

02-11-2004



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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2004 FEB -7 AM 9:24  
**Kenji Asakura**  
**Hidenaobu Muranaka** FINANCE SECTION  
**Shuichiro Yasuda**  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: Sony Chemicals Corporation  
Address: Neagari Plant, Ha-86  
Akai-machi, Neagari-machi, Nomi-gun  
City: Ishikawa State/Prov.: \_\_\_\_\_  
Country: Japan ZIP: \_\_\_\_\_  
Additional name(s) & address(es)  Yes  No

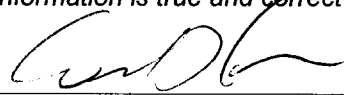
3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: November 10, 2003

4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
Patent Application No. Filing date B. Patent No.(s)  
10/694,598  
Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Eric D. Cohen  
Registration No. 38,110  
Address: Welsh & Katz, Ltd.  
120 South Riverside Plaza  
22nd Floor  
City: Chicago State/Prov.: IL  
Country: US ZIP: 60606

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
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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.*  
Eric D. Cohen  February 5, 2004  
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PATENT  
REEL: 014958 FRAME: 0923

02/10/2004 0008092 10 94598 40.00 0P  
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**ASSIGNMENT**

WHEREAS, Kenji Asakura, Hidenobu Muranaka and Shuichiro Yasuda all residing at c/o Sony Chemicals Corporation Neagari Plant, Ha-86, Akai-machi, Neagari-machi, Nomi-gun, Ishikawa, Japan, and all citizens of Japan, hereinafter collectively referred to as ASSIGNOR, have invented and own a certain invention entitled:

**ANTENNA MOUNTING PRINTED-CIRCUIT BOARD**

for which a patent application of the United States has been filed on October 27, 2003 and having a Serial No. of 10/694,598; and

WHEREAS, Sony Chemicals Corporation, a corporation organized and existing under the laws of Japan, having a place of business at Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo, Japan, hereinafter referred to as ASSIGNEE, 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 of 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 patent or any patent applications, continuations, divisions, renewals, substitutes or reissues thereof for the full term or terms for which the same may be granted.

ASSIGNOR also assigns all of his right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or 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 ASSIGNOR 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 applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date November 10, 2003

Kenji Asakura  
Kenji Asakura

Date November 10, 2003

Hidenobu Muranaka  
Hidenobu Muranaka

Date November 10, 2003

S. Yasuda  
Shuichiro Yasuda