12/27/2018 505253655

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5300425

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG HUANG	11/29/2018
BRUCE ALLEN CHAMPION	11/30/2018

RECEIVING PARTY DATA

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City:	SHANGHAI
State/Country:	CHINA
Name:	TE CONNECTIVITY CORPORATION
Name: Street Address:	TE CONNECTIVITY CORPORATION 1050 WESTLAKES DRIVE
Street Address:	1050 WESTLAKES DRIVE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16233310

CORRESPONDENCE DATA

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berwynipdocket@barley.com Email:

Correspondent Name: BARLEY SNYDER

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Address Line 2: **SUITE 110**

Address Line 4: MALVERN, PENNSYLVANIA 19355

ATTORNEY DOCKET NUMBER:	21334-2735
NAME OF SUBMITTER:	SALVATORE ANASTASI
SIGNATURE:	/Salvatore Anastasi/

PATENT REEL: 047857 FRAME: 0479 505253655

DATE SIGNED:	12/27/2018
Total Attachments: 2	
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PATENT REEL: 047857 FRAME: 0480

IP Portal 14-Dec-2018 Our Ref.: P198378.US.01

Client Ref.: DD-03398 US

Attorney Docket No.: 21334-2735

COMBINED DECLARATION AND ASSIGNMENT

As a below-named inventor, I hereby declare that:
this declaration is directed to inventions and improvements disclosed in:
the attached application, or
United States application or PCT international application number filed on, entitled Circuit Board and Card ("the APPLICATION)
The APPLICATION was made or authorized to be made by me;
I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION;
I have reviewed and understand the contents of the APPLICATION, including the claims, and I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37.C.F.R 1.56; AND
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
As a below named and signing inventor, acknowledging that I have assigned or have obligations to assign the APPLICATION to:
Tyco Electronics (Shanghai) Co. Ltd. and TE Connectivity Corporation ("ASSIGNEE"), corporations organized and existing under and by virtue of the laws of China and United States, having their principal place of business at Sections F and G Level 1 Building 15 No. 999 Yinglan Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, China and 1050 Westlukes Drive, Berwyn, Pennsylvania, 19312, United States,
for a valuable consideration, the receipt of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, my full and entire right, title and interest in and to the APPLICATION, the inventions and improvements disclosed in the APPLICATION, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent to be granted and issued therefor, not only for, to and in the rights under the International Convention, and all reissues, re-examinations, renewals or extensions thereof, and I hereby authorize and request the United States Patent and Trademark Office and/or other patent office(s) to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this assignment

Legal Name	Signature	Date
HUANG, Liang	- J. E. Harybay	11. 29. 20,8
CHAMPION, Bruce Allen		

Page 1 of 1

IP Portal 14-Dec-2018

Our Ref.: P198378.US.01 Client Ref.: DD-03398 US

Attorney Docket No.: 21334-2735

COMBINED DECLARATION AND ASSIGNMENT

As a below-named inventor, I her	eby declare that:	
	ntions and improvements disclosed	! in:
☐ the attached application	•	
	ation or PCT international applic _, entitled <u>Circuit Board and Card</u>	
The APPLICATION was made or	authorized to be made by me;	
I believe that I am the original i APPLICATION;	nventor or an original joint inven	tor of a claimed invention in the
aware of the duty to disclose to the	the contents of the APPLICATION ne United States Patent and Tradem ty as defined in 37.C.F.R 1.56; AN	ark Office all information known
	illful false statement made in this clent of not more than five (5) years,	
As a below named and sign obligations to assign the APPLIC.	gning inventor, acknowledging that ATION to:	I have assigned or have
corporations organized and existing having their principal place of bus	hai) Co. Ltd. and TE Connectivity ng under and by virtue of the laws of siness at Sections F and G Level 1 ree Trade Zone, Shanghai, China on ited States,	of China and United States, Building 15 No. 999 Yinglun
transfer and set over unto the saright, title and interest in and to the the APPLICATION, all divisions, Patent to be granted and issued the Convention, and all reissues, reer and request the United States Pate	eceipt of which is hereby acknowled aid ASSIGNEE, its successors and a APPLICATION, the inventions a continuations, continuations-in-particle and in the right aminations, renewals or extension and and Trademark Office and/or off, its successors and assigns, in according to the ASSIGNE and the ASSIGNE a	d assigns, my full and entire and improvements disclosed in rt, or renewals thereof, all Letters ghts under the International s thereof, and I hereby authorize her patent office(s) to issue said
Legal Name	Signature	Date
HUANG, Liang		
CHAMPION, Bruce Allen	BC	30 Nov 18