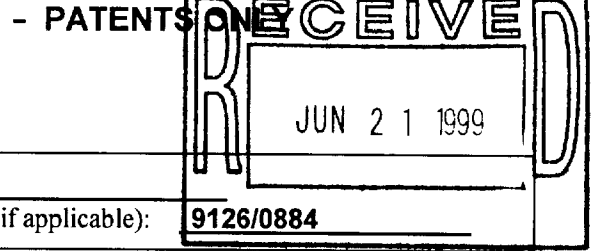


6.21.99

Attorney Docket No.: YH002-

06-24-1999

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To the Honorable Commissioner c  
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101073868

**SUBMISSION TYPE:** Corrective Document

Document ID # (if applicable): N/A Reel/Frame # (if applicable): 9126/0884

**CONVEYANCE TYPE:** Assignment  
If "Other," specify: N/A

**CONVEYING PARTY(IES):**  Mark if additional names of conveying parties attached

First Party:	Name (line 1): <u>Kitamoto, Yoshitaka</u>	Execution Date (MMDDYYYY): <u>05251999</u>
	Name (line 2): _____	
Second Party:	Name (line 1): <u>Hasunuma, Takashi</u>	Execution Date (MMDDYYYY): <u>05201999</u>
	Name (line 2): _____	
Third Party:	Name (line 1): <u>Fukuyama, Shozo</u>	Execution Date (MMDDYYYY): <u>05201999</u>
	Name (line 2): _____	
Fourth Party:	Name (line 1): <u>Miyasaka, Naofumi</u>	Execution Date (MMDDYYYY): <u>05201999</u>
	Name (line 2): _____	
Fifth Party:	Name (line 1): _____	Execution Date (MMDDYYYY): _____
	Name (line 2): _____	

**RECEIVING PARTY(IES):**  Mark if additional names of receiving parties attached

Name (line 1): K.K. Raychem Address: 1-12-17 Eda-nishi  
 Name (line 2): a company of Japan Midori-ku, Yokohama 225  
Japan

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (*Designation must be a separate document from Assignment.*)

**DOMESTIC REPRESENTATIVE NAME AND ADDRESS:**

Name: \_\_\_\_\_ Area Code and Telephone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**CORRESPONDENT NAME AND ADDRESS:**

Name: Marguerite E. Gerstner Area Code and Telephone Number: 650-361-2483  
 Address: Raychem Corporation  
Intellectual Property Law Dept.  
300 Constitution Drive, MS 120/1A  
Menlo Park, CA 94025-1164

**PAGES:**  
 Total number of pages of the attached conveyance document, including any attachments: 1

06/22/1999 DNGUYEN 00000246 180560 09011549

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**APPLICATION NUMBER(S) OR PATENT NUMBER(S):**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number. DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY.

Application No(s). 09011549 Patent No(s). \_\_\_\_\_

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor (MMDDYYYY): \_\_\_\_\_

**PATENT COOPERATION TREATY (PCT) NUMBERS:**

Mark if additional numbers attached

Enter PCT Application Number only if a U.S. Application Number has not been assigned.

**NUMBER OF PROPERTIES:**

Enter the total number of properties involved: 1

**FEE AMOUNT:**

Fee amount for properties listed (37 CFR 3.41): \$ 40.00

Method of payment:  Enclosed  Deposit account

Deposit account number: 18-0560 (Raychem Corporation). (Enter for payment by deposit account or if additional fees can be charged to the account.)

Authorization to charge additional fees:  Yes  No

**STATEMENT AND SIGNATURE:**

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.

Marquerite E. Gerstner, Reg. No. 32,695

Name of Person Signing

Marquerite E. Gerstner

Signature

June 15, 1999

Date

**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 Honorable Commissioner of Patents and Trademarks, Washington, DC 20231, on the date indicated below:

Date of deposit: 6/15/99

Name (printed): Michael Mitchell

Signature: Michael Mitchell

**ASSIGNMENT**

WHEREAS, I/we,

Yoshitaka Kitamoto, Takashi Hasunuma, Shozo Fukuyama, and Naofumi Miyasaka (“INVENTOR(S)”), all citizen(s) of JAPAN, and residing at 2589 Shinohara-cho, Kouhoku-ku, Yokohama City, JAPAN; <sup>5/20/99</sup> 1-15-10, Tamazukuri, Narita, Chiba, JAPAN; 1364-5, Moro, Miho, Inashiki-county, Ibaragi, JAPAN; and 2-10-1 #120, <sup>102 N.M. 5/20/99</sup> Misato-dai, Narita, Chiba, JAPAN, have made a new and useful invention which is the subject of an application (“APPLICATION”) for United States Letters Patent thereon, entitled

**PTC DEVICE AND BATTERY PACK USING THE SAME**

- for which I/we have this day executed the application papers for submission concurrently herewith to the US Patent Office; and
- which was filed on February 6, 1998 and has been assigned U.S. Application Serial No. 09/011,549; and

WHEREAS,

K. K. RAYCHEM (ASSIGNEE), a corporation organized and existing under and by virtue of the laws of JAPAN, having its principal place of business at 1-12-17 Eda-Nishi, Midori-ku, Yokohama 225 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
Yoshitaka KITAMOTO	<i>Yoshitaka Kitamoto</i>	May 25, 1999
Takashi HASUNUMA	<i>Takashi Hasunuma</i>	5/20/99
Shozo FUKUYAMA	<i>Shozo Fukuyama</i>	5/20/99
Naofumi MIYASAKA	<i>Naofumi Miyasaka</i>	5/20/99