01/17/2019 505284721

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5331495

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUTCHINSON TECHNOLOGY INCORPORATED	01/14/2019

RECEIVING PARTY DATA

Name:	MMI TECHNOLOGIES PTE LTD.	
Street Address:	10 KAKI BUKIT AVENUE 1	
Internal Address:	#07-05 KAKI BUKIT INDUSTRIAL ESTATE	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	417942	

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	6941641
Patent Number:	7016159
Patent Number:	7042680
Patent Number:	7130156
Patent Number:	7177119
Patent Number:	7313855
Patent Number:	7339767
Patent Number:	7633717
Patent Number:	9812160
Application Number:	15804957
Application Number:	15691627

CORRESPONDENCE DATA

(714)427-7799 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: 714-427-7000

Email: ipocdocket@swlaw.com **Correspondent Name:** SNELL & WILMER LLP (OC)

Address Line 1: 600 ANTON BOULEVARD, SUITE 1400 Address Line 4: COSTA MESA, CALIFORNIA 92626

REEL: 048053 FRAME: 0004 505284721

PATENT -

ATTORNEY DOCKET NUMBER:	40543.00019
NAME OF SUBMITTER:	ALBIN H. GESS
SIGNATURE:	/Albin H. Gess/
DATE SIGNED:	01/17/2019

Total Attachments: 3

source=Assignment Hutchinson Technology to MMI Technologies#page1.tif source=Assignment Hutchinson Technology to MMI Technologies#page2.tif source=Assignment Hutchinson Technology to MMI Technologies#page3.tif

PATENT REEL: 048053 FRAME: 0005

ASSIGNMENT

UTILITY PATENT

WHEREAS, HUTCHINSON TECHNOLOGY INCORPORATED (hereinafter singly and collectively, "ASSIGNOR"), a Minnesota Corporation, is the rightful owner of the following United States and foreign patents and patent applications set forth in Schedule A (the "Patents"):

WHEREAS, MMI Technologies Pte Ltd. (hereinafter "ASSIGNEE"), a Corporation organized under the Laws of Singapore, is desirous of obtaining an interest or memorializing its interest therein;

AND WHEREAS, the ASSIGNOR and ASSIGNEE have entered into a License and Option to Assign Agreement dated August 31, 2018 (the "Agreement") pursuant to which the Patents are to be assigned to ASSIGNEE upon terms and conditions set forth in the Agreement,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, subject in all respects to the terms and conditions set forth in the Agreement, any and all of ASSIGNOR'S rights, title, and interest to the Patents, including all subject matter and inventions described therein, and any reissues, divisionals, provisionals, continuations and continuations-in-part, re-examinations, renewals, substitutions and extensions issuing therefrom in the United States and foreign countries, including the rights to sue for all past and future causes of action related to said Patents, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests all countries to issue said patents to ASSIGNEE, including all renewals, extensions, and reissue and reexamination certificates for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES, without further remuneration, to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full rights, title and interest in and to the aforementioned Patents, or to further memorialize ASSIGNEE'S prior agreement to do so; ASSIGNOR authorizes ASSIGNEE and its appointed patent counsel to insert on this document any further identification that may be necessary or desirable by any patent office.

1 of 3

EXECUTED as of the date(s) written below by ASSIGNOR:

ASSIGNOR -**HUTCHINSON TECHNOLOGY INCORPORATED**

By: Shephin Misita
Name: STEVE MISHTH

Title: CHEF DPERATING OFFICER

EFFECTIVE DATE: 14 JAN 2019

ASSIGNEE -

MMI TECHNOLOGIES PTE LTD.

Name: KOH TONG HO

Title: **DIRECTOR**

SCHEDULE A

- Patent No. 6,941,641 "Method for Mounting An Arm to An Actuator"
- <u>Patent No. 7,016,159</u> "Disk Drive Head Suspension With Spring Rails For Base Plate Microactuation"
- <u>Patent No. 7,042,680</u> "Swaging-Optimized Baseplate For Disk Drive Head Suspension"
- <u>Patent No. 7,130,156</u> "Suspension Base Plate With Boss Tower Having Tapered Swage Ball-Engaging Surface"
 - Patent No. 7,177,119 "Microactuated Head Suspension With Ring Springs"
- <u>Patent No. 7,313,855</u> "Method of Forming a Head Suspension With an Integral Boss Tower"
 - Patent No. 7,339,767 "Baseplate For a Disk Drive Head Suspension"
- <u>Patent No. 7,633,717</u> "Pre-Shaped Head Suspension Baseplate For Swagging Deformation Compensation"
- <u>Patent No. 9,812,160</u> "Low Resistance Ground Joints for Dual Stage Actuation Suspensions"
- <u>Patent Application No. 15/804,957</u> "Low Resistance Ground Joints for Dual Stage Actuation Suspensions"
- <u>Patent Application No. 15/691,627</u> "Disk Drive Suspension Baseplate Having Enhanced Torque Retention and Method of Manufacture"
- <u>Japan Patent Application No. 2017-168862</u> "Disk Drive Suspension Baseplate Having Enhanced Torque Retention and Method of Manufacture"
- <u>Thailand Patent Application No. 1701004995</u> "Disk Drive Suspension Baseplate Having Enhanced Torque Retention and Method of Manufacture"

3 of 3