PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
SILERGY CORP.	12/03/2020

RECEIVING PARTY DATA

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Property Type	Number
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Total Attachments: 5
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ASSIGNMENT

SILERGY CORP., having a place of business at Oleander Way, 802 West Bay Road, P.O. Box 32052, Grand Cayman, Cayman Islands, U.K., KY1-1208 ("Assignor") is owner of each of the U.S. Patents and each of the U.S. Patent Applications as identified in the Appendix attached hereto (the "Patent Assets").

SILERGY SEMICONDUCTOR (HONG KONG) LTD., having a place of business at 15/F., BOC Group Life Assurance Tower, 136 Des Voeux Road Central, Central, Hong Kong 999077, ("Assignee") desires to acquire rights in and to the Patent Assets.

Therefore, for valuable consideration, the receipt of which is acknowledged, Assignor assigns to Assignee **100%** of his right, title and interest in the Patent Assets, as well as any patents or patent applications that claim the benefit of any of the patents or patent applications in the Patent Assets, including such rights in any divisionals, continuations in whole or in part, or substitute applications, thereof to Assignee for the entire term of any patent applications, issued patents, and any reissues or extensions that may be granted, and for the entire terms of any patents, reissues or extensions that may issue or have already issued from any of the patents or patent applications in the Patent Assets. The right, title and interest conveyed in this Assignment is to be held and enjoyed by Assignee and Assignee's successors as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made.

Assignor authorizes the United States Patent and Trademark Office to issue any patents resulting from any such patent applications to Assignee according to the percentage interest indicated in this assignment. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made.

Assignor further agrees to: (a) cooperate with Assignee in the protection of the patent rights and prosecution and protection of foreign counterparts; (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as Assignee lawfully may request to obtain or maintain the patents and any and all applications and registrations for the inventions as may be appropriate in any and all countries.

Date: 12.03.2020

Wei Chen
Chairman, Silergy Corp.

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NO.	application number	Internal number	Title	filingdate	Assignee	Issue Date	patent number
1	14/144,169	SILG2016G01US (000139-000102US)	SWITCHING REGULATOR CIRCUITS AND METHODS	12/30/2013	Silergy Corp.	8/15/2017	9,735,574
2	14/315,682	SILG2016G02US (000139-000202US)	SWITCHING REGULATOR CIRCUITS AND METHODS	6/26/2014	Silergy Corp.	2/21/2017	9,577,532
3	14/315,768	SILG2016G03US (000139-000401US)	CIRCUITS AND METHODS FOR OPERATING A SWITCHING REGULATOR	6/26/2014	Silergy Corp.	1/9/2018	9,866,104
4	14/315,672	SILG2016G04US (000139-000501US)	SWITCHING REGULATOR CIRCUITS AND METHODS	6/26/2014	Silergy Corp.	7/19/2016	9,397,559
5	14/315,691	SILG2016G05US (000139-000700US)	CIRCUITS AND METHODS FOR PROVIDING CURRENT TO A LOAD	6/26/2014	Silergy Corp.	9/13/2016	9,444,340
6	13/794,231	SILG2016G06US (13000P0001)	Switching Regulators	3/11/2013	Silergy Corp.	7/21/2015	9,086,708
7	14/940,121	SILG2016G07US (13000P0008)	CONFIGURATION MODES FOR OPTIMUM EFFICIENCY ACROSS LOAD CURRENT	11/12/2015	Silergy Corp.	1/17/2017	9,547,322
8	12/738,820	SILG2016N01US	Dimmer jitter correction	10/20/2008	Silergy Corp.	2/19/2013	8,378,593
9	12/989,822	SILG2016N02US	DIM RANGE ENHANCEMENT FOR LED DRIVER CONECTED TO PHASE-CUT DIMMER	4/30/2009	Silergy Corp.	9/26/2017	9,775,201
10	13/059,172	SILG2016N03US	Surge protection circuit	8/6/2009	Silergy Corp.	11/26/2013	8,593,772
11	13/320,547	SILG2016N04US	Circuit for connecting a low current lighting circuit to a dimmer	5/28/2010	Silergy Corp.	3/4/2014	8,664,885
12	13/296,803	SILG2016N06US	Method of controlling an electronic ballast, an electronic ballast and a lighting controller	11/5/2011	Silergy Corp.	2/18/2014	8,653,750

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13	13/267,819	SILG2016N07US	Generation from phase cut dimmer output with fast response to changes in dimmer position	10/6/2011	Silergy Corp.	9/15/2015	9,137,880
14	13/402,199	SILG2016N08US	Electrical load driving circuit	2/22/2012	Silergy Corp.	3/13/2014	8,723,444
15	13/874,986	SILG2016N09US	Switching circuits with voltage valley detection	5/1/2013	Silergy Corp.	9/8/2015	9,128,500
16	13/659,519	SILG2016N10US	Method of controlling a ballast, a ballast, a lighting controller, and a digital signal processor	10/24/2012	Silergy Corp.	4/8/2014	8,692,479
17	13/868,501	SILG2016N11US	CONTROL CIRCUIT FOR A PHASE-CUT DIMMER AND A METHOD OF CONTROLLING A PHASE-CUT DIMMER	4/23/2013	Silergy Corp.	8/2/2016	9,408,277
18	13/713,236	SILG2016N12US	Controller for a switched mode power converter, a switched mode power converter and method of controlling the same	12/13/2012	Silergy Corp.	2/24/2015	8,963,511
19	13/712,572	SILG2016N13US	Leading-edge phase-cut bleeder control	12/12/2012	Silergy Corp.	9/16/2014	8,836,226
20	13/963,347	SILG2016N14US	LED controller circuit	8/9/2013	Silergy Corp.	10/20/2015	9,167,638
21	14/160,753	SILG2016N15US	Controller, a driver circuit and a method for controlling a dimmable LED lighting circuit, and a dimmable LED lighting circuit	1/22/2014	Silergy Corp.	11/4/2014	8,878,444
22	14/279,497	SILG2016N16US	THYRISTOR, A METHOD OF TRIGGERING A THYRISTOR, AND THYRISTOR CIRCUITS	5/16/2014	Silergy Corp.	1/16/2018	9,871,129

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23	14/210,144	SILG2016N17US	Method and circuit for driving an LED load with phase-cut dimmers	3/13/2014	Silergy Corp.	3/29/2016	9,301,352
24	14/564,659	SILG2016N18US	BLEEDER CIRCUIT CONTROLLER	12/9/2014	Silergy Corp.	12/27/2016	9,532,416
25	14/553,777	SILG2016N19US	Switching power supply controller	11/25/2014	Silergy Corp.	2/23/2016	9,271,355
26	14/714,059	SILG2016N20US	LIGHTING CIRCUITS, LUMINARIES AND METHODS COMPATIBLE WITH PHASE-CUT MAINS SUPPLIES	5/15/2015	Silergy Corp.	8/9/2016	9,414,450
27	15/193,846	SILG2016N20C1US	LIGHTING CIRCUITS, LUMINARIES AND METHODS COMPATIBLE WITH PHASE-CUT MAINS SUPPLIES	6/27/2016	Silergy Corp.	3/6/2018	9,913,328
28	14/713,982	SILG2016N21US	SWITCHED MODE POWER SUPPLY	5/15/2015	Silergy Corp.	12/27/2016	9,532,418
29	14/995,347	SILG2016N22US	METHOD FOR DRNAMIC REDUCTION OF LED CURRENT IN LED DRIVER, AND ASSOCIATED DRIVERS, DRIVER CIRCUITS AND LIGHTING CIRCUITS	1/14/2016	Silergy Corp.	6/21/2017	9,706,616
30	10/202,246	SILG2016N23US	Device for measuring parameters of an electronic device	7/24/2012	Silergy Corp.	4/5/2005	6,876,036
31	12/605,663	SILG2016M01US	ROOT MEAN SQUARE (RMS) METERING DEVICES AND METHODS FOR GENERATING rms CURRENT LEVEL TO BOTH HIGH OR LOW FREQUENCY WITHIN SIGNAL	10/26/2009	Silergy Corp.	4/30/2013	8,433,743

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32	10/637,969	SILG2016M02US	Method and apparatus of obtaining power computation parameters	8/7/2003	Silergy Corp.	9/13/2005	6,943,714
33	11/084,713	SILG2016M03US	Method and apparatus for obtaining power computation parameters	3/18/2015	Silergy Corp.	9/5/2006	7,102,556
34	12/178,547	SILG2016M04US	Isolated current sensor	7/23/2008	Silergy Corp.	3/27/2012	8,144,446
35	12/826,272	SILG2016M05US	Self-correcting electronic sensor	6/29/2010	Silergy Corp.	9/24/2013	8,543,347
36	12/720,607	SILG2016M06US	Isolated current sensor with codec	3/9/2010	Silergy Corp.	9/18/2012	8,271,216
37	12/772,034	SILG2016M07US	Shunt sensor and shunt sensor assembly	4/30/2010	Silergy Corp.	7/23/2013	8,493,059
38	15/005,814	SILG2016M08US	METHOD OF COMMUNICATING BETWEEN PHASES OF AN AC POWER SYSTEM	1/25/2016	Silergy Corp.	3/20/2018	9,921,634
39	15/876,349	SILG2016M08C1US	METHOD OF COMMUNICATING BETWEEN PHASES OF AN AC POWER SYSTEM	1/22/2018	Silergy Corp.	11/26/2019	10,488,908