

03-16-2006



103198893

SHEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Rec'd PC 1700 JK MAR 2006

To the Honorable Commissioner of Patents

attached original documents or copy thereof.  
Address of receiving party(ies)

1. Name of conveying party(ies):

Yoshiaki Echigo, Jusirou Eguchi, Akira Shigeta,  
Makoto Uchida, Shigeru Moteki

Name: UNITIKA LTD.

Street Address: 50, Higashi-Hommachi 1-chome,  
Amagasaki-shi

City: Hyogo State: Japan Zip: 660-0824

Name: NIPPON KAYAKU KABUSHIKI KAISHA

Street Address: 11-2, Fujimi 1-chome, Chiyoda-ku

City: Tokyo State: Japan Zip: 102-8172

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

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 01/10/06 and 01/17/06

4. Application number(s) or patent number(s) SUBSTRATE FOR FLEXIBLE PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING THE SAME

If this document is being filed together with a new application, the execution date of this application is: 01/10/06 and 01/17/06

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

10571084

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

Name: Christopher J. Fildes

Internal Address: \_\_\_\_\_

Street Address: Fildes & Outland, P.C.

20916 Mack Avenue, Suite 2

City: Grosse Pointe Woods State: MI ZIP: 48236

6. Total number of 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: \_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

03/13/2006 LLANDGRA 00000059 10571084

04 FC:8021

40.00 OP

DO NOT USE THIS SPACE

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.

Christopher J. Fildes

Name of person signing

Chris J Fildes  
Signature

March 6, 2006

Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignments, Commissioner for Patents, P.O. Box 1450

Alexandria, VA 22313-1450

# ASSIGNMENT

(1-5) Insert Name(s) of Inventor(s).

(1) Yoshiaki ECHIGO  
 (2) Jusirou EGUCHI  
 (3) Akira SHIGETA  
 (4) Makoto UCHIDA  
 (5) Shigeru MOTEGI

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

(6) Insert name of Assignee(s) (6) UNITIKA LTD.  
 (6') NIPPON KAYAKU KABUSHIKI KAISHA  
 (7) Insert address of Assignee(s) (7) 50, Higashi-Hommachi 1-chome, Amagasaki-shi,  
Hyogo 660-0824 Japan  
 (7') 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(8) Insert Identification of Invention, such as Title, Case Number or Foreign Application No.

(8) SUBSTRATE FOR FLEXIBLE PRINTED WIRING BOARD AND METHOD  
FOR MANUFACTURING THE SAME Foreign Application or Case No.

for which the undersigned has (have) executed an application for patent in the United States of America

(9) Insert Date of Signing of Application (9) on \_\_\_\_\_

(10) Alternative identification for filed applications (10) U.S. applicants Serial Number \_\_\_\_\_  
 filed \_\_\_\_\_

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

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 or re-issue 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 perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representative thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

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 division or divisions or continuing applications thereof 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 agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of Fildes & Outland, P.C. 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 Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and /or assigns of the Assignee.

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

(1) Date January 10, 2006 Name of Inventor Yoshiaki Echigo  
Yoshiaki ECHIGO  
 (2) Date January 10, 2006 Name of Inventor Jusirou Eguchi  
Jusirou EGUCHI  
 (3) Date January 10, 2006 Name of Inventor Akira Shigeta  
Akira SHIGETA  
 (4) Date January 17, 2006 Name of Inventor Makoto Uchida  
Makoto UCHIDA  
 (5) Date January 17, 2006 Name of Inventor Shigeru Motegi  
Shigeru MOTEGI

Date January 10, 2006 Witness Masahiko Yoshida

Date January 17, 2006 Witness Akira Kumagai

PATENT

RECORDED: 03/06/2006

REEL: 017667 FRAME: 0659