504553886 09/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-MING WU	09/13/2017
CHIEN-YU LIN	09/13/2017
CHIH-CHIANG CHAN	09/13/2017

RECEIVING PARTY DATA

Name:	DELTA ELECTRONICS, INC.		
Street Address:	reet Address: NO. 3, TUNGYUAN ROAD, CHUNGLI INDUSTRIAL ZONE		
City:	TAOYUAN CITY		
State/Country:	TAIWAN		
Postal Code:	32063		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15708501	

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 7036841111
Email: delta@ipfirm.com
Correspondent Name: HAUPTMAN HAM, LLP
Address Line 1: 2318 MILL ROAD
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ATTORNEY DOCKET NUMBER: T5133-166

NAME OF SUBMITTER: RANDY A. NORANBROCK

SIGNATURE: /Randy A. Noranbrock/

DATE SIGNED: 09/19/2017

Total Attachments: 1

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PATENT 504553886 REEL: 043623 FRAME: 0457

ASSIGNMENT

		nsideration of the pre y acknowledged, the		ble consideration in hand paid, the	ne receipt and sufficiency of
	1)	Chih-Ming WU	4)		
	2)	Chien-Yu-LIN	5)		
	3)	Chih-Chiang CHA	N		
who has	made	a certain new and us	eful invention, hereby sells, assi	gns and transfers unto	
Delta l	Elect	ronics, Inc. havin	g a place of business at No. 3, 7	<u>fungvuan Road, Chungli Indu</u>	strial Zone, Taoyuan City
32063, 1	Caiwa	n (R.O.C.)	***************************************	***************************************	
		and assigns (hereinaft 5 U.S.C. 100 in the in		entire right, title and interest for t	the United States of America
POWE	RR	EDUNDANT SY	STEM AND OPERATION	ON METHOD FOR THE	SAME
(a)	for w Unite	hich an application fo d States Patent Appli	or United States Letters Patent was cation No. 15/708,501	s filed on 2017-09-19 ; or	, and identified by
(b)	for w	hich an application fo	r United States Letters Patent wa	s executed on,	
all Unite continua Property	ed Star tions- to the	tes Letters Patent whi in-part thereof, and to a said ASSIGNEE, for	ich may be granted therefore and the right to all benefits under the first interest as ASSIGNEE, its	es Commissioner of Patents and ' I any and all extensions, division the International Convention for successors, assigns and legal repr act on behalf of said ASSIGNEE;	s, reissues, continuations, or the Protection of Industrial resentatives; the undersigned
ASSIGN applicati ASSIGN	ion for VEE, i ions fi VEE, i	and obtaining origing ts successors, assigns or patent based there	al, divisional, reissued or extende and legal representatives, and w on, growing out of or related to	interest, and to render all nece ad Letters Patent of the United Statistical ithout further remuneration, in are to the said invention; and to exe and essential to ASSIGNEE's full	ates, upon request of the said nd to any improvements, and cute any papers by the said
		ne date indicated aside		2017/9/13	
Name:	Chih	-Ming WU	? _	Date:	
2)	1/2	2 h		2077/9/1 Date:	<u> </u>
3) <u>(</u> Name:	lai	n-Yu-LIN L- Cliang -Chiang CHAN	Chan	2017/9/13 Date:	<u> </u>
4)				Date:	

Date:

PATENT REEL: 043623 FRAME: 0458

RECORDED: 09/19/2017