

**RECORDATION FORM COVER SHEET
PATENTS ONLY****To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof**

1. Submission Type: <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID# _____ <input type="checkbox"/> Correction of PTO Error Reel # _____ Frame # _____ <input type="checkbox"/> Corrective Document Reel # _____ Frame # _____ Data Element in Question : _____	2. Conveyance Type: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> License <input type="checkbox"/> Merger </div> <div> <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ </div> </div> <p style="text-align: center;">U.S. GOVERNMENT (For Use ONLY by U.S. Government Agencies)</p> <input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File Total No. of pages of conveyance document including attachments _____
4. Name of conveying party(ies): ¹ Uhara, Kenji ² Sawasaki, Kouichi ³ Yasuda, Naofumi ⁴ Auman, Brian C. ⁵ Summers, John D. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Execution Date: ¹ 10/31/2001 ² 11/1/2001 ³ 10/31/2001 ⁴ 11/19/2001 ⁵ 12/7/2001	5. Name and address of receiving party(ies): E. I. DU PONT DE NEMOURS AND COMPANY LEGAL PATENTS BARLEY MILL PLAZA 25 WILMINGTON, DELAWARE 19880-0025 Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <div style="display: flex; justify-content: space-between;"> <div> A. Patent Application No.(s): PCT/US01/26289 Docket No.: HP-0028 PCT </div> <div> B. Patent No.(s): </div> </div> <p style="text-align: right;">Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
6. Correspondent Name & Address: ARNE R. JARNHOLM E. I. DU PONT DE NEMOURS AND COMPANY LEGAL-PATENTS BARLEY MILL PLAZA 25 WILMINGTON, DELAWARE 19880-0025	7. Total number of applications and patents involved: <u>1</u> 8. Total fee (37 CFR 3.41)..... <u>\$40.00</u> <input type="checkbox"/> Enclosed (Check No.: _____) <input checked="" type="checkbox"/> Authorized to be charged to deposit account 9. Deposit account number: <u>04-1928</u> (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
10. 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. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> CAROL REEDER SENIOR LEGAL CLERK </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: center;"> <u>12-18-2001</u> Date </div> </div> <p style="text-align: right; margin-top: 10px;">Total number of pages comprising cover sheet: <u>1</u></p>	

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5. Name and address of receiving party(ies) (continued):

DUPONT-TORAY COMPANY, LTD.
5-6 NIHONBASHI HONCHO
1-CHOME, CHUO-KU
TOKYO 103, JAPAN

ASSIGNMENT

We, the undersigned
**UHARA, Kenji, SAWASAKI, Kouichi, YASUDA, Naofumi, AUMAN, Brian C. and
 SUMMERS, John D.**

Hereby declare that

We are the true and first inventors of an invention relating to
**POLYIMIDE FILM, METHOD OF MANUFACTURE, AND METAL INTERCONNECT
 BOARD WITH POLYIMIDE FILM SUBSTRATE**

which is disclosed in PCT International Application, PCT/US01/26289 filed the 23rd day of August, 2001 (Case No. HP0028PCT); in which the United States of America is a designated state for Letters Patent; and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign, and transfer unto E. I. du Pont de Nemours and Company, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, and DUPONT-TORAY COMPANY, LTD, a corporation organized and existing under the laws of JAPAN and having its principal place of business at 5-6 Nihonbashi Honcho 1-Chome, Chuo-ku, Tokyo 103, Japan, hereinafter referred to as the assignees, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever; with the sole right to file such applications in their name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in their name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignees, their successors, assigns, and legal representatives, any facts known to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignees, their successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignees, their successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

Kenji Uhara (L.S.)
 UHARA, Kenji
 DATE: 31 October 2001

Kouichi Sawasaki (L.S.)
 SAWASAKI, Kouichi
 DATE: 1 November 2001

Naofumi Yasuda (L.S.)
 YASUDA, Naofumi
 DATE: 31 October 2001

Brian C. Auman (L.S.)
 AUMAN, Brian C.
 DATE: November 19, 2001

John D. Summers (L.S.)
 SUMMERS, John D.
 DATE: December 7, 2001