

04-14-2004

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT



102721176

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Director of the United States Patent and Trademark Office: Please record the attached original document(s) or copy(ies).

Submission Type

☐ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☒ Correction of PTO Error  
Reel #  012551 Frame #  0572  
☐ Corrective Document  
Reel #  Frame #

Conveyance Type

☒ Assignment of Security Interest  
☐ License  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other   
U.S. Government  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached  
Name (line 1)  Duratek, Inc.  
Name (line 2)   
Second Party  
Name (line 1)   
Name (line 2)   
Execution Date  
Month Day Year  
12/12/2001

Receiving Party

☐ Mark if additional names of receiving parties attached  
Name (line 1)  Wachovia Corporation (formerly First Union National Bank)  
Name (line 2)   
Address (line 1)  301 S. College St.  
Address (line 2)   
Address (line 3)  Charlotte  North Carolina  28288  
City State/Country Zip Code  
If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name   
Address (line 1)   
Address (line 2)   
Address (line 3)   
Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS

Mail documents to be recorded with required cover sheet(s) information to:  
Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office,  
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 015201 FRAME: 0583

## Correspondent Name and Address

Area Code and Telephone Number

Name James D. Wright

Address (line 1) Kennedy Covington Lobdell &amp; Hickman, LLP

Address (line 2) Hearst Tower - 47th Floor

Address (line 3) 214 N. Tryon Street

Address (line 4) Charlotte, North Carolina 28202

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 7

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5,868,814

If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit AccountEnclosed ☐Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐No ☐

## 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. Charges to deposit account are authorized, as  
indicated herein.

James D. Wright

Name of Person Signing

Signature

April 7, 2004

Date

02-13-2002  
101980597

Docket No.: 13568.046

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → → ▼ ▼ ▼ ▼ ▼

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

1. Name of conveying party(ies):

**Duratek, Inc.**  
10100 Old Columbia Road  
Columbia, MD 21046

1-2908

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: **December 12, 2001**

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

Name: **First Union National Bank**

Internal Address: **4th Floor**

Street Address: **301 S. College St.**

City: **Charlotte** State: **NC** ZIP: **28288**

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

4. Application number(s) or patent numbers(s):

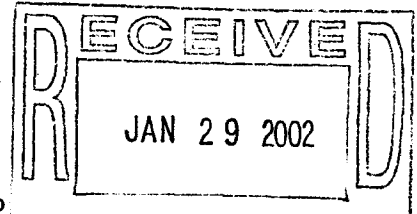
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

5,868,814

Additional numbers attached? ☐ Yes ☒ No



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

Name: **James D. Wright**

Internal Address: **Kennedy Covington Lobdell &**

**Hickman, LLP**

**4200 Bank of America Corporate Center**

Street Address: **100 N. Tryon St.**

02/12/2002 DBYRNE 00000157 5868814

01 FC:581 40.00 DP

City: **Charlotte** State: **NC** ZIP: **28202**

6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

**18-1215**

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

DO NOT USE THIS SPACE

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.

**James D. Wright**

Name of Person Signing

Signature

**January 8, 2002**

Date

Total number of pages including cover sheet, attachments, and document:

6

**ASSIGNMENT OF SECURITY INTEREST  
IN UNITED STATES PATENTS AND TRADEMARKS**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, DURATEK, INC., a Delaware corporation (f/k/a GTS Duratek, Inc.) (the "Assignor"), having its chief executive office at 10100 Old Columbia Road, Columbia, Maryland 21046, hereby assigns and grants to FIRST UNION NATIONAL BANK (f/k/a First Union National Bank of Maryland), a national banking association, as Collateral Agent (the "Assignee"), with offices at 301 South College Street, 4th Floor, Charlotte, North Carolina 28288-0735, a security interest in all of the Assignor's right, title and interest in, to and under the following (all of the following items or types or property being herein collectively referred to as the "Patent and Trademark Collateral"), whether presently existing or hereafter arising or acquired:

(i) each Patent and Patent application of the Assignor, including each Patent and Patent application referred to on Schedule A hereto;

(ii) each Trademark, Trademark registration and Trademark application, and all of the goodwill of the business connected with the use of, and symbolized by, each Trademark, Trademark registration and Trademark application of the Assignor, including each Trademark, Trademark Registration and Trademark Application referred to in Schedule B hereto; and

(iii) all products and proceeds of the foregoing, including any claim by the Assignor against third parties for past, present or future infringement of any Patent, or past, present or future infringement or dilution of any Trademark or Trademark registration, including any Patent or Trademark listed on Schedule A or Schedule B hereto, applicable, or under any Patent or Trademark licensed under any Patent License or Trademark License, including any such License listed on Schedule A or Schedule B hereto, as applicable, or for injury to the goodwill associated with any Trademark, Trademark registration or Trademark License.

THIS ASSIGNMENT shall have an effective date as of December 12, 2001.

THIS ASSIGNMENT is granted in conjunction with the security interests granted to the Assignee pursuant to the Second Amended and Restated Security Agreement among the Assignor and the Assignee dated as of June 8, 2000, as amended, supplemented or modified from time to time (the "Security Agreement"). Capitalized terms not otherwise defined herein shall have the meaning assigned thereto in the Security Agreement.

THIS ASSIGNMENT has been granted in conjunction with the security interest granted to the Assignee under the Security Agreement. The rights and remedies of the Assignee with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Assignment are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the

12<sup>th</sup> day of December, 2001.

DURATEK, INC., (f/k/a GTS Duratek, Inc.), as  
Assignor

By: Craig T. Bartlett

Name: Craig T. Bartlett

Title: Treasurer

STATE OF

MARYLAND

COUNTY OF

HOWARD

The foregoing instrument was acknowledged before me this 12<sup>th</sup> day of  
DECEMBER, 2001 by CRAIG T. BARTLETT, as TREASURER of  
DURATEK, INC., a Delaware corporation, on behalf of DURATEK, INC.

Patricia L. Warfield  
Notary Public

[NOTARY SEAL]

My commission expires: June 1, 2003

Patricia L. Warfield, Notary Public  
Carroll County  
State of Maryland  
My Commission Expires June 1, 2003

- FIRST UNION NATIONAL BANK  
(f/k/a First Union National Bank of Maryland),  
as Assignee

By: John J. Wenzel  
Name: Helen F. Wenzel  
Title: SVP

STATE OF PA

COUNTY OF Philadelphia

The foregoing instrument was acknowledged before me this 3 day of January,  
2002 by Helen F. Wenzel as SVP of FIRST UNION  
NATIONAL BANK, a national banking association, on behalf of FIRST UNION NATIONAL  
BANK.

[NOTARY SEAL]

Barbara J. Consalvo  
Notary Public  
My commission expires: July 6, 2004

Notarial Seal  
Barbara J. Consalvo, Notary Public  
Philadelphia, Philadelphia County  
My Commission Expires July 6, 2004

**SCHEDULE A**

**PATENTS AND PATENT APPLICATIONS**

**PATENTS**

**REGISTRATION NOS.**

Apparatus for recirculating molten glass

5,868,814

**PATENT APPLICATIONS**

**APPLICATION NO.**

None.