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102182332

To the Commissioner for Patents: Please record the attached original document(s) or copy(ies) thereof.

Submission Type: New <i>MRP</i> <i>8.5.02</i>		Conveyance Type: Assignment	
Reel/Frame # (if applicable)		Document ID # (if applicable)	
Name of conveying party(ies): 1. Takashi Hasunuma 2. Naofumi Miyasaka 3. Masatoshi Sakamoto 4. Takashi Sato 5. Mark if additional name(s) of conveying party(ies) attached: <input type="checkbox"/>		Execution Date 7/22/2002 7/18/2002 7/22/2002 7/22/2002 Name and address of receiving party(ies): Name: Tyco Electronics Raychem K.K. Address: 5-8 Hisamoto 3-chome Takatsu-ku, Kawasaki-shi KANAGAWA 213-8535 JAPAN Mark if additional name(s) of receiving party(ies) attached: <input type="checkbox"/>	
Patent application number(s) or patent number(s): If this document is being filed with a new patent application, enter here the date the patent application was signed by the first named executing inventor:		Mark if additional number(s) attached: <input type="checkbox"/>	
Patent Application Number(s): 10/140,966		Patent Number(s):	
Name and address of party to whom correspondence concerning this submission should be addressed: Name: Marguerite E. Gerstner Address: Tyco Electronics Corporation Intellectual Property Law Dept. 307 Constitution Dr., Mail Stop R20/2B Menlo Park, CA 94025-1164 Telephone: 650-361-2483		Total number of properties involved: 1 Total fee (37 C.F.R. §3.41) \$ 40.00 <i>The Commissioner is hereby authorized to charge the above fee against the deposit account entered below. The Commissioner is further authorized to charge any deficiencies against, or to credit any overpayment to, such deposit account.</i> Deposit Account number: 18-0560	
Total number of pages submitted, including cover sheet, document(s) and attachment(s): 2			
Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Marguerite E. Gerstner</u> Name of Person Signing Registration No.: 32,695 </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: center;"> <u>July 29, 2002</u> Date </div> </div>			
08/08/2002 LMIELLER 00000078 180560 10140966 01 FC:581 40.00 CH		FOR OFFICE USE ONLY <div style="border: 1px solid black; padding: 5px; transform: rotate(-90deg); transform-origin: center;"> RECORDED JUL 29 2002 SECTION </div>	

CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this paper or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, on the date indicated below:

Date of deposit: July 29, 2002Name (printed): Marguerite E. GerstnerSignature: Marguerite E. Gerstner

Send to: Box Assignment, Commissioner for Patents, Washington DC 20231 (or, for new application, "Box Patent Application")

PATENT
REEL: 013155 FRAME: 0312

ASSIGNMENT

WHEREAS, I/we,

Takashi Hasunuma, Naofumi Miyasaka, Masatoshi Sakamoto, Takashi Sato

("INVENTOR(S)"), citizen(s) of Japan, Japan, Japan, Japan, respectively, and residing at 6-15-10 Tamatsukuri, Narita City, Chiba Prefecture 286-0011, JAPAN, 2-10-1 #102, Misatodai, Narita, Chiba, 286-0013, JAPAN, Room 202 Sunforest, 1296 Gobu, Narita-city, Chiba, 286-0014 JAPAN, 5-1-17-321 Asahicho, Kashiwa, Chiba, JAPAN, respectively, have made a new and useful invention that is the subject of an application for United States Letters Patent thereon ("APPLICATION"), entitled

CIRCUIT PROTECTION ARRANGEMENT

- ☐ for which I/we have this day executed the application papers for submission concurrently herewith to the United States Patent and Trademark Office; or
- ☒ which was filed on May 7, 2002 and has been assigned U.S. Application Serial No. 10/140,966; and

WHEREAS,

TYCO ELECTRONICS RAYCHEM K.K. ("ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of Japan, having its principal place of business at 5-8, Hisamoto 3-chome, Takatsu-ku, Kawasaki-shi KANAGAWA 213-8535, JAPAN.

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;

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

Name	Signature	Date
Takashi Hasunuma	<i>Takashi Hasunuma</i>	7/22/02
Naofumi Miyasaka	<i>Naofumi Miyasaka</i>	7/18/02
Masatoshi Sakamoto	<i>Masatoshi Sakamoto</i>	7/22/02
Takashi Sato	<i>Takashi Sato</i>	7/22/02