

11-28-2006

FORM PTO-1595

(Rev. 6-93)



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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

HEET

Attorney Docket No.: 056100-5038-04

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Russell J. Hemley
Ho-Kwang Mao
Chih-shiue Yan

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Carnegie Institution of Washington

Internal Address:

Street Address: 1503 P Street, NW

City: Washington, D.C. 20005

Country: USA

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 12, 2004

4. New Application number(s) or patent number(s): Divisional Application filed November 30, 2006

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Mark J. Sullivan

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate page if paying by deposit account)

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.

Mark J. Sullivan

Name of Person Signing

Signature

Date: November 21, 2006

Total number of pages including cover sheet, attachments and documents: 3

11/27/2006 MJAMAY 00000007 500310 11602403
01 FC:8021 40.00 DA

ATTORNEY DOCKET NO: 056100-5038-01
SOLE/JCINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

TOUGH DIAMONDS AND METHOD OF MAKING THEREOF

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on July 13, 2004 (Serial No. _____); and

WHEREAS, Carnegie Institution of Washington, is duly organized and existing under the laws of the Distri ct of Columbia, whose post office address is 1530 P Street, N.W., Washington, D.C. 20005, (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignees are hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with the assignees, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

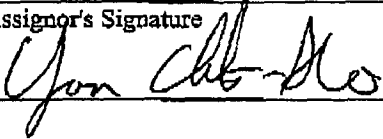
IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of First Assignor	Assignor's Signature	Date
Russell J. Hemley	<i>Russell Hemley</i>	<i>July 12 2004</i>
Address		Citizenship
5251 Broad Branch Road N.W., Washington, D.C. 20015		United States
Full Name of Second Assignor	Assignor's Signature	Date
Ho-Kwang Mao	<i>Ho-Kwang Mao</i>	<i>July 12, 2004</i>
Address		Citizenship
5251 Broad Branch Road N.W., Washington, D.C. 20015		United States

Names of additional inventors attached ☒ Yes ☐ No

Morgan, Lewis & Bockius LLP

ATTORNEY DOCKET NO: 056100-5038-01
SOLE/JC INT INVENTION
(U.S. Rights Only)

Full Name of Third Assignor	Assignor's Signature	Date
Chih-shiue Yan		7-12--04
Address		Citizenship
5251 Broad Branch Road N.W., Washington, D.C. 20015		Taiwan

Names of additional inventors attached ☐ Yes ☒ No

Morgan, Lewis & Bockius LLP

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