

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	IML INTERNATIONAL	04/06/2021
RECEIVING PARTY DATA		
Name:	IML HONGKONG LIMITED	
Street Address:	FLAT/RM 1901, 19/F, LEE GARDEN ONE, 33 HYSAN AVENUE	
City:	CAUSEWAY BAY	
State/Country:	HONG KONG	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	9224351
CORRESPONDENCE DATA		
Fax Number:	(408)872-4735	
<i>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.</i>		
Phone:	4088001912	
Email:	pto-inbox@akachanlaw.com	
Correspondent Name:	AKA CHAN LLP / MELVIN D. CHAN	
Address Line 1:	900 LAFAYETTE ST STE 710	
Address Line 4:	SANTA CLARA, CALIFORNIA 95050	
ATTORNEY DOCKET NUMBER:	IMLIP081C1	
NAME OF SUBMITTER:	KATRYNA C. VENTURA	
SIGNATURE:	/Katryna C. Ventura/	
DATE SIGNED:	04/30/2021	
Total Attachments: 3		
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ASSIGNMENT OF PATENT APPLICATIONS

WHEREAS, IML International, having an address at P.O. Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands, hereinafter referred to as "Assignor," is the assignee of record of the inventions described and set forth in the patents applications identified in Schedule A.

WHEREAS, IML HongKong Limited, a Hong Kong, China company, having an address at Flat/Rm 1901, 19/F, Lee Garden One, 33 Hysan Avenue, Causeway Bay, Hong Kong, China, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the inventions and applications and in any patents and registrations which may be granted on the same.

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title, and interest in and to the inventions and applications and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the applications as provided by the Paris Convention. 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, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any provisional, nonprovisional, division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. patent applications and foreign counterparts on the inventions and any improvements, (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 Letters Patent and Registrations for the inventions and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor's representative has signed his name on the date indicated.

Jinfang Zhang

Jinfang Zhang
Director/General Manager/President

2021. 4. 6

Date

Receipt is acknowledged by Assignee's representative, who has signed his name on the date indicated.

Jinfang Zhang

Jinfang Zhang
Director

2021. 4. 6

Date

SCHEDULE A

No.	Docket No.	Title	Application No.	Filing Date	Patent No.	Issue Date
1	IMLIP081	Digitally Controlled Voltage Generator	12/689,194	01/18/2010	8,736,592	05/27/2014
2	24318/81551	Short Circuits and Power Limit Protection Circuits	12/938,292	11/02/2010	8,154,346	04/10/2012
3	IMLIP101	Driving LEDs in LCD Backlight	13/607,413	09/07/2012	8,760,068	06/24/2014
4	IMLIP106	Current Mode DVR or PVCOM with Integrated Resistors	13/783,174	03/01/2013	9,007,098	04/14/2015
5	IMLIP103	Operating Multiple DC-to-DC Converters Efficiently by Using Predicted Load Information	13/826,931	03/14/2013	9,236,035	01/12/2016
6	IMLIP105	Short Circuits and Power Limit Protection Circuits	13/827,078	03/14/2013	9,054,527	06/09/2015
7	IMLIP108	VCOM with Reduced Supply Rails	14/252,721	04/14/2014	9,558,707	01/31/2017
8	IMLIP081D1	Digitally Controlled Voltage Generator	14/288,311	05/27/2014	9,007,288	04/14/2015
9	IMLIP101C1	Driving LEDs in LCD Backlight	14/313,935	06/24/2014	8,928,239	01/06/2015
10	IMLIP109	Floating Charge Pump Voltage Converter	14/455,753	08/08/2014	9,673,699	06/06/2017
11	IMLIP101C2	Driving LEDs in LCD Backlight	14/589,926	01/05/2015	9,439,252	09/06/2016
12	IMLIP106C1	Current Mode DVR or PVCOM with Integrated Impedances	14/685,532	04/13/2015	9,166,566	10/20/2015
13	IMLIP081C1	Digitally Controlled Voltage Generator	14/685,412	04/13/2015	9,224,351	12/29/2015
14	IMLIP105C1	Short Circuits and Power Limit Protection Circuits	14/734,461	06/09/2015	9,478,978	10/25/2016
15	IMLIP106C2	Current Mode DVR or PVCOM with Integrated Impedances	14/918,299	10/20/2015	9,548,723	01/17/2017
16	IMLIP081C2	Digitally Controlled Voltage Generator	14/978,784	12/22/2015	9,478,188	10/25/2016



No.	Docket No.	Title	Application No.	Filing Date	Patent No.	Issue Date
17	IMLIP103C1	Operating Multiple DC-to-DC Converters Efficiently by Using Predicted Load Information	14/993,965	01/12/2016	10,283,076	05/07/2019
18	IMLIP109D2	Floating Charge Pump Voltage Converter	15/222,872	07/28/2016	10,050,521	08/14/2018
19	IMLIP101C3	Driving LEDs in Backlight for Flat Panel Display	15/257,110	09/06/2016	9,907,126	02/27/2018
20	IMLIP110	Adaptive VCOM Level Generator	15/295,814	10/17/2016	9,916,799	03/13/2018
21	IMLIP112	Variable VCOM Level Generator	15/299,317	10/20/2016	10,056,025	08/21/2018
22	IMLIP106C3	Current Mode DVR or PVCOM with Integrated Impedances	15/408,325	01/17/2017	9,754,550	09/05/2017
23	IMLIP109C1	Floating Charge Pump Voltage Converter	15/614,562	06/05/2017	9,935,541	04/03/2018
24	IMLIP109D1	Voltage Converter with Buck Converter and Low Dropout Regulator	15/223,829	07/29/2016	10,749,432	08/18/2020
25	IMLIP108C1	VCOM with Reduced Supply Rails	15/417,139	01/26/2017	10,847,112	11/24/2020
26	IMLIP101C4	Driving LEDs in Backlight for Flat Panel Display	15/904,260	02/23/2018	10,939,524	03/02/2021
27	IMLIP106C4	Current Mode Digitally Variable Resistor or Programmable VCOM	15/696,043	09/05/2017	10,741,142	08/11/2020
28	IMLIG000	Driving Circuit for Cascade Light Emitting Diodes	13/165,786	06/21/2011	8,558,462	10/15/2013