RE(



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Yukihiro Nitta	Name: Matsushita Electric Industrial Co., Ltd.
Hiroyuki Matsuura	Internal Address:
Yuichiro Tsubaki	Street Address: 1006, Oaza Kadoma, Kadoma-shi
Katsuji Shiono	City: Osaka State: Japan ZIP: 571-8501
Additional name(s) of conveying party(ies) attached?	And
3. Nature of Conveyance:	N 1 11 Carrier at Carr
Assignment Merger	Name and address of receiving party(ies):
Security Agreement Change of Name	Name: Sanyo Chemical Industries, Ltd.
Correction of Assignment Recordation	Internal Address:
(previously recorded at Reel, Frame).	Street Address: 11-1, Ikkyo Nomoto-cho,
Other	Higashiyama-ku, Kyoto-shi
	City: Kyoto State: Japan ZIP: 605-0995
Execution Date: July 5, 1999	Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s):	the everytion data of the application in
If this document is being filed together with a new applic A. Patent Application Number(s) 09/249,152	B. Patent Number(s)
A. I atent Application Number(8) 03/247,132	D. I dient Indinoci(s)
Additional number(s) attached? YES NO	
5.Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	
Name: Andrew L. Ney	
rane. Andrew L. 1909	
Internal Address: Ratner & Prestia	7. Total fee (37 CFR 3.41): \$40.00
	Enclosed
Street Address: Suite 301, One Westlakes, Berwyn,	
P.O. Box 980	Authorized to be charged to deposit account
City: Valley Forge State: PA ZIP: 19482-0980	8. Deposit account number: 18-0350
· · · · · · · · · · · · · · · · · · ·	(Attach duplicate copy of this page if paying by deposit account.
DO NOT U	SE THIS SPACE
9. Statement and signature.	
	rmation is true and correct and any attached copy is a true c
the original document.	
ine original accument.	P - //
Music	L. Mell (mant 4 100
Andrew L. Ney Mucleur	L. Ney Congust 4, 199
Andrew L. Ney Name of Person Signing Signature	L' Gey Congust 4, 199
Andrew L. Ney Name of Person Signing 20,300 Andrew L. Ney Signature	L' Gey Conquest 4, 199
Andrew L. Ney Name of Person Signing 20,300 Registration. No.	Date Date
Andrew L. Ney Name of Person Signing 20,300 Registration. No. Total number of pages including controls Total num	Over sheet, attachments, and document: 6
Andrew L. Ney Name of Person Signing 20,300 Registration. No. Total number of pages including co	over sheet, attachments, and document: 6
Andrew L. Ney Name of Person Signing 20,300 Registration. No. Total number of pages including co	tach this portion
Andrew L. Ney Name of Person Signing 20,300 Registration. No. Total number of pages including of OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet informatic Commissioner of I	tach this portion on to: Patents and Trademarks
Andrew L. Ney Name of Person Signing 20,300 Registration. No. Total number of pages including of OMB No. 0651-0011 (exp. 4/94) Do not de Mail documents to be recorded with required cover sheet informati Commissioner of I	tach this portion on to:

ľ

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- 1. Yukihiro NITTA; 2-1-311, Nishiura, Kohata, Uji-shi, Kyoto Japan
- 2. Hiroyuki MATSUURA; 3-339-106, Ryogaemachi, Fushimi-ku, Kyoto-shi, Kyoto Japan
- 3. Yuichiro TSUBAKI; 22-1-510, Ujiyaochi, Uji-shi, Kyoto Japan

has invented and owns a certain invention entitled:

ELECTROCHEMICAL DEVICE

for which application for Letters Patent of the United States was filed on February 12, 1999, and assigned Serial No. 09/249,152, and

Whereas, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

SANYO CHEMICAL INDUSTRIES, LTD. 11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

Page 1 of 3

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this <u>5th</u> day of <u>July</u>, 1999.

Page 2 of 3

1. Jukihiro Pitter

(Yukihiro NITTA)

2. Kvoyuki Matsuura (Hiroyuki MATSUURA)

3. <u>Juichiro Janbaki</u>
(Yuichiro TSUBAKI)

Page 3 of 3

1

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

Katsuji SHIONO; 5-10-1, Oginosato,
 Otsu-shi, Shiga-ken Japan

has invented and owns a certain invention entitled:

ELECTROCHEMICAL DEVICE

for which application for Letters Patent of the United States was filed on February 12, 1999, and assigned Serial No. 09/249,152, and

Whereas, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

SANYO CHEMICAL INDUSTRIES, LTD.
11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi,
Kyoto 605-0995 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained

Page 1 of 2

therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 5th day of July , 1999.

1. <u>Katsuji Shiono</u>
(Katsuji SHIONO)

Page 2 of 2