PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FU-YUAN WU	12/26/2017
KUN-SHIH LIN	12/26/2017
SHANG-YU HSU	12/26/2017
YI-HO CHEN	12/26/2017
SHIH-TING HUANG	12/26/2017
SHOU-JEN LIU	12/26/2017
CHIEN-LUN HUANG	12/29/2017
YI-HSIN NIEH	12/26/2017
CHEN-CHI KUO	12/26/2017
CHIA-PIN HSU	12/26/2017
YU-HUAI LIAO	01/03/2018
SHIN-HUA CHEN	12/26/2017
YU-CHENG LIN	12/26/2017
SHAO-CHUNG CHANG	12/26/2017
KUO-CHUN KAO	12/26/2017
CHIA-HSIU LIU	12/26/2017
CHAO-CHUN CHANG	12/26/2017
YUAN-SHIH LIAO	12/26/2017

RECEIVING PARTY DATA

Name:	TDK TAIWAN CORP.
Street Address:	NO. 159, SEC. 1, CHUNG SHAN N. RD.,
City:	YANGMEI TAOYUAN
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29633358

CORRESPONDENCE DATA

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REEL: 044773 FRAME: 0719

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NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE:	/Joe McKinney Muncy/	
DATE SIGNED:	01/30/2018	

Total Attachments: 4

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ASSIGNMENT

WHEREAS, Fu-Yuan WU, Kun-Shih LIN, Shang-Yu HSU, Yi-Ho CHEN, Shih-Ting HUANG, Shou-Jen LIU, Chien-Lun HUANG, Yi-Hsin NIEH, Chen-Chi KUO, Chia-Pin HSU, Yu-Huai LIAO, Shin-Hua CHEN, Yu-Cheng LIN, Shao-Chung CHANG, Kuo-Chun KAO, Chia-Hsiu LIU, Chao-Chun CHANG, Yuan-Shih LIAO hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title:		DRIVING	UNITED	<u> (A CA</u>	MEKA L	ENS	
Filed:			Seria	l No			
Executed on:		2017/12/2	6, 2017/12	/29 and	2018/1/	3	
WHEREAS,	TDK	TAIWAN	CORP.	of	159,	Sec.1, Chung	Shan
N.Rd., Yangmei	Taoyu	an, Taiwa	an R.O.C	here	inafter re	ferred to as ASSIG	NEE, is
desirous of acquirin	g ASSI	GNOR'S in	terest in the	e said in	nvention	and application and	l in any

U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assigner further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Full name of sole or first inventor: Fu-Yuan WU		
Inventor's signature:	Date:	
Fa-Yuan Wu	>011.12,26	
Full name of second inventor: Kun-Shih LIN		
Inventor's signature:	Date:	
Kun-Shih lin	かりいいと	

Full name of third inventor: Shang-Yu HSU	
Inventor's signature:	Date:
Shong-Tu Hou	2017.12.22
Full name fourth inventor: Yi-Ho CHEN	
Inventor's signature:	Date:
(i-No Ohen	soll. 12.26
Full name of fifth inventor: Shih-Ting HUA	
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Shith-Trug Haang	0017.12.26
Full name of sixth inventor: Shou-Jen LIU	
Inventor's signature:	Date:
Show-Jen Lin	>017.12.26
Full name of seventh inventor: Chien-Lun H	
Inventor's signature: Chien-Lun Huany	Date: 2017, 12, 29
Full name of eighth inventor: Yi-Hsin NIEH	
Inventor's signature:	Date:
-	
Yi-Hsin Nieh	2017.12.26
Full name of ninth inventor: Chen-Chi KUO	
Inventor's signature:	Date:
Charchi Kno	2017.12.26
0400 AF 400F HO	^ - *

Full name of tenth inventor: Chia-Pin HS	U
Inventor's signature:	Date:
Chia-Pin HSLI	2019.12.26
Full name of eleventh inventor: Yu-Huai	
Inventor's signature:	Date:
Yu-Huai Lrax	2018-1.7
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Inventor's signature:	Date:
Yu- Any Lin	2017.12.26
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Shao-chung CHANG	201,12,26
	/
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Full name of sixteenth inventor: Chia-Hs	iu LIU
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Full name of seventeenth inventor: Chao-Chun CHANG		
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Chao-Chun Chong	2017. 12.26	

Full name of eighteenth inventor: Yuan-Sh	n LIAU
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Yuan-Shith Lino	2017.12.26

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