991

PATENT
REEL: 056991 FRAME: 0292

TSMC EXHIBIT 1150
TSMC v. Marlin Semiconductor Ltd.
IPR2025-00865

Property Type	Number
Patent Number:	7126322
Patent Number:	7595234
Patent Number:	7214988
Patent Number:	8592322
Patent Number:	8461649
Patent Number:	8236702
Patent Number:	8164141
Patent Number:	7825034
Patent Number:	7332392
Patent Number:	7518403
Patent Number:	7388403
Patent Number:	8062487
Patent Number:	7391250
Patent Number:	8288262
Patent Number:	8076735
Patent Number:	8519515
Patent Number:	8314501
Patent Number:	8368442
Patent Number:	8970197
Patent Number:	8804440
Patent Number:	8767485
Patent Number:	8724404
Patent Number:	8873295
Patent Number:	9117909
Patent Number:	8853015
Patent Number:	9305887
Patent Number:	8916471
Patent Number:	9337193
Patent Number:	9006805
Patent Number:	9841319
Patent Number:	9698122
Patent Number:	9478499
Patent Number:	9502366
Patent Number:	9571079
Patent Number:	9812327
Patent Number:	10373837
Patent Number:	9666680
Patent Number:	10134919

PATENT

REEL: 056991 FRAME: 0293

Property Type	Number
Patent Number:	10020404
Patent Number:	6979654
Patent Number:	6583067
Patent Number:	6890851
Patent Number:	7179732
Patent Number:	7199040
Patent Number:	7645698
Patent Number:	8587128
Patent Number:	6849541
Patent Number:	6878988
Patent Number:	7180044
Patent Number:	7358199
Patent Number:	7321501
Patent Number:	7474551
Patent Number:	7407852
Patent Number:	7541634
Patent Number:	7250670
Patent Number:	7288828
Patent Number:	7872292
Patent Number:	7517746
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Patent Number:	7351634
Patent Number:	8415732
Patent Number:	8030778
Patent Number:	8043919
Patent Number:	7872852
Patent Number:	8027144
Patent Number:	8477475
Patent Number:	7817265
Patent Number:	7888195
Patent Number:	7782113
Patent Number:	8114734
Patent Number:	8324048
Patent Number:	8324712
Patent Number:	9064691
Patent Number:	9177789
Patent Number:	8588020
Patent Number:	9004755

PATENT
REEL: 056991 FRAME: 0294

Property Type	Number
Patent Number:	8592889
Patent Number:	9064719
Patent Number:	9219151
Patent Number:	9412734
Patent Number:	9851780
Patent Number:	9391177
Patent Number:	9530511
Patent Number:	9959185
Patent Number:	9691907
Patent Number:	10020049
Patent Number:	10002864
Patent Number:	10529707
Patent Number:	10026745
Patent Number:	10332875
Patent Number:	11018132
Patent Number:	10177156
Patent Number:	10347645
Patent Number:	10095251
Patent Number:	10439066
Patent Number:	10978589
Patent Number:	10177763
Patent Number:	6946343
Patent Number:	7250339
Patent Number:	7405123
Patent Number:	7405442
Patent Number:	7408221
Patent Number:	7170144
Patent Number:	7786546
Patent Number:	7432167
Patent Number:	8227889
Patent Number:	9263257
Patent Number:	9461150
Patent Number:	9269645
Patent Number:	6894364
Patent Number:	6887748
Patent Number:	7545023
Patent Number:	7382038
Patent Number:	8288802

PATENT

REEL: 056991 FRAME: 0295

Property Type	Number
Patent Number:	8415723
Patent Number:	7615399
Patent Number:	7755122
Patent Number:	8129278
Patent Number:	8759218
Patent Number:	7560350
Patent Number:	7485517
Patent Number:	7928512
Patent Number:	7524716
Patent Number:	7288822
Patent Number:	7927954
Patent Number:	8493661
Patent Number:	8228606
Patent Number:	8379312
Patent Number:	7998818
Patent Number:	7804141
Patent Number:	8193050
Patent Number:	7838946
Patent Number:	8816439
Patent Number:	8345895
Patent Number:	8553911
Patent Number:	8525389
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Patent Number:	8096048
Patent Number:	9150407
Patent Number:	8384214
Patent Number:	8405155
Patent Number:	8278166
Patent Number:	8765561
Patent Number:	8704294
Patent Number:	8999830
Patent Number:	8952451
Patent Number:	8552503
Patent Number:	9312258
Patent Number:	9130032
Patent Number:	8841733
Patent Number:	9105590
Patent Number:	8872286

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REEL: 056991 FRAME: 0296

Property Type	Number
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Patent Number:	9269678
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Patent Number:	9330980
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Patent Number:	9406710
Patent Number:	9666473
Patent Number:	9306032
Patent Number:	9236289
Patent Number:	9478457
Patent Number:	9281238
Patent Number:	9564507
Patent Number:	9786510
Patent Number:	10418251
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Patent Number:	9263392
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Patent Number:	9412743
Patent Number:	9721840
Patent Number:	9318389
Patent Number:	9754841
Patent Number:	9443958
Patent Number:	9825147
Patent Number:	9490141
Patent Number:	9614061
Patent Number:	9385220
Patent Number:	9608090
Patent Number:	9666715
Patent Number:	9406772
Patent Number:	9530779
Patent Number:	9640662
Patent Number:	9548268
Patent Number:	9666471
Patent Number:	10134858

PATENT

REEL: 056991 FRAME: 0297

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Patent Number:	9748349
Patent Number:	9875928
Patent Number:	9397008
Patent Number:	9496176
Patent Number:	9431239
Patent Number:	9583394
Patent Number:	9502410
Patent Number:	9859148
Patent Number:	9704737
Patent Number:	9543211
Patent Number:	9496361
Patent Number:	9466727
Patent Number:	9640484
Patent Number:	9793382
Patent Number:	9583641
Patent Number:	9853123
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Patent Number:	9530871
Patent Number:	9780218
Patent Number:	10158022
Patent Number:	9691704
Patent Number:	9779989
Patent Number:	9899498
Patent Number:	9680022
Patent Number:	9691733
Patent Number:	9685385
Patent Number:	9793174
Patent Number:	9748147
Patent Number:	9773682
Patent Number:	10049887
Patent Number:	10103034
Patent Number:	9972570
Patent Number:	10553534
Patent Number:	9972623
Patent Number:	10340272
Patent Number:	9837282
Patent Number:	9761460
Patent Number:	10069009

PATENT

REEL: 056991 FRAME: 0298

Property Type	Number
Patent Number:	9899522
Patent Number:	9853021
Patent Number:	10008578
Patent Number:	10211311
Patent Number:	10043718
Patent Number:	10032672
Patent Number:	10522551
Patent Number:	6864124
Patent Number:	7541676
Patent Number:	7301216
Patent Number:	6759731
Patent Number:	7297991
Patent Number:	6989557
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Patent Number:	7344963
Patent Number:	7410875
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Patent Number:	7700440
Patent Number:	7868394
Patent Number:	7367113
Patent Number:	7321285
Patent Number:	7667566
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Patent Number:	7939867
Patent Number:	8268662
Patent Number:	8716092
Patent Number:	8106466
Patent Number:	8207596

PATENT

REEL: 056991 FRAME: 0299

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Patent Number:	7816226
Patent Number:	7898081
Patent Number:	8035191
Patent Number:	9048254
Patent Number:	9397189
Patent Number:	9093473
Patent Number:	8816409
Patent Number:	8765591
Patent Number:	8564063
Patent Number:	8399359
Patent Number:	8828878
Patent Number:	9105660
Patent Number:	9406805
Patent Number:	8592905
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Patent Number:	8802521
Patent Number:	8994103

PATENT

REEL: 056991 FRAME: 0300

Property Type	Number
Patent Number:	9135389
Patent Number:	9678530
Patent Number:	8883648
Patent Number:	9214421
Patent Number:	9117886
Patent Number:	9343493
Patent Number:	9837493
Patent Number:	10177231
Patent Number:	9716165
Patent Number:	9929264
Patent Number:	10128366
Patent Number:	10062604
Patent Number:	9735047
Patent Number:	6888181
Patent Number:	7123518
Patent Number:	7256626
Patent Number:	7919802
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Patent Number:	8779513
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Patent Number:	10217756
Patent Number:	9972633

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REEL: 056991 FRAME: 0301

Property Type	Number
Patent Number:	10396064
Patent Number:	10177132
Patent Number:	10319679
Patent Number:	9887159
Patent Number:	10340381
Patent Number:	10153369
Patent Number:	10249528
Patent Number:	10211314
Patent Number:	10651290
Patent Number:	10256155
Patent Number:	10332981
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Patent Number:	9583600
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Patent Number:	9953880
Patent Number:	10141228
Patent Number:	10103265
Patent Number:	7745847
Patent Number:	8076194
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Patent Number:	9312208
Patent Number:	7339391
Patent Number:	7321141
Patent Number:	7937168
Patent Number:	10261504

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REEL: 056991 FRAME: 0302

Property Type	Number
Patent Number:	10935969
Patent Number:	7335600
Patent Number:	6846748
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Patent Number:	6913978
Patent Number:	7196019
Patent Number:	7285491
Patent Number:	7238611
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Patent Number:	7589385
Patent Number:	7527900
Patent Number:	7332447
Patent Number:	7566668
Patent Number:	7645712
Patent Number:	7618856
Patent Number:	7396717
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Patent Number:	9539621
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Patent Number:	8273642
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Patent Number:	8743627
Patent Number:	8835243

PATENT

REEL: 056991 FRAME: 0303

Property Type	Number
Patent Number:	8772120
Patent Number:	9208276
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Patent Number:	9299843
Patent Number:	9349653
Patent Number:	9466480
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Patent Number:	9929154
Patent Number:	9530646
Patent Number:	9530841
Patent Number:	10199501
Patent Number:	9773910
Patent Number:	9613808
Patent Number:	10147470
Patent Number:	9633712
Patent Number:	9964587
Patent Number:	10192832
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Patent Number:	9978687
Patent Number:	10472232
Patent Number:	10640372
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Patent Number:	10566418
Patent Number:	10102475
Patent Number:	10366756
Patent Number:	7772064
Patent Number:	8058733
Patent Number:	8110342
Patent Number:	9857508
Patent Number:	9507264
Patent Number:	10446448

PATENT

REEL: 056991 FRAME: 0304

Property Type	Number
Patent Number:	10153210
Patent Number:	10229995
Patent Number:	10438893
Patent Number:	10504903
Patent Number:	10461200
Patent Number:	6649512
Patent Number:	10629734
Application Number:	16836872

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: 6138802091

Email: docketing@longitudelicensing.ie

Correspondent Name: LONGITUDE LICENSING LTD

Address Line 1: BRACKEN ROAD, SANDYFORD

Address Line 2: FIRST FLOOR, BLACKTHORN EXCHANGE

Address Line 4: DUBLIN, IRELAND D18 P3Y9

ATTORNEY DOCKET NUMBER: UMC TO MARLIN

NAME OF SUBMITTER: RONAN O'BYRNE

SIGNATURE: /Ronan O'Byrne/

DATE SIGNED: 07/26/2021

Total Attachments: 22

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PATENT

REEL: 056991 FRAME: 0305

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REEL: 056991 FRAME: 0306

FORM OF ASSIGNMENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, United Microelectronics Corporation, a Taiwanese corporation, (“**Assignor**”), having a place of business at No. 3, Li-Hsin 2nd Road, Hsinchu Science Park, Hsinchu, Taiwan, R.O.C., hereby irrevocably assigns, sells, transfers, and conveys to Marlin Semiconductor Limited., a company organized and existing under the laws of Ireland (“**Assignee**”), having a place of business at 1st Floor, Blackthorn Exchange, Bracken Road, Sandyford, Dublin D18 P3Y9, Ireland, all rights, title and interest that exist as of June 18, 2021 and may exist in the future in and to any of the following (collectively, the “**Patent Rights**”):

(a) the patent applications and patents listed in the attached Schedule A (collectively, the “**Assigned Assets**”), including all rights of priority;

(b) all patents, divisionals, continuations, continuations-in-part, continued prosecution applications, provisional applications, requests for continuing examinations, reissues, reexaminations and extensions thereof and all pending applications therefor, and any other patent or patent application related to such patent or patent application by claim of direct or indirect priority or terminal disclaimer, and all pending applications therefor, and any patents resulting therefrom for all Assigned Assets in (a) above;

(c) all foreign patents, foreign patent applications, and foreign counterparts relating to any item in any of the foregoing categories by claim of direct or indirect priority or terminal disclaimer (a) and (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(d) all items in any of the foregoing categories (a) through (c), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(f) all claims and causes of action (whether known or unknown or whether currently pending, filed, or otherwise) for damages, injunctive relief, and any other remedies of any kind, accounting and information, and other secondary claims arising out of the past, current, and future infringement of the Assigned Assets and/or any item in any of the foregoing categories (b) through (e) by third parties which have accrued with Assignor or to which Assignor otherwise holds title; and

PATENT

REEL: 056991 FRAME: 0307

(g) all rights to collect royalties and other payments under or on account of any of the Assigned Assets and/or any item in any of the foregoing categories (b) through (f).

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances which may be granted upon any of the Assigned Assets in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, Assignor has caused its duly authorized representative to execute this assignment.

United Microelectronics Corporation

By: Brian H.H. Shih
Name: Brian H.H. Shih
Title: Sr. Director of Intellectual Property
Date: June 18, 2021

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Brian H.H. Shih to the above ASSIGNMENT on behalf of United Microelectronics Corporation and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation if called upon to do so.
2. Brian H.H. Shih is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on June 18, 2021 to execute the above assignment document on behalf of United Microelectronics Corporation.
3. Brian H.H. Shih executed the above assignment on behalf of United Microelectronics Corporation.

I declare under penalty of perjury under the laws of the United States of America that the statements made above in this Attestation are true and correct.

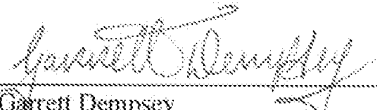
EXECUTED on June 18, 2021

Signature: Yi-Chin Wu
Print Name: Yi-Chin Wu

Assignee hereby declares the acceptance of the assignment of Patent Rights.

ASSIGNEE:

Marlin Semiconductor Limited

By: 
Name: Garrett Dempsey
Title: Director

SCHEDULE A

PATENTS

Index	Publication/Patent Number	Country	File Date	Publication/Issue Date	Application No.
1	US6900678	US	2001-08-16	2005-05-31	US09/682303
2	TW163758	TW	2001-08-10	2002-09-21	TW090119702
3	CN1212707C	CN	2002-08-01	2005-07-27	CN02127453.3
4	US6521547	US	2001-09-07	2003-02-18	US09/682479
5	TW161300	TW	2001-08-30	2002-07-21	TW090121523
6	CN1205654C	CN	2001-09-20	2005-06-08	CN1133185.2
7	US6521910	US	2001-11-02	2003-02-18	US09/682946
8	TW164135	TW	2001-11-01	2002-09-11	TW090127193
9	US6570246	US	2002-06-12	2003-05-27	US10/064110
10	TWI303470	TW	2002-06-13	2008-11-21	TW091112965
11	CN1228839C	CN	2003-04-03	2005-11-23	CN03109117.2
12	US7088623	US	2003-10-16	2006-08-08	US10/685496
13	CN100367504C	CN	2003-10-28	2008-02-06	CN200310104651.7
14	US7718345	US	2008-04-14	2010-05-18	US12/102029
15	US7384728	US	2006-08-20	2008-06-10	US11/465811
16	US7157211	US	2004-04-05	2007-01-02	US10/708983
17	US7125645	US	2002-04-10	2003-10-16	US10/063307
18	TWI292587	TW	2002-04-03	2008-01-11	TW091106789
19	CN1316564C	CN	2002-04-11	2007-05-16	CN02105820.2
20	US6638822	US	2002-03-06	2003-10-28	US10/092998
21	TW198613	TW	2002-02-27	2004-03-21	TW091103630
22	CN1180466C	CN	2002-12-25	2004-12-15	CN02159626.3
23	US6696222	US	2001-07-24	2004-02-24	US09/910876
24	TW164318	TW	2001-10-16	2002-10-11	TW090125567
25	US7264676	US	2003-09-11	2007-09-04	US10/659258
26	TWI236055	TW	2003-09-05	2005-07-11	TW092124604
27	US7465640	US	2005-05-04	2008-12-16	US11/122655
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