

03-29-2002

Practitioner's Docket No. LAR 16176-1



PATENT

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

102036956

COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING  
NEW PATENT APPLICATION (37 C.F.R. section 3.31)

3-8-02

IDENTIFICATION OF APPLICATION  
(37 C.F.R. section 3.21 and 37 C.F.R. section 3.31(a)(4))



1. The patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:
  - a. Type of application: Application of patent (37 C.F.R. section 1.53(b))
  - b. Date of execution: March 8, 2002
  - c. Name of each inventor:
    - 1: Connell, John W.
    - 2: Smith, Jr., Joseph G.
    - 3: Hergenrother, Paul M.
    - 4: Watson, Kent A.
    - 5: Thompson, Craig M.
  - d. Title of invention: SPACE ENVIRONMENTALLY DURABLE POLYIMIDES AND COPOLYIMIDES

10/095340

{00000469.1 }

CERTIFICATION UNDER 37 C.F.R. SECTION 1.10\*

(Express Mail label number is **mandatory**.)

(Express Mail certification is optional )

I hereby certify that this "Cover Sheet for Assignment (Document) Accompanying New Patent Application" and the documents referred to as attached therein are being deposited with the United States Postal Service on this March 8, 2002 in an envelope as "Express Mail Post Office to Addressee," mailing Label Number ET942801355US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

03/08/02  
Date

Patrick F. Roughen, Jr.

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. section 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b).  
"Since the filing of correspondence under SECTION 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439,

03/28/2002 DBYRNE 00000034 140118 5010095340

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(Cover Sheet for Assignment Accompanying New Patent Application--page 1 of 3)

PATENT  
REEL: 012718 FRAME: 0339

**NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. section 3.31(a)(1))**

2. The parties conveying this interest are:

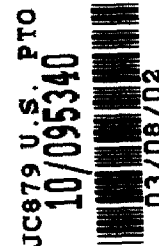
Name 1: Connell, John W.

Name 2: Smith, Jr., Joseph G.

Name 3: Hergenrother, Paul M.

Name 4: Watson, Kent A.

Name 5: Thompson, Craig M.



**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

**(37 C.F.R. section 3.31(a)(2))**

3. The rights are being conveyed to:

National Aeronautics and Space Administration

Washington, D.C. 20546-0001

**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED**

**(37 C.F.R. section 3.31 (a)(3))**

4. The accompanying document intends to accomplish:  
an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE**

**SHOULD BE MAILED (37 C.F.R. section 3.31(a)(5))**

5. Please address correspondence to:

NASA Langley Research Center

Mail Stop 212

3 Langley Boulevard

Hampton, VA 23681

757-864-9340

**DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. section 3.31(a)(7))**

6. The attached assignment (document) was executed on March 8, 2002.

**LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED**

7. The attached document is in the English language.

**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

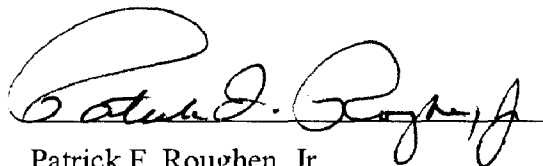
8. Submitted herewith is the original document.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET  
AND THE FEE**

9.     A.     This cover sheet identifies only one application.  
       B.     The fee for recordal (37 C.F.R. section 1.21(h)) is \$40.00.  
              Please charge Account 14-0116 \$40.00.  
              A duplicate of this cover sheet is attached.

**STATEMENT (37 C.F.R. section 3.31(a)(9))  
AND SIGNATURE (37 C.F.R. section 3.31(a)(10))**

10.    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.



Patrick F. Roughen, Jr.  
Registration No. 47,041  
NASA Langley Research Center  
Mail Stop 212  
3 Langley Boulevard  
Hampton, VA 23681  
757-864-9340  
Customer No. 23351

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

11.    The total number of pages being submitted, including cover sheet, attachment(s), and document(s) is:  
       7 (seven).

For: ☒ U.S. and/or ☒ Foreign RightsFor: ☐ U.S. Application or  
☐ U.S. Provisional ApplicationFor: ☐ U.S. PatentFor: ☐ PCT Application

By: Multiple Inventors

## ASSIGNMENT AND AGREEMENT

WHEREAS, the undersigned inventors are National Research Council Research Associates having elected NOT to retain the title under the provisions of "National Aeronautics and Space Administration - Disposition of Rights in Patent and Copyright", executed on \_\_\_\_\_, to the Subject Invention made as a consequence of, or in direct relation to, their tenure as Research Associates, the Subject Invention being identified as:

TITLE: SPACE ENVIRONMENTALLY DURABLE POLYIMIDES AND COPOLYIMIDES

INVENTORS: CRAIG M. THOMPSON                      KENT A. WATSON  
                  12 I Cedar Wood Way                      5735 North Courthouse Road  
                  Newport News, Virginia 23608, USA      New Kent, Virginia 23124, USA

(This Assignment is applicable to INVENTORS): CRAIG THOMPSON AND KENT WATSON (hereinafter referred to as ASSIGNORS); and

WHEREAS, the making of this Assignment and Agreement is in accordance with 15 USC §§ 3701-3715.

NOW THEREFORE, in consideration of financial and other benefits attributable to their tenure as a Research Associateship awardees, the ASSIGNORS hereby sells, assigns and transfers to

ASSIGNEE: Administrator  
National Aeronautics and Space Administration (NASA)  
Washington, DC 20546-0001

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☐ the entire right, title and interest
- ☒ an undivided ONE-HALF ( 1/2 ) interest for the United States and its territorial possessions
- (check the following box, if foreign rights are also to be assigned)
- ☒ and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the Subject Invention

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on \_\_\_\_\_
- (c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
- ☐ Express mail label no.: ET942801355US
- ☐ Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNORS signing below, hereby authorize and request the attorney of record to insert below the filing date and application number when they become known.

(d) U.S. application no. \_\_\_\_\_ filed on \_\_\_\_\_  
(e) International application no. PCT / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

(g) \_\_\_\_\_ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said Subject Invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said Subject Invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof;

ASSIGNORS further understands that they will share in any licensing royalties NASA Langley Research Center may receive for the Subject Invention, and/or for all Letters Patent to be obtained for said Subject Invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof, to the same extent as the NASA inventor(s).

IN WITNESS WHEREOF, I/we have hereunto set our hand and seal.

Date: 3/8/2002

Craig M. Thompson  
CRAIG M. THOMPSON

Date: 3/8/2002

Kent A. Watson  
KENT A. WATSON

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

For: U.S. Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

John W. Connell  
204 Henry Lee Lane  
Yorktown, VA 23692  
Nationality: USA

Joseph G. Smith, Jr.  
208 Smith Drive  
Smithfield, VA 23430  
Nationality: USA

Paul M. Hergenrother  
304 Old Dominion Road  
Yorktown, VA 23692

hereby sell, assign and transfer to

**ASSIGNEE:** The United States Government, as represented by the administrator of the National Aeronautics and Space Administration, and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

**SPACE ENVIRONMENTALLY DURABLE POLYIMIDES AND COPOLYIMIDES**

and which is found in (37 C.F.R. section 3.21) U.S. patent application executed on March 8, 2002, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

March 8, 2002  
Date

March 8, 2002  
Date

March 8, 2002  
Date

John W. Connell  
Signature of John W. Connell

Joseph G. Smith, Jr.  
Signature of Joseph G. Smith, Jr.

Paul M. Hergenrother  
Signature of Paul M. Hergenrother