

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Junichi Tanigawa</td><td>10/14/2004</td></tr><tr><td>Doron Lapidot</td><td>10/22/2004</td></tr><tr><td>Masayuki Aizawa</td><td>10/22/2004</td></tr><tr><td>Tomoo Yamada</td><td>10/14/2004</td></tr></tbody></table>	Name	Execution Date	Junichi Tanigawa	10/14/2004	Doron Lapidot	10/22/2004	Masayuki Aizawa	10/22/2004	Tomoo Yamada	10/14/2004	
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Masayuki Aizawa	10/22/2004										
Tomoo Yamada	10/14/2004										
RECEIVING PARTY DATA											
Name:	TYCO Electronics AMP K.K.										
Street Address:	3-5-8, Hisamoto										
Internal Address:	Takatsu-ku, Kawasaki-shi										
City:	Kanagawa-ken 213-8535										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10995969</td></tr></tbody></table>	Property Type	Number	Application Number:	10995969							
Property Type	Number										
Application Number:	10995969										
CORRESPONDENCE DATA											
Fax Number:	(610)889-3696										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(610) 889-3697										
Email:	hgonsorick@barley.com										
Correspondent Name:	Steven E. Bach										
Address Line 1:	1000 Westlakes Drive										
Address Line 2:	Suite 275										
Address Line 4:	Berwyn, PENNSYLVANIA 19312										
NAME OF SUBMITTER:	Steven E. Bach										
Total Attachments: 3											
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source=21334-1380 Executed Assignment (51645US)#page2.tif											

CH 10995969 \$40.00

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PATENT
REEL: 015891 FRAME: 0791

ASSIGNMENT

I/We, Junichi Tanigawa, Doron Lapidot, Masayuki Aizawa and Tomoo Yamada,
who reside at

Kanagawa, Japan (J. Tanigawa)
Tokyo, Japan (D. Lapidot)
Tokyo, Japan (M. Aizawa)
Kanagawa, Japan (T. Yamada)

have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

CARD CONNECTOR ASSEMBLY

which application was executed by the inventor(s) on the date(s) or execution of this assignment and is identified by TYCO Electronics AMP K.K. File Number **51645** and **Japanese Patent Application No. 2003-400032** filed on **November 28, 2003**.

and Tyco Electronics AMP K.K.
whose address is 3-5-8, Hisamoto, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213-8535, Japan

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 me/us, receipt and sufficiency of which I/we hereby acknowledge, I/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 patent application in Japan, 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 predicted 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 my/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 empowered officials of all 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 I/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 or said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosure, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is November 18, 2003.

It testimony whereof I/we affixed my/our signature(s).

Shuji Kajinuma 14 Oct '04
(Witness) (Date)

Junichi Tanigawa 14 Oct '04
(Inventor) Junichi Tanigawa (Date)

Masashi Inoue 14 Oct '04
(Witness) (Date)

[Signature] 22 Oct '04
(Witness) (Date)

Doron Lapidot 22 Oct '04
(Inventor) Doron Lapidot (Date)

Tetsuyuki Furuya 22 Oct '04
(Witness) (Date)

(51645)

K. Kuroki 22 OCT '04
(Witness) (Date)

M. Aizawa
(Inventor) Masayuki Aizawa

22-OCT-2004
(Date)

T. Toshima 22-Oct, '04
(Witness) (Date)

Shuji Kajinuma 14 Oct '04
(Witness) (Date)

Tomoo Yamada
(Inventor) Tomoo Yamada

14-Oct '04
(Date)

Masashi Inoue 14 Oct '04
(Witness) (Date)