

12-27-2001

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Patent and Trademark Office

12/26/01

101926217
FORM COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies):

1. JOHN F. HARTWIG

2. QUINETTA SHELBY

3. NORIYASU KATAOKA

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

Name: YALE UNIVERSITY
155 WHITNEY AVENUE
NEW HAVEN, CT 06520-8336

Additional names & addresses attached?

[] Yes [X] No

3. Nature of conveyance:

[X] ASSIGNMENT [] Other

Execution date(s): (1) September 7, 2001 (2) October 2, 2001 (3) October 11, 2001 (4)

4. Application Number(s) or Patent Number(s) U.S. Serial No. 09/922,525

If this document is being filed together with a new application, the execution date of the Application is: (1)

(2) (3) (4)

A. Patent Application No.(s) U.S. Serial No. 09/922,525(Attorney Docket No.): 102249-200

B. Patent No.(s)

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

Name: TODD E. GARABEDIAN, Ph.D.
WIGGIN & DANA
ONE CENTURY TOWER, NEW HAVEN,
CONNECTICUT 06508-1832

6. Total number of applications and patents involved: { 1 }

7. Total Fee (37 CFR 3.41): \$40.00

[] Enclosed

[XX] Authorized to be charged to Deposit Account

8. Deposit Account No: 23-1665 (Attach duplicate copy of this page if paying by Deposit Account)12/27/2001 AMMED1 00000031 231665 09922525
01 FC 581 40.00 CH

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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.

Todd E. Garabedian, Ph.D.
Name of person signing

Signature

Date: 19 OCT 2001

Total number of pages comprising cover sheet { 1 }

ASSIGNMENT

WHEREAS, WE: **JOHN F. HARTWIG, QUINETTA SHELBY, and NORIYASU KATAOKA**, residing at 46R Stephens Wood Lane Durham, CT 06422; 6753 South Indiana Avenue, Chicago, IL 60637; and 1199 Whitney Avenue, New Haven, CT 06517; respectively,

have invented certain new and useful improvements in

CATALYST FOR AROMATIC C-O, C-N, and C-C BOND FORMATION

Which WE:

- () have executed an application for Letters Patent of the United States of even date herewith;
- (X) have filed an application for Letters Patent of the United States on August 3, 2001 under Serial No. 09/922,525 and not amended.

WHEREAS, **YALE UNIVERSITY**, of the State of Connecticut, situated at 155 Whitney Avenue, New Haven, CT 06520, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;


NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **YALE UNIVERSITY**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said **YALE UNIVERSITY**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have 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 HEREBY further covenant and agree that we will communicate to said **YALE UNIVERSITY**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **YALE UNIVERSITY**, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, WE hereunto set our hand and seal the day and year set opposite our signatures.

Date: 9/27/01, 2001

 L.S.
JOHN F. HARTWIG

Date: _____, 2001

QUINETTA SHELBY

Date: _____, 2001

NORIYASU KATAOKA

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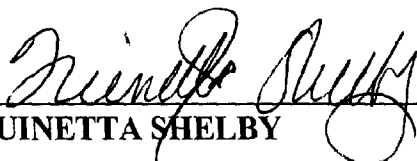
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **YALE UNIVERSITY**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said **YALE UNIVERSITY**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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IN TESTIMONY WHEREOF, WE hereunto set our hand and seal the day and year set opposite our signatures.

Date: _____, 2001 _____ L.S.
JOHN F. HARTWIG

Date: October 2, 2001  L.S.
QUINETTA SHELBY

Date: _____, 2001 _____ L.S.
NORIYASU KATAOKA

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Date: _____, 2001 _____ L.S.
JOHN F. HARTWIG

Date: _____, 2001 _____ L.S.
QUINETTA SHELBY

Date: 10 / 11, 2001 Noriyasu Kataoka L.S.
NORIYASU KATAOKA

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