506291218 10/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6337966

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK TELEFUS	09/18/2020
HONG WEI DU	09/12/2020
ROWELL GAPUZ	09/16/2020
BAHMAN SHARIFIPOUR	09/14/2020

RECEIVING PARTY DATA

Name:	FLEXTRONICS AP, LLC
Street Address:	305 INTERLOCKEN PARKWAY
City:	BROOMFIELD
State/Country:	COLORADO
Postal Code:	80021

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14310733	

CORRESPONDENCE DATA

Fax Number: (408)530-9797

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-530-9700 tom@hollp.com

Correspondent Name: THOMAS B. HAVERSTOCK
Address Line 1: 162 NORTH WOLFE ROAD

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER:	FLEX-36901	
NAME OF SUBMITTER:	THOMAS B. HAVERSTOCK	
SIGNATURE:	/Thomas B. Haverstock/	
DATE SIGNED:	10/06/2020	

Total Attachments: 4

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PATENT 506291218 REEL: 053990 FRAME: 0522

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ASSIGNMENT

WHEREAS, WE, Mark Telefus, Hong Wei Du, Rowell Gapuz, Kevin Cui, Bahman Sharifipour, and Laura Wen hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: THERMODYNAMIC HEAT EXCHANGER

Date of execution of application:

Date of execution of application:	Filing Date: <u>Inne 20, 2014</u> Serial No.: 14/310,733
WHEREAS Electronics AD LLC	
hereinafter referred to as "ASSKINEE", is desirous of acq Letters Patent which may be granted on the same;	on of the state of Colorado. 305 Interlocken Parkway. Broomfield, CO 80021, juring the entire right, title and interest in said invention and application and in any
Assignce, and Assignce's successors and assigns, all right, Patent, and any Letters Patent which may hereafter be gra any divisions, renewals, continuations in whole or in part, to be held and enjoyed by said Assignce as fully and excluded transfer not been made, to the full end and term of any	
Letters Patent and for the reissue thereof, and instruments	charge to said Assignce, but at Assignce's expense, cooperate with Assignce in the te, verify, acknowledge and deliver all such further papers, including applications for of assignment and transfer thereof, and will perform such other acts as Assignce for said invention and improvement in any and all countries, and to vest title thereto
IN TESTIMONY WHEREOF, Assignors have	hereunto signed their names to this assignment on the dates indicated below.
0 -7	
Mark Telefus	Suptember 18, 2020
wate. Econo	Date
Hong Wei Du	Date
Rowell Gapuz	Date
Kevin Cui	Date
Bahman Sharifipour	Date
Laura Wen	Date
totary public or other officer completing this centificate ument to which this certificate is attached, and not the h	vetifies only the identity of the individual who signed the ruthfulness, accuracy, or validity of that document.
State of California	
County of}	
On before m	e
Derson(S)	ant and acknowledged to me that he/she/they executed the same

I certify under PENALTY OF PERIURY under the laws of the State of California that the foregoing paragraph is true and correct.

ASSIGNMENT

WHEREAS, WE, Mark Telefus, Hong Wei Du, Rowell Gapuz, Kevin Cui, Baluman Sharifipour, and Laura Wen hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: THERMODYNAMIC HEAT EX	SCHANGER
Date of execution of application:	Filing Date: <u>June 20, 2014</u> Serial No.: <u>14/310,733</u>
WHEREAS, <u>Flextronies AP, LLC</u> , a compensation referred to as "ASSIGNIBS". Is desirous of Letters Patent which may be granted on the same;	ration of the state of Colorado, 305 interlocken Parkway, Basomfield, CO 8002 L. acquiring the entire right, title and interest in said invention and application and in any
Assignee, and Assignee's successors and assigns, all it Patent, and any Letters Patent which may be eafter be any divisions, renewals, confinintions in whole or in	MAY CONCERN: Be it known that, for good and valuable consideration, receipt of assigned and transferred, and by these presents do sell, assign and transfer into said ight, title and interest in and to said invention, said application for United States Letters granted on the same in the United States and all countries throughout the world including part, substitutions, conversions, reisaues, prolongations or extensions thereof, said interest exclusively as it would have been held and enjoyed by said Assignors had this assignment of any Letters Patent.
Letters Patent and for the rescue thread and instrum	out charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the tecute, verify, acknowledge and deliver all such further papers, including applications for sats of assignment and transfer thereof, and will perform such other acts as Assignee tent for said invention and improvement in any and all countries, and to yest title directs in
IN TESTIMONY WHEREOF, Assignors b	ave hereunto signed their names to this assignment on the dates indicated below.
Mark Telefus	Date
Duhoin;	2020. 9.12
Hong Wei Du	Date
Rowelf Gapuz	- Dine
Kevin Cui	Date
Bahman Sharifipour	Date
Lagra Wen	
MANAGE TO SEE	Date
A notary public or other officer completing this centified document to which this certificate is attached, and not the	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
State of California	
County of	
Onbefore	e me, personally appeared who proved to me on the basis of satisfactory evidence to be the
Whose name(s) is/are subscribed to the within incom	unent and acknowledged to me that he/she/they executed the same
	laws of the State of California that the foregoing paragraph

ASSIGNMENT

WHEREAS. WE, Mark Telefus, Hong Wei Du, Rowell Gapuz, Kevin Cui, Bahman Sharifipour, and Laura Wen hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of invention: THERMODYNAMIC HEAT EXCHANGER

(CACCHOOL OLS	phicinen	Filing Date. <u>June 20, 2014</u>	Scrial No: <u>14/310,73</u>	3
	5. Firstromes AP, LLC is composition of the as "ASSIGNEE" is desirous of acquiring the say be granted on the same:	tate of Colorado, 305 Interior entire right, title and interest	cken Parkway, Broomfield in said invention and appl	CO 80021, teation and in any
Assignee and Assigne Patent and any Letter any divisions, renewa- to be held and gniover	REFORE, TO ALL WHOM IT MAY CONC wiedged. Assignors have sold assigned and of successors and assigns, all right, title and Patent which may hereafter be granted on it is, continuations in whole or in part, substitut by said Assignee as fully and exclusively as made, to the full end and term of any Estiers I	ministrated and by these presenterest in and to said invention same in the United States a constructions, resistees, pr	ons do sell, assign and tran on, said application for Un nd all countries throughou	isfer into said ited States Letters i the world including
Letters Patent and for lawfully may request	urther agree that they will, without charge in dication and/or applications, execute, verify, he reassue thereof, and instruments of assign o obtain or maintain Letters Patent for said a proc's successors and assigns.	acknowledge and deliver all s	such further papers, includi	ing applications for
IN TESTIN	IONY WHEREOF. Assignors have bereunto	rigned their names to this ass	ignment on the dates indic	ated below
	Mark Teletis	_	Date	
	Hong Wei Du		Date	
	Rowell Gapus		Sep 14, 207	20
	Keyin Cui		Date	
	Bahman Sharifipour		Date	
·	aura Wen		Date	
	fficer completing this certificate verifies o clificate is attached, and not the truthfulne			
State of California County of				
On	before me, who proved	, personally appe to me on the basis of satisfa	ared ICCOTY evidence to he the	
whose name(s) is/are in his/her/their autho	subscribed to the within instrument and ac tred capacity(ies), and that by his/her/thei alf of which the person(s) acted, executed	knowledged to me that he/sh	and have accepted as	e
I certify under PENA is true and correct.	TY OF PERIURY under the laws of the S	tate of California that the fo	oregoing paragraph	

FLEX-36901

ASSIGNMENT

WHEREAS, WE, Mark Telefus, Hong Wei Du, Roweli Gaguz, Kevin Cui, Bahman Sharifiyour, and Laura Wen bereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent: Title of Invention: THERMODYNAMIC HEAT EXCHANGER Date of execution of application: Filing Date: <u>June 20, 2014</u> Serial No.: <u>14/310,733</u> WHEREAS, Flextronics AP, LLC, a comparation of the state of Colorado, 305 Interlocken Parkway, Broomfield, CO 80021, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any 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. Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assigner as fully and exclusively as it would have been held and enjoyed by said Assigners had this assignment and transfer not been made, to the full end and term of any Letters Patent. Assignors further agree that 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 in any and all countries, and to vest title thereto in IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Mark Telefus Date Hong Wei Du Rowell Gapuz Date Kevin Cui Laura Wen Date A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California __ before me, , personally appeared , who proved to me on the basis of satisfactory evidence to be the whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in 'his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.