

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Toshimitsu HARADA</td> <td>06/27/2007</td> </tr> <tr> <td>Hisashi NAGI</td> <td>06/27/2007</td> </tr> <tr> <td>Hiroyuki KAWAI</td> <td>06/27/2007</td> </tr> <tr> <td>Masakazu NISHIYAMA</td> <td>06/27/2007</td> </tr> </tbody> </table>		Name	Execution Date	Toshimitsu HARADA	06/27/2007	Hisashi NAGI	06/27/2007	Hiroyuki KAWAI	06/27/2007	Masakazu NISHIYAMA	06/27/2007
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Hisashi NAGI	06/27/2007										
Hiroyuki KAWAI	06/27/2007										
Masakazu NISHIYAMA	06/27/2007										
RECEIVING PARTY DATA											
Name:	KURARAY CO., LTD.										
Street Address:	1621, Sakazu										
City:	Kurashiki-shi, Okayama										
State/Country:	JAPAN										
Postal Code:	710-8622										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11816714</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11816714						
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Application Number:	11816714										
CORRESPONDENCE DATA											
Fax Number:	(703)413-2220										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Gi Y. Yoon										

Total Attachments: 2
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**PATENT
 REEL: 019720 FRAME: 0467**

OP \$40.00 11816714

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) _____

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

(1) Toshimitsu HARADA of c/o KURARAY CO., LTD.,

2-1, Kaigandori 1-chome, Okayama-shi, Okayama 702-8601 Japan

(2) Hisashi NAGI of c/o KURARAY CO., LTD.,

2-1, Kaigandori 1-chome, Okayama-shi, Okayama 702-8601 Japan

(3) Hiroyuki KAWAI of c/o KURARAY CO., LTD.,

12-39, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-8611 Japan

(4) Masakazu NISHIYAMA of c/o KURARAY CO., LTD.,

2-1, Kaigandori 1-chome, Okayama-shi, Okayama 702-8601 Japan

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: _____

ALKALINE BATTERY SEPARATOR AND ALKALINE PRIMARY BATTERY

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on June 27, 2007

(Application No. 11/816,714, filed August 21, 2007), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, KURARAY CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

1621, Sakazu, Kurashiki-shi, Okayama 710-8622 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>June 27, 2007</u>	<u>Toshimitsu Harada</u> (Toshimitsu HARADA) (Signature of Inventor)
Date: <u>June 27, 2007</u>	<u>Hisashi Nagi</u> (Hisashi NAGI) (Signature of Inventor)
Date: <u>June 27, 2007</u>	<u>Hiroyuki Kawai</u> (Hiroyuki KAWAI) (Signature of Inventor)
Date: <u>June 27, 2007</u>	<u>Masakazu Nishiyama</u> (Masakazu NISHIYAMA) (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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