PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
		Name	Execution Date		
Jeffrey T. Haller			02/17/2011		
Nelson Au			02/08/2011		
RECEIVING PARTY DATA					
Name: Tyco Electronics Co		Corporation			
Street Address:	1050 Westlakes Drive				
City:	Berwyn				
State/Country:	PENNSYLVANIA				
Postal Code:	19312				
Property Ty		Number			
Application Number:	29.	82748			
CORRESPONDENCE DATA CORRESPONDENCE DATA Fax Number: (650)361-5623 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Fax Number: (650)361-5623					
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Phone:	650361234				
Email: kmcgee@tycoelectronics.com					
Correspondent Name: Tyco Electronics Corporation Address Line 1: 309 Constitution Drive					
Address Line 2:					
Address Line 4:	Menlo Park	CALIFORNIA 94025			
ATTORNEY DOCKET NUMBER:		ET-01112-US			
NAME OF SUBMITTER:					
NAME OF SUBMITTE	R:	Rosa S. Kim, Reg. No. 39,728			

P-01112	Docket/Reference No.: Fil	
P-01112	Z	
112-0	FT-01	
	1112-138	

ASSIGNMENT

WHEREAS, I/we,

I) Jeffrey T. Haller and 2) Nelson Au

("INVENTOR(S)"), citizen(s) of 1) United States of America and 2) United States of America, and residing at 1) 738 Newport Circle, Redwood City, California 94065 and 2) 211 Mainsail Court, application for United States Letters Patent thereon ("APPLICATION"), entitled Foster City, California 94404, have made a new and useful invention that is the subject of an

Touch Apparatus

- . herewith to the United States Patent and Trademark Office; or for which I/we have this day executed the application papers for submission concurrently
- \square which was filed on January 6, 2011 and has been assigned U.S. Application Serial No. 29/382,748; and

WHEREAS,

having its principal place of business at 1050 Westlakes Drive, Berwyn, PA 19312 and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, United States of America TYCO ELECTRONICS CORPORATION ("ASSIGNEE"), a corporation organized

is desirous of acquiring the exclusive right, title, and interest in and to the APPLICATION and in and to any Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

other countries including all priority rights under the International Convention; and we hereby said ASSIGNEE, its successors and assigns, in accordance with this Assignment. authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to for, to and in the United States of America, its territories and possessions, but also for, to and in all APPLICATION and in and to any and all Letters Patent to be granted and issued therefor, not only ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the ledged, I/we, the INVENTOR(S), do hereby sell, assign, transfer, and set over unto the said NOW THEREFORE, for a valuable consideration, the receipt of which is hereby acknow-

Name	Signature	Date
Jeffrey T. Haller	THIS WAY	1 total
Nelson Au	a children and a chil	2 (8/2011
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT	ACKNOWLEDGMENT
County of San Mateo	
On 17 February 2011 before me, Kathy Date	C. McGee, Notary Public Here insert Name and Title of the Officer
personally appeared <u>Jeffrey</u> T. Haller	Name(s) of Signer(s)
2 2 2 m m m m	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) satisfactory evidence to the within instrument and acknowledged to me that he/ste/th// executed the same in(his/ber/their authorized capacity(iss), 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.
My Comm Exples Sep 22, 2011	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Place Notary Seal Above	WITNESS my hand and official seal. Signature
Though the information below is not required by law, it may prove valuable to persons relying on the document and reattachment of this form to another document.	ay prove valuable to persons relying on the document
Description of Attached Document. Title or Type of Document: Assignment for des	tabuntern of mis torm to another docoment.
	design application ET-01112-US, 29/382,748
Document Date: 08 February 2011	ign application ET-01112-US, 29/382,748 Number of Pages: One (1)
08 February Than Named Above: Claimed by Signe	ign application ET-01112-US, 29/382,748 Number of Pages: <u>One (1)</u>
pcument Date: <u>08 February 2011</u> gner(s) Other Than Named Above: <u>Nel.son</u> apacity(les) Claimed by Signer(s) gner's Name: <u>Jeffrey T. Haller</u> Individual	ign_application_ET-01112-US, 29/382,748 Number of Pages: <u>One (1)</u> Signer's Name:
pocument Date: 08 February 2011 gner(s) Other Than Named Above: Nel.son apacity(les) Claimed by Signer(s) gner's Name: Jeffrey T. Haller Individual Corporate Officer — Title(s): Partner — D Limited D General Altorney in Fact	
ocument Date: <u>08 February 2</u> gner(s) Other Than Named Above: apacity(les) Claimed by Signer gner's Name: <u>Jeffrey T. Hal</u> Individual Corporate Officer — Title(s): Partner — D Limited □ General Attorney in Fact Trustee Guardian or Conservator Other:	ign application ET-01112-US, 29/382,748 Number of Pages: One (1) Signer's Name: Individual Corporate Officer — Title(s); Partner Partner Officer Trustee Guardian or Conservator Other:
gner(s) Other Than Named Above: apacity(les) Claimed by Signer gner's Name: <u>Jeffrey T. Hal</u> Individual Corporate Officer — Title(s): Partner — [] Limited [] General Altorney in Fact Trustee Guardian or Conservator Other:	ign application ET-01112-US, 29/382,748 Number of Pages: One (1) Signer's Name: Individual Corporate Officer Title(s); Partner Il Limited I General Guardian or Conservator Other: Signer Is Representing:

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