508948414 01/02/2025

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI727970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SLIM HMI TECHNOLOGY	12/25/2024

RECEIVING PARTY DATA

Individual Name:	Hsiung-Kuang TSAI	
Street Address:	11F., No. 70, Ln. 157, Jingmao 2nd Rd., Nangang Dist.	
City:	Taipei City	
State/Country:	TAIWAN	
Postal Code:	115	

PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	9767528
Patent Number:	9489071
Patent Number:	9842078
Patent Number:	9560473
Patent Number:	9577712
Patent Number:	9691119

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: (703)621-7140

Email: mailroom@mg-ip.com,mrk@mg-ip.com

Correspondent Name: Joe McKinney Muncy
Address Line 1: 125 S ROYALSTREET

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	4459/2390M
NAME OF SUBMITTER:	Matt Kliewer
SIGNATURE:	Matt Kliewer
DATE SIGNED:	01/02/2025

Total Attachments: 3

PATENT REEL: 069722 FRAME: 0957

508948414

source=2025-01-02-Assignment#page1.tiff source=2025-01-02-Assignment#page2.tiff source=2025-01-02-Assignment#page3.tiff

> PATENT REEL: 069722 FRAME: 0958

Attorney Docket No.: 4459/2390M

ASSIGNMENT

WHEREAS, <u>SLIM HMI TECHNOLOGY</u>, a corporation organized and existing under and by virtue of the laws of <u>Taiwan</u>, having an office at <u>11F., No.33</u>, <u>Fuxing N. Rd., Songshan Dist., Taipei City 105</u>, <u>Taiwan (R.O.C.)</u>, is the owner by previous assignment(s), of the entire undivided right, title and interest of the following invention(s), and the owner of an undivided right, title and interest in and to said invention(s) by said previous assignment(s);

- U.S. Application No. <u>14/386,712</u>, which issued as Patent No. <u>9,767,528 B2</u> on <u>Sep 19</u>, <u>2017</u>, entitled <u>VISUAL INTERFACE APPARATUS AND DATA TRANSMISSION</u> <u>SYSTEM</u>,
- U.S. Application No. <u>14/344,056</u>, which issued as Patent No. <u>9,489,071 B2</u> on <u>Nov 8, 2016</u>, entitled <u>ELECTRONIC APPARATUS AND DATA TRANSMISSION SYSTEM</u>,
- U.S. Application No. <u>14/437,790</u>, which issued as Patent No. <u>9,842,078 B2</u> on <u>Dec 12</u>, <u>2017</u>, entitled <u>DATA TRANSMISSION ARCHITECTURE</u>,
- U.S. Application No. <u>14/438,849</u>, which issued as Patent No. <u>9,560,473 B2</u> on <u>Jan 31</u>, <u>2017</u>, entitled <u>DATA TRANSMISSION SYSTEM</u>,
- U.S. Application No. <u>14/403,868</u>, which issued as Patent No. <u>9,577,712 B2</u> on <u>Feb 21</u>, <u>2017</u>, entitled <u>NON-DISPLAY SIGNAL ENCODING METHOD AND MATRIX</u> <u>SUBSTRATE</u>, and
- U.S. Application No. <u>14/386,730</u>, which issued as Patent No. <u>9,691,119 B2</u> on <u>Jun 27, 2017</u>, entitled <u>RECORDING MEDIUM AND DATA TRANSMISSION SYSTEM</u>.

WHEREAS, <u>HSIUNG-KUANG TSAI</u> residing at <u>11F., No. 70, Ln. 157, Jingmao 2nd</u>
<u>Rd., Nangang Dist., Taipei City 115, Taiwan (R.O.C.)</u>, his heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention(s) and in and to any Letters Patent(s) that may be granted therefore in the United States of America;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said **SLIM HMI TECHNOLOGY**, have sold, assigned and transferred and do hereby sell, assign and transfer unto the said Assignee, his successors and assigns, their entire undivided right, title and interest in and to the said application(s)

Muncy, Geissler, Olds & Lowe, P.C.

Page 1 of 3

Attorney Docket No.: 4459/2390M

and the invention(s) therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters Patent(s) in the United States of America and in all foreign countries on said invention(s) and including the right to claim the priority of the date of filing in the United States and any Letters Patent(s) that may issue thereon, or therefore, in the United States and foreign countries and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent(s) may be issued, to be held and enjoyed by the said Assignee, his successors and assigns the same as it would have been held and enjoyed by **SLIM HMI TECHNOLOGY** if this assignment(s) and sale had not been made.

AND, <u>SLIM HMI TECHNOLOGY</u> hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patents to the said Assignee, in accordance with this instrument of assignment.

SLIM HMI TECHNOLOGY hereby represent and warrant that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that SLIM HMI TECHNOLOGY, will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and SLIM HMI TECHNOLOGY binds themselves and their heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said Assignee, his successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said Assignee, his successors and assigns to file applications for the said improvements and invention(s) in any country where it may elect to file such applications, and that may be necessary to vest in the said Assignee, his successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, <u>SLIM HMI TECHNOLOGY</u>, further covenant and agree, in consideration of the premises, that they, their executors and administrators will, at any time upon request, communicate to the said Assignee, his successors and assigns, any facts relating to the said invention(s) and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by the said Assignee, his successors and assigns.

Muncy, Geissler, Olds & Lowe, P.C.

Page 2 of 3

Attorney Docket No.: 4459/2390M

The undersigned hereby grants Muncy, Geissler, Olds & Lowe, P.C. the power to insert on this Assignment(s) any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, SLIM HMI TECHNOLOGY has hereunto set my hands and seal.

(Signature) Tai

Hsiung-Kuang TSAI (Typed or Printed Name)

CEO SLIM HMI TECHNOLOGY

2024 -/1-25 (Date)

Muncy, Geissler, Olds & Lowe, P.C.

Page 3 of 3