## 503446257 08/21/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3492881

UBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
RALF-DIETER BUSSE		08/26/2013		
WOLFGANG KRAFT			08/22/2013	
RECEIVING PARTY D Name:		TYCO ELECTRONICS SERVICES GMBH		
Name:	TYCO	O ELECTRONICS SERVICES GMBH		
Street Address:	RHEIN	ISTRASSE 20		
City:	SCHA	SCHAFFHAUSEN		
State/Country:	SWITZ	ZERLAND		
Postal Code:	CH-82	00		
PROPERTY NUMBER	S Total:	1		
Property Type	)	Number		
Application Number:		14524352		
CORRESPONDENCE	DATA			

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

<b>U I</b>	
Phone:	6123325300
Email:	rkrueger@merchantgould.com
Correspondent Name:	JULIE K. SKOGE
Address Line 1:	80 SOUTH 8TH STREET
Address Line 2:	3200 IDS CENTER
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402

02316.3777USC1				
JULIE K. SKOGE				
/Julie K. Skoge/				
08/21/2015				
Total Attachments: 4				
source=2013-10-11-Signed Assignment#page1.tif				
source=2013-10-11-Signed Assignment#page2.tif				
source=2013-10-11-Signed Assignment#page3.tif				
source=2013-10-11-Signed Assignment#page4.tif				
r				

INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION	
	WHEREAS,	
Inventor(s) Name, Address, Citizenship	<ol> <li><u>Ralf-Dieter BUSSE</u> residing at <u>Humboldtstr. 6, Hoppegarten 15366,</u> <u>Germany</u> and a citizen of <u>Germany;</u></li> <li><u>Wolfgang KRAFT</u> residing at <u>Friedrich-Franz-Str. 18, 12103 Berlin,</u> <u>Germany</u> and a citizen of <u>Germany;</u></li> <li><u>mather residing at</u> and a citizen of;</li> </ol>	
<ul> <li>Check the appropriate box and fill in the requested information:</li> <li>select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;</li> <li>select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;</li> <li>select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or</li> <li>select the fourth check box if the application will be filed with the application.</li> </ul>	(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <u>FIBER-OPTIC CONNECTING ARRANGMENT AND ADAPTER SLEEVE</u> and which:	
Name of Corporation	AND WHEREAS <u>Tyco Electronics Services GmbH</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Switzerland</u> , and having an office and place of business at <u>Rheinstrasse 20, CH-8200</u> <u>Schaffhausen, Switzerland</u>	
State or Country of Incorporation and Address	wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;	
	NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent	

Page 1 of 2

## PATENT REEL: 036389 FRAME: 0047

	which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.		
	THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.		
	THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.		
	IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.		
Each inventor must sign & date Note: No legalization or other witness required			
Name: <u>Ralf-Dieter BUSSE</u>	Signature: Palf-Dulo June	Date: 2607.13	
Name: <u>Wolfgang KRAFT</u>	Signature:	Date:	
Name:	Signature:	Date:	

INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION
	WHEREAS,
Inventor(s) Name, Address, Citizenship	<ol> <li><u>Ralf-Dieter BUSSE</u> residing at <u>Humboldtstr. 6, Hoppegarten 15366,</u> <u>Germany</u> and a citizen of <u>Germany;</u></li> <li><u>Wolfgang KRAFT</u> residing at <u>Friedrich-Franz-Str. 18, 12103 Berlin,</u> <u>Germany</u> and a citizen of <u>Germany;</u></li> <li><u>mathefred</u> residing at <u>mathefred</u> and a citizen of <u>Germany;</u></li> </ol>
<ul> <li>Check the appropriate box and fill in the requested information:</li> <li>select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;</li> <li>select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;</li> <li>select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution;</li> <li>select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or</li> </ul>	(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <u>FIBER</u> . <u>OPTIC CONNECTING ARRANGMENT AND ADAPTER SLEEVE</u> and which:
Name of Corporation	AND WHEREAS <u>Tyco Electronics Services GmbH</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Switzerland</u> , and having an office and place of business at <u>Rheinstrasse 20, CH-8200</u> <u>Schaffhausen</u> , <u>Switzerland</u>
State or Country of Incorporation and Address	<ul> <li>wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;</li> <li>NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interes for the United States in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said</li> </ul>

Page 1 of 2

## PATENT REEL: 036389 FRAME: 0049

Each inventor must sign & date	<ul> <li>which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.</li> <li>THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.</li> <li>THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.</li> <li>IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.</li> </ul>	
Note: No legalization or other witness required		
Name: <u>Ralf-Dieter BUSSE</u>	Signature:	Date:
Name: <u>Wolfgang KRAFT</u>	Signature:	Date: 22,0873
Name:	Signature:	Date:

÷