

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5658625

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHIN-SUNG LIU	08/07/2019
SHIN-TER TSAI	08/07/2019
TZU-KUANG FANG	08/07/2019
RECEIVING PARTY DATA	
Name:	TOPRAY MEMS INC.
Street Address:	2F-1, NO. 18, PUDING RD.
Internal Address:	EAST DIST.
City:	HSINCHU CITY
State/Country:	TAIWAN
Postal Code:	30072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16535094
CORRESPONDENCE DATA	
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<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>	
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NAME OF SUBMITTER:	JASON Z. LIN
SIGNATURE:	/Jason Z. Lin/
DATE SIGNED:	08/08/2019
Total Attachments: 1	
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ASSIGNMENT

WHEREAS, I/we, Chin-Sung Liu, Shin-Ter Tsai and Tzu-Kuang Fang, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in CONTROL SYSTEM AND VIBRATION CONTROL METHOD FOR LINEAR RESONANT ACTUATOR (hereinafter referred to as the Invention) for which an application for United States Letters Patent was

- executed on even date herewith;
- executed on _____;
- filed on _____, Serial No. _____;
- filed as PCT International Application No. _____ on _____, designating The United States of America;
- Patent number _____, issue on _____.

WHEREAS, TOPRAY MEMS INC.

whose post office address is 2F-1, No. 18, Puding Rd., East Dist., Hsinchu City 30072, Taiwan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

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.

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 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.

ALSO, ASSIGNOR hereby authorizes and requests the Director of Patents and Trademarks to issue any and all Letters 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.

Assignor: Chin-Sung Liu
2F-1, No. 18, Puding Rd.,
East Dist., Hsinchu City 300,
Taiwan

Dated this 7th day of August, 2019 at Taiwan

Chin-Sung Liu

Signature

Assignor: Shin-Ter Tsai
2F-1, No. 18, Puding Rd.,
East Dist., Hsinchu City 300,
Taiwan

Dated this 7th day of August, 2019 at Taiwan

Shin-Ter Tsai

Assignor: Tzu-Kuang Fang
2F-1, No. 18, Puding Rd.,
East Dist., Hsinchu City 300,
Taiwan

Dated this 7th day of August, 2019 at Taiwan

Tzu-Kuang Fang

Signature