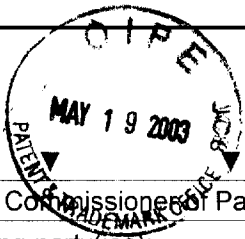


05-23-2003



102455280

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To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Patent and Trademark Office, Washington, DC 20503. Attached original documents or copy thereof.

1. Name of conveying party(ies):
Gerald B. WAYTON
Peter TREFONAS, III
Suzanne M. COLEY
Tomoki KURIHARA

Additional names(s) of conveying party(ies) Yes No

5-19-03

2. Name and address of receiving party(ies):

Name: **Shiple Company, L.L.C.**

Address: **455 Forest Street**

City: **Marlborough** State/Prov.: **MA**

Country: **U.S.A.** ZIP: **01752**

Additional name(s) & address(es) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **March 19, 2003 (completed)**

4. Application number(s) or registration 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

10/256,225 **September 26, 2002**
05/20/2003 WABDEL R1 00000031 10256225
04 FC:8021 **40.00 OP**

Additional numbers Yes No

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
 Authorized to be charged to deposit account

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

Name: **Peter F. Corless**

Registration No. **33,860**

Address: **Edwards & Angell, LLP**

P.O. Box 9169

City: **Boston** State/Prov.: **MA**

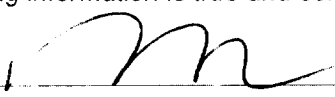
Country: **U.S.A.** ZIP: **02209**

8. Deposit account number:

04-1105

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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.

Peter F. Corless  **May 14, 2003**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **5**

ASSIGNMENT

WHEREAS, I, Gerald B. WAYTON of Leicester, Massachusetts, Peter TREFONAS, III of Medway, Massachusetts and I, Suzanne COLEY of Mansfield, Massachusetts, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "COATING COMPOSITIONS FOR USE WITH AN OVERCOATED PHOTORESIST", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on 09/26/02 and assigned United States Serial No. 10/256,225, and which application corresponds to and claims priority of United States Serial No. 60/325,254, filed September 26, 2001; and

WHEREAS, Shipley Company, L.L.C., located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignors have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of EDWARDS & ANGELL, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, 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, the Assignors have caused this Assignment to be executed.

Dated this 1 day of October, 2002.

Gerald B. Wayton
Gerald B. WAYTON

Dated this 30 day of September, 2002.

Peter Trefonas III
Peter TREFONAS, III

Dated this 26 day of September, 2002.

Suzanne M. Coley
Suzanne COLEY

ASSIGNMENT

WHEREAS, I, Tomoki KURIHARA of 1-4-3, Isurugi, Toyosaka, Niigata 950-3327, Japan, a co-inventor with Gerald B. WAYTON of Leicester, Massachusetts, Peter TREFONAS, III of Medway, Massachusetts and Suzanne COLEY of Mansfield, Massachusetts, (hereinafter referred to as "Assignor"), have invented certain new and useful improvements in "COATING COMPOSITIONS FOR USE WITH AN OVERCOATED PHOTORESIST", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office on September 26, 2002 and assigned United States Serial No. 10/256,225, and which application corresponds to and claims priority of United States Serial No. 60/325,254, filed September 26, 2001; and

WHEREAS, Shipley Company, L.L.C., located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignor has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, his entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor also has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, his entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignor also hereby grants the law firm of EDWARDS & ANGELL, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, 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 documents.

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 19 day of March, 2003.

Tomoki Kurihara

Tomoki Kurihara