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To the Honorable Commissioner of Patents and Trademarks, Please, use the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kenji YANO, Misao IWATA, Hirokazu MATSUNAGA, Yukio SHIBATA and Yoshio TANIMIZU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 4/21/99; 4/4/99; 4/21/99;  
4/23/99 and 4/21/99

2. Name and address of receiving party(ies):

Name: 1) NORITAKE CO., LTD.  
2) SANYO CHEMICAL INDUSTRIES, Ltd.

Address: 1) 1-36, Noritake Shinmachi 3-chome,  
Nishi-ku, Nagoya-shi, Aichi-ken, Japan

2) 11-1, Ikkyo Nomoto-cho, Higashiyama-ku,  
Kyoto-shi, Kyoto 605-0995, Japan

Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/277,742

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

OBLON, SPIVAK, McCLELLAND, MAIER &  
NEUSTADT, P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
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9. 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.*

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PATENT  
REEL: 009989 FRAME: 0847

# Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) \_\_\_\_\_

Kenji YANO, Misao IWATA, and Hirokazu MATSUNAGA all c/o

NORITAKE CO., LTD.

1-36, Noritake Shinmachi 3-chome, Nishi-ku, Nagoya-shi,

Aichi-ken, Japan

Yukio SHIBATA and Yoshio TANIMIZU both c/o

SANYO CHEMICAL INDUSTRIES, Ltd.

11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto

605-0995 Japan

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: SEPARATOR FOR BATTERY AND  
METHOD FOR PRODUCING THE SAME

for which an application for Letters Patent was executed on \_\_\_\_\_

(Application No. 09/277,742, filed March 29, 1999), and  
1) NORITAKE CO., LTD.

WHEREAS, 2) SANYO CHEMICAL INDUSTRIES, Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1) 1-36, Noritake  
Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi-ken, Japan  
2) 11-1, Ikkyo  
Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 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.

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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>April 21, 1999</u>	<u>Kenji YANO</u> (Signature of Inventor) Kenji YANO
Date: <u>April 21, 1999</u>	<u>Misao IWATA</u> (Signature of Inventor) Misao IWATA
Date: <u>✓ Apr. 21, 1999</u>	<u>Hirokazu MATSUNAGA</u> (Signature of Inventor) Hirokazu MATSUNAGA
Date: <u>Apr. 23, 1999</u>	<u>Yukio SHIBATA</u> (Signature of Inventor) Yukio SHIBATA
Date: <u>✓ Apr. 21, 1999</u>	<u>Yoshio TANIMIZU</u> (Signature of Inventor) Yoshio TANIMIZU
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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1755 JEFFERSON DAVIS HIGHWAY  
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