504464823 07/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMUEL TAM	07/17/2017
MURAD KURWA	07/19/2017
DICK PANG	07/19/2017

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:	14192744

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 N WOLFE ROAD

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER:	FLEX-31301	
NAME OF SUBMITTER:	THOMAS B. HAVERSTOCK	
SIGNATURE:	/Thomas B. Haverstock/	
DATE SIGNED:	07/19/2017	

Total Attachments: 3

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PATENT 504464823 REEL: 043048 FRAME: 0590

Attorney Docket No.; FLEX-31301

ASSIGNMENT

WHEREAS, WE Samuel Tam, Murad Kurwa, and Dick Pang, 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; LED BACK END ASSEMBLY AND METHOD OF MANUFACTURING Date of execution of application: Filing Date: February 27, 2014 Serial No.: 14/192,744 WHBREAS, Flextronics AP, LLC, a corporation 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 Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the fall 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 said Assignee, or Assignee's successors and assigns. IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Murad Kurwa Date Date Dick Pang 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 County of 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. WITNESS my hand and official seal. Signature ____ [SEAL]

Signature of Notary

ASSIGNMENT WHEREAS, WE Samuel Tam, Munid Kurwa, and Dick Pang, 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: LED BACK END ASSEMBLY AND METHOD OF MANUFACTURING Filing Date: <u>February 27, 2014</u> Serial No.: <u>14/192,744</u> Date of execution of application: WHEREAS, Flextronics AP, LLC, a corporation 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 Assignce, and Assignce'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 Assignœ as fully and exclusively as it would have been held and enjoyed by said Assignœrs had this assignment and transfer not been made, to the full end and tenn 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 said Assignce, or Assignce's successors and assigns. IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Samuel Tain Date Murad Kurwa Date Dick Pang 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 County of ______) On ______before me, ______personally appeared ______, who proved to me on the basis of satisfactory evidence to be the person(s) 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. Lecrify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph

WITNESS my hand and official seal.

Signature of Notary

Signature _____

is true and correct.

ISEALL

PATENT Attorney Docket No.: FLEX-31301

ASSIGNMENT

WHEREAS, WE Samuel Tam, Mutad Kurwa, and Dick Pang, 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; LED BACK END ASSEMBLY AND METHOD OF MANUFACTURING Filing Date: February 27, 2014 Serial No.: 14/192,744 Date of execution of application: WHEREAS, Flextronics AP, LLC, a corporation 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, and 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, mewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors 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 Assignce 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 said Assignee or Assignee's expenses and estimate. said Assignce, or Assignee's successors and assigns. IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below. Samuel Tam Murad Kurwa 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 County of _ _, personally appeared _ before me, __ 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. WITNESS my hand and official seal. [SEAL] Signature of Notary

> PATENT REEL: 043048 FRAME: 0593