

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tim Hasenour	02/06/2008
Dan Johnson	02/06/2008
Kurt Zarbock	02/06/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Tyco Electronics Corporation
<b>Street Address:</b>	2901 Fulling Mill Road
<b>City:</b>	Middletown
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	17057
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12027485
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Kerri J. Kirk
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ATTORNEY DOCKET NUMBER:	E-GI-00262/09720-0231
NAME OF SUBMITTER:	Kerri J. Kirk

CH \$40.00 12027485

Total Attachments: 3  
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**PATENT**  
**REEL: 020479 FRAME: 0315**



## JOINT ASSIGNMENT

We, **Tim HASENOUR, Dan JOHNSON, and Kurt T. ZARBOCK**, who reside at **6875 Greenbrook Drive, Clemmons, NC 27012; 4307 Gateway Place Lane, Kernersville, NC 27284; and 160 Creekwood Drive, Advance, NC 27006**, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

### BOBBIN ASSEMBLY

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket Number **E-GI-00262/09720-0231**, and Tyco Electronics Corporation, whose address is 2901 Fulling Mill Road, Middletown, PA 17057, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts

This application is a continuation-in-part pursuant to 35 USC §120 of each prior application (if any is identified) identified as follows:

U.S. Serial No:

U.S. Filing Date: \_\_\_\_

Status:

I claim foreign priority, pursuant to 35 USC §119(a)-(d) of an application for patent or inventor's certificate, and identify below said application (if any is identified) and any such foreign application (if any is identified) having a filing date before that of the application on which foreign priority is claimed;

Application No: \_\_\_\_ Country:

Filing Date:

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and I am warned that willful false statements and the like are punishable by fine or imprisonment, or both, (18 USC §1001) and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the attorneys associated with Customer Number **62424**, whose post office address is: Tyco Technology Resources, 4550 New Linden Hill Road, Suite 140, Wilmington, DE 19808-2952, or their duly appointed associate, my attorneys or agents with full powers of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Direct all correspondence to the address:

Tyco Technology Resources  
4550 New Linden Hill Road  
Suite 140  
Wilmington, Delaware 19808

Tim Hasenour  
Tim HASENOUR

Tim Hasenour  
Inventor's Signature

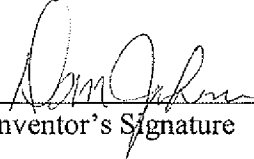
2/6/08  
Date

US  
Citizenship

US  
Residence

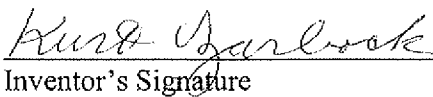
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Tyco Docket No. E-GI-00262  
MWN Docket No. 09720-0231

DAN JOHNSON                                            2/6/2008  
Dan JOHNSON                      Inventor's Signature                      Date

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Post Office Address

KURT ZARBOCK                                            2/6/2008  
Kurt ZARBOCK                      Inventor's Signature                      Date

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