PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7190052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEN-CHE SHEN	02/16/2022
CHENG-MIN CHANG	02/15/2022
CHUN-CHIEH CHANG	02/15/2022
PO-HUAN CHOU	02/15/2022

RECEIVING PARTY DATA

Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	
Street Address:	195, SEC. 4, CHUNG HSING RD., CHUTUNG	
City:	HSINCHU	
State/Country:	TAIWAN	
Postal Code:	310401	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17548617

CORRESPONDENCE DATA

Fax Number: (703)880-7487

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: 703-639-0151

Email: assignment@WPAT.COM

Correspondent Name: WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS

Address Line 1: 8230 BOONE BLVD, SUITE 405

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	18906-1341
NAME OF SUBMITTER:	JUSTIN KING
SIGNATURE:	/Justin King/
DATE SIGNED:	02/23/2022

Total Attachments: 3 source=a#page1.tif source=a#page2.tif source=a#page3.tif

> **PATENT** REEL: 059221 FRAME: 0973 507143208

ASSIGNMENT 美國專利轉讓

For the subject matter which is claimed and for which a patent is sought on the invention entitled: 鄭和申請權利要求的發明名稱如下:

VOLTAGE MEASUREMENT DEVICE FOR PULSE-WIDTH MODULATION SIGNALS, MOTOR DRIVING DEVICE AND METHOD THEREOF

WHEREAS, I(we), SHEN, WEN-CHE; CHANG, CHENG-MIN; CHANG, CHUN-CHIEH; CHOU, PO-HUAN,

whose post office address(es) appear(s) below, hereinafter referred to as Assignor. 作為下述其郵遞比址的發明者, 在此稱轉讓人.

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

whose post office address is 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, 310401, Taiwan, R.O.C. hereinafter referred to as Assigner, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions. 在此稱讓安人, 取得此發明在美國與其管轄境內之所有權利。

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part, and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

根據所收到的相關價值,轉讓人據此將本發明轉讓於讓受人,此轉讓包括本發明以及本發明案之所有在美國的相關權利,包括任何專利有效期內的分案、續案、重新核發案、並包括在國際公約所保障的優先權。

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

轉讓人將不會簽署任何與此轉讓書相悖逆的再轉讓,販售,或台回協議。

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives;

轉讓人將無條件協助簽署任何法律上所需要與本發明相關的文件、包括提交申請,核駁答辯,年費,以及任何證明讓受人排有本發明之文件。在讓受人的要求下,轉讓人也將無條件協助讓受人。提供讓受人轉讓人所持有的發明文件資料。並提供讓受人或是讓受人的法定繼承人在法律上所要求的核駁答辯, 侵權訴訟相關協助。

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Leuers Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made. 轉讓人在此要求美國專利商標局在核發本發明專利時,根據以上所呈訴讓受人在本發明以及本發明案之所有在美國的相關權利。核發於讓受人。

PATENT REEL: 059221 FRAME: 0974

Assignor Name	Address
SHEN, WEN-CHE	5F., No. 12, Aly. 9, Ln. 98, Sec. 1, Xuefu Rd., Tucheng
	Dist., New Taipei City 236, Taiwan (R.O.C.)
Signature of Assignor	Date of Signature
SHEN, WEN -CHE	2022, 2, 16
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name	Address
CHANG, CHENG-MIN	No. 7, Ln. 277, Zhongshan 1st Rd., Zhongshan Dist.,
·	Keelung City 203001, Taiwan (R.O.C.)
Signature of Assignor	Date of Signature
Name of Witness (aptional)	Nume of Witness (optional)
Signature of Witness (optional)	Signature of Wilness (Optional)

Assignor Name	Address
CHANG, CHUN-CHIEH	B1F., No. 6-2, Ln. 61, Dahu Shanzhuang St., Neihu
•	Dist., Taipei City 114, Taiwan (R.O.C.)
Signature of Assignar	Date of Signature
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name	Address
CHOU, PO-HUAN	3F., No. 181, Wenxing Rd., Zhubei City, Hsinchu
	County 302, Taiwan (R.O.C.)
Signature of Assignor	Date of Signature
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

PATENT REEL: 059221 FRAME: 0975

Assignor Name	Address
SHEN, WEN-CHE	5F., No. 12, Aly. 9, Ln. 98, Sec. 1, Xuefu Rd., Tucheng Dist., New Taipei City 236, Taiwan (R.O.C.)
Signature of Assignor	Date of Signature
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name	Address
CHANG, CHENG-MIN	No. 7, Ln. 277, Zhongshan 1st Rd., Zhongshan Dist.,
Citatio, Citation and	Keelung City 203001, Taiwan (R.O.C.)
Signature of Assignor	Date of Signature
A ang, Cheng-min Name of Witness (optional)	02/15/2022
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name	Address
CHANG, CHUN-CHIEH	B1F., No. 6-2, Ln. 61, Dahu Shanzhuang St., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
Signature of Assignor Chang Chun Chieh	Date of Signature 02/15/>>>2 -
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name	Address
CHOU, PO-HUAN	3F., No. 181, Wenxing Rd., Zhubei City, Hsinchu
	County 302, Taiwan (R.O.C.)
Signature of Assignor Po-Hwa Um	Date of Signature ングンンン
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

PATENT REEL: 059221 FRAME: 0976

RECORDED: 02/23/2022