

A/D 581-40

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ocket No. 113723

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying parties:
1) Noriaki KUDO
2) Asaei TAKABAYASHI
3) Akitoshi SUZUKI
4) Shin FUKUDA

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

2. A. Name and address of receiving party:
1) SONY CHEMICALS CORP.
6-3, NIHONBASHI-MUROMACHI 1-CHOME,
CHUO-KU, TOKYO 103-002 JAPAN
2) CIRCUIT FOIL JAPAN CO., LTD.
601-2, OTOROZAWA, IMAICHI-SHI
TOCHIGI 321-2336 JAPAN

B. Additional name(s) & address(es) attached?
☐ Yes ☒ No

3. A. Nature of conveyance:

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

B. Execution Date: 1) August 20, 2002
2) August 21, 2002 3-4) August 26, 2002

4. A. If this document is being filed together with a new application, the execution date of the application is:
1) August 20, 2002 2) August 21, 2002 3-4) August 26, 2002

B. Patent Application No.(s) 10,221,442
C. Patent No.(s) _____
Additional numbers attached? ☐ Yes ☒ No

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

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00
B. Enclosed (Check No. 134378)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.

Thomas J. Pardini

Date: September 12, 2002

James A. Oliff Registration No. 27,075
Thomas J. Pardini Registration No. 30,411

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) <u>Noriaki KUDO</u> (2) <u>Asaei TAKABAYASHI</u> (3) <u>Akitoshi SUZUKI</u> (4) <u>Shin FUKUDA</u>	(5) _____ (6) _____ (7) _____ and (8) _____
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In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (10) Insert Address of Assignee	(9) <u>①SONY CHEMICALS CORP. ②CIRCUIT FOIL JAPAN CO., LTD.</u> (10) <u>①6-3, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 Japan ②601-2, Otorozawa, Imaichi-shi Tochigi 321-2336 Japan</u>
--	---

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number	(11) <u>PCT/JP02/00033 filed on January 9, 2002</u> _____ (Case No. <u>113723</u>)
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for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application	(12) on <u>August 20 and 21, 2002</u>
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(13) Alternative Identification for filed applications	(13) U.S. application Serial Number _____ filed <u>September 12, 2002</u>
--	--

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>August 20, 2002</u>	Name of Inventor <u>Noriaki Kudo</u>	Noriaki KUDO (SEAL)
Date <u>August 21, 2002</u>	Name of Inventor <u>Asaei Takabayashi</u>	Asaei TAKABAYASHI (SEAL)
Date _____	Name of Inventor _____	Akitoshi SUZUKI (SEAL)
Date _____	Name of Inventor _____	Shin FUKUDA (SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>Aug. 20, 2002</u>	Witness <u>Takashi Murayama</u>	_____
Date <u>Aug. 21, 2002</u>	Witness <u>Hiroko Tajima</u>	_____

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) <u>Noriaki KUDO</u>	(5) _____
(2) <u>Asaei TAKABAYASHI</u>	(6) _____
(3) <u>Akitoshi SUZUKI</u>	(7) _____ and
(4) <u>Shin FUKUDA</u>	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee
 (10) Insert Address of Assignee

(9) <u>①SONY CHEMICALS CORP.</u> <u>②CIRCUIT FOIL JAPAN CO., LTD.</u>	(10) <u>①6-3, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 Japan</u> <u>②601-2, Otorozawa, Imaichi-shi Tochigi 321-2336 Japan</u>
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(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number

(11) <u>PCT/JP02/00033 filed on January 9, 2002</u>	(Case No. <u>113723</u>)
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for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application

(12) on <u>August 26, 2002</u>	_____
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(13) Alternative Identification for filed applications

(13) U.S. application Serial Number _____	filed <u>September 12, 2002</u>
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1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor <u>Noriaki KUDO</u> (SEAL)	_____
Date _____	Name of Inventor <u>Asaei TAKABAYASHI</u> (SEAL)	_____
Date <u>2002. 8. 26</u>	Name of Inventor <u>A. Suzuki</u> (SEAL)	<u>Akitoshi SUZUKI</u> (SEAL)
Date <u>2002. 8. 26</u>	Name of Inventor <u>S. Fukuda</u> (SEAL)	<u>Shin FUKUDA</u> (SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____