

10-18-2001



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To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):

Anthony ZAMPINI
Michael K. GALLAGHER

10/11/01

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

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

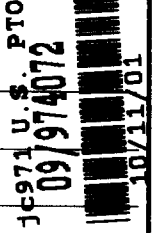
Name: Shipley Company, L.L.C.

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: 10/09/01

4. Application number(s) or registration numbers(s):

09/974072

If this document is being filed together with a new application, the execution date of the application is: 10/09/01

Patent Application No. Filing date

B. Patent No.(s)

0/15/2001 AADDF01 00000038 9974072

4 FC:581 40.00 OP

Additional numbers

Yes No

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

Dike, Bronstein, Roberts & Cushman, IP Group

P.O. Box 9169

City: Boston State/Prov.: MA

Country: U.S.A. ZIP: 02209

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

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.

S. Matthew Cairns

October 10, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

5

PATENT

ASSIGNMENT

WHEREAS, I, Anthony Zampini of Westborough, Massachusetts and I, Michael K. Gallagher of Lansdale, Pennsylvania, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ANTIREFLECTIVE POROGENS", for which an application for United States Letters Patent with the same title shall be filed herewith receiving Serial No. _____, and a filing date of _____, and which application corresponds to and claims priority of U.S. Provisional Application Serial No. 60/239,026, filed October 10, 2000; 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 9th day of October, 2001.


Anthony ZAMPINI

Dated this _____ day of _____, _____.

Michael K. GALLAGHER

Attorney Docket No. 50877**Page 1 of 2****ASSIGNMENT**

WHEREAS, I, Anthony Zampini of Westborough, Massachusetts and I, Michael K. Gallagher of Lansdale, Pennsylvania, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ANTIREFLECTIVE POROGENS", for which an application for United States Letters Patent with the same title shall be filed herewith receiving Serial No. _____, and a filing date of _____, and which application corresponds to and claims priority of U.S. Provisional Application Serial No. 60/239,026, filed October 10, 2000; 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.

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REEL: 012249 FRAME: 0086

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IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Dated this ____ day of _____, _____.

Anthony ZAMPINI

Dated this 8th day of October, 2001.



Michael K. GALLAGHER