



FORM PTO-1595
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102036454

PATENTS ONLY

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

1. Name of conveying parties(ies):

Nancy J. Halas
Robert K. Bradley **3-14-02**

Additional name(s) of conveying party(ies):

Attached? Yes No

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

William Marsh Rice University
6100 Main Street
Houston, Texas 77005

Additional name(s) & address(es):

Attached? Yes No

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 21, 2002

4. 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 : _____

A. Patent Application No.(s). 10/012,791

Additional numbers attached? Yes No

B. Patent No.(s). _____

Additional numbers attached? Yes No

OFFICE OF PATENT RECORDS
2002 MAR 14 AM 9:06
FINANCE SECTION

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

SARAH S. BITTNER
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267

6. Total number of application and patents involved: 1

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

 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 03-2769

(Attach duplicate copy of this page if paying by deposit account)

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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

Sarah S. Bittner *Sarah S. Bittner* March 1, 2002
Name of Person Signing Signature Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

68817.01/1789-06601

03/28/2002 AARMED1 00000147 032769 10012791
01 FC 581 40.00 CH

PATENT
REEL: 012717 FRAME: 0275

ASSIGNMENT

WHEREAS, We, NANCY J. HALAS and ROBERT K. BRADLEY are joint inventors of *Partial Coverage Metal Nanoshells and Method of Making Same*, which is the subject of United States Letters Patent Application Serial No. 10/012,791, filed November 5, 2001, Attorney File No. 1789-06601; and

WHEREAS, WILLIAM MARSH RICE UNIVERSITY, a university doing business at 6100 Main Street, Houston, Texas 77005, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to WILLIAM MARSH RICE UNIVERSITY, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by WILLIAM MARSH RICE UNIVERSITY for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to WILLIAM MARSH RICE UNIVERSITY, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

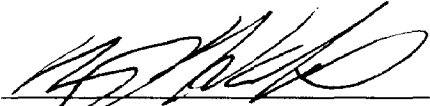
And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to WILLIAM MARSH RICE UNIVERSITY, its successors, assigns, or other legal representatives and that if WILLIAM MARSH RICE UNIVERSITY, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to WILLIAM MARSH RICE UNIVERSITY, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and

testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 21 day of February, 2002.

ASSIGNORS:



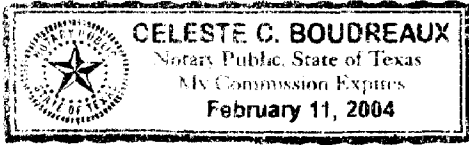
Nancy J. Halas

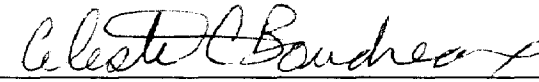
STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **NANCY J. HALAS**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.


GIVEN UNDER MY HAND and seal of office this 21st day of February, 2002.





Notary Public in and for the State of T E X A S

EXECUTED THIS 21 day of February, 2002.



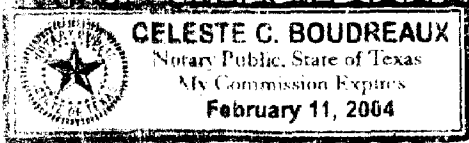
Robert K. Bradley

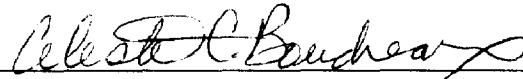
STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **ROBERT K. BRADLEY**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 21st day of February, 2002.





Notary Public in and for the State of T E X A S
