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NMOL.P009

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kurt H. Weiner
Aaron Francis

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 8/7/2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Intermolecular, Inc.

Internal Address: _____

Street Address: 2885 Zanker Road

City: San Jose

State: CA

Country: US

Zip: 95134

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/448,369

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard L. Gregory

Internal Address: _____

Courtney Staniford & Gregory LLP

Street Address: 10001 N. De Anza Blvd., Suite 300

City: Cupertino

State: CA

Zip: 95014

Phone Number: 408-342-1900

Fax Number: 408-342-1909

Email Address: rgregory@csglp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

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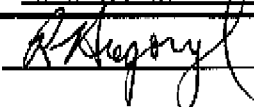
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9. Signature:



Signature

9/1/2006

Date

Richard L. Gregory, Jr.

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4

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PATENT
REEL: 018227 FRAME: 0869

Attorney Docket No.: NMOL.P009PATENTASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Kurt H. Weiner and Aaron Francis, the undersigned Assignors, believing to be the original, first and sole or joint inventors of any and all new and useful improvements disclosed in the application for the United States patent entitled

SYSTEMS AND METHODS FOR SEALING IN SITE-ISOLATED REACTORS

hereby sell, assign, and transfer to **Intermolecular, Inc.**, having a principal place of business at 2865 Zanker Road, San Jose, CA 95134, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application

X which was filed with the United States Patent and Trademark Office on June 6, 2006, and which was assigned Application Number 11/448,369

_____ which has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below.

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

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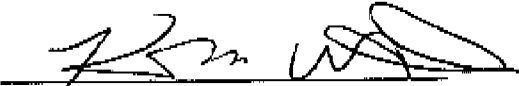
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The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

The undersigned hereby grant to the practitioners at Customer Number 53186, the Customer Number of Courtney Staniford & Gregory LLP, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventor/Assignor: Please Sign and Date Below:

8/7, 2006
Date


Name: Kurt H. WEINER

8/7, 2006
Date


Name: Aaron FRANCIS