PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FDK CORPORATION	02/14/2011

RECEIVING PARTY DATA

Name:	TANAKA CHEMICAL CORPORATION
Street Address:	5-10, Aza Sunahamawari, Shirakata-cho 45
City:	Fukui-shi, Fukui-ken
State/Country:	JAPAN
Postal Code:	910-3131

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7344803

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 3557G-000039

NAME OF SUBMITTER: Gregory A. Stobbs

Total Attachments: 2

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PATENT REEL: 025830 FRAME: 0397

PATENT ASSIGNMENT

WHEREAS, FDK CORPORATION, a Japanese Corporation, with a place of business at 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 Japan, (hereinafter "ASSIGNOR") is the co-owner of U.S. Patent No. 7,344,803, for "ALKALINE PRIMARY BATTERY":

WHEREAS, ASSIGNOR desires to assign all its right, title and interest in and to U.S. Patent No. 7,344,803 to co-owner TANAKA CHEMICAL CORPORATION, a Japanese Corporation, with a place of business at 5-10, Aza Sunahamawari, Shirakata-cho 45, Fukui-shi, Fukui-ken 910-3131 Japan (hereinafter "ASSIGNEE"); and

WHEREAS, Assignee, is desirous of acquiring the entire right, title and interest in and to U.S. Patent No. 7,344,803;

NOW, THEREFORE, for good and valuable consideration, ASSIGNOR agrees to assign, and hereby does assign, all its right, title, and interest in and to U.S. Patent No. 7,344,803, together with any reissues, reexaminations, and extensions thereof, including the right to sue for and to recover for past infringements thereof, unto said ASSIGNEE, its successors and assigns.

ASSIGNOR represents that at the time of execution of this Patent Assignment, ASSIGNOR is the co-owner of all right, title, and interest in and to U.S. Patent No. 7,344,803, and that ASSIGNOR has not assigned, transferred, licensed or encumbered ASSIGNOR'S rights therein, and that ASSIGNOR will not hereafter assign or attempt to assign any rights therein, or take any other action inconsistent with this Patent Assignment.

ASSIGNOR agrees to execute such further documents and take such acts as reasonably required by ASSIGNEE or ASSIGNEE'S successor to secure and enforce ASSIGNEE's rights in U.S. Patent No. **7,344,803**, including but not limited to further assignments.

FDK CORPORATION

新 四 李乡

Py Akira Kamada

TitleCorporate Senior Executive Vice President

Datereb. 14.2011

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Approved for use through 03/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UND	ER 37 CFR 3.73(b)	
Applicant/Patent Owner: FDK CORPORATION / TANAKA CHE	EMICAL CORPORATION	
Application No./Patent No.: 7,344,803		
Titled: ALKALINE PRIMARY BATTERY		
FDK CORPORATION , a Japan	nese corporation	
(Name of Assignee) (Type	of Assignoe, e.g., corporation, partnership, university, government agency, etc.	
states that it is:		
1. the assignee of the entire right, title, and interest in;		
an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is 50 %); or		
3. the assignee of an undivided interest in the entirety of (a	complete assignment from one of the joint inventors was made)	
the patent application/patent identified above, by virtue of either:		
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014882 Frame 0891, or for which a		
copy therefore is attached. OR		
B. A chain of title from the inventor(s), of the patent applica	tion/patent identified above, to the current assignee as follows:	
1. From:	То:	
The document was recorded in the United Sta	ales Palent and Trademark Office at	
Reel, Frame	or for which a copy thereof is attached.	
2. From:	То:	
The document was recorded in the United Sta		
Reel, Frame	, or for which a copy thereof is attached.	
3. From:		
The document was recorded in the United Sta	ites Patent and Trademark Office at	
Reel, Frame	or for which a copy thereof is attached.	
Additional documents in the chain of title are listed on a	a supplemental sheet(s).	
As required by 37 CFR 3.73(b)(1)(i), the documentary evide or concurrently is being, submitted for recordation pursuant to	ence of the chain of title from the original owner to the assignee was, o 37 CFR 3.11.	
[NOTE: A separate copy (i.e., a true copy of the original ass accordance with 37 CFR Part 3, to record the assignment in	signment document(s)) must be submitted to Assignment Division in the records of the USPTO. <u>See</u> MPEP 302.08]	
The undersigned (whose title is supplied below) is authorized to act	on behalf of the assignee.	
二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	Feb. 14.2011	
Signature	Corporate Senior Executive	
Akira Kamada	Vice President	
Printed or Typed Name	Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT REEL: 025830 FRAME: 0399

RECORDED: 02/18/2011