



## 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;

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 5th day of July, 1999.

1. Yukihiko Nitta  
(Yukihiko NITTA)

2. Hiroyuki Matsuura  
(Hiroyuki MATSUURA)

3. Yuichiro Tsubaki  
(Yuichiro TSUBAKI)

## ASSIGNMENT

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

1. 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

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. Katsuji Shiono  
(Katsuji SHIONO)