

07-26-2005

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Richard E. Berkenbush, Donald W. Gattoni, Santosh Kumar and Edward D. O'Neill

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) July 14, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: BAE SYSTEMS Information and Electronic Systems Integr

Internal Address: \_\_\_\_\_

Street Address: 164 Totowa Road

City: Wayne

State: New Jersey

Country: USA Zip: 07474

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

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

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David L. Davis

Internal Address: \_\_\_\_\_

Street Address: 90 Washington Valley Road

City: Bedminster

State: New Jersey Zip: 07921

Phone Number: (908) 719-8961

Fax Number: (908) 781-1489

Email Address: david@davispatent.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0787

Authorized User Name David L. Davis

**9. Signature:**

Signature

7/19/05

Date

David L. Davis

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT  
REEL: 016789 FRAME: 0546

# **ASSIGNMENT**

(Joint Inventors)

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we,

**Inventor No. and Name**

**Residing at:**

- |                                  |   |
|----------------------------------|---|
| (1) <b>Richard E. Berkenbush</b> | <b>34 Elizabeth Avenue, Pompton Plains, NJ 07444 USA,</b>   |
| (2) <b>Donald W. Gattoni</b>     | <b>8 Butternut Road, Allendale, NJ 07401 USA,</b>           |
| (3) <b>Santosh Kumar</b>         | <b>43 Whitewood Drive, Morris Plains, NJ 07950 USA, and</b> |
| (4) <b>Edward D. O'Neill</b>     | <b>150 Elizabeth Place, Totowa, NJ 07512 USA,</b>           |

sell and assign to **BAE SYSTEMS Information and Electronic Systems Integration Inc.**, a corporation of **DELAWARE, U.S.A.**, having offices at **164 Totowa Road, Wayne, New Jersey, 07474 U.S.A.** (the "Company"), its successors, assigns and nominees, our entire right, title and interest:

- (1) in and to the invention relating to improvements in **COLD PLATE COOLING APPARATUS FOR A RACK MOUNTED ELECTRONIC MODULE** invented by us and shown and described in the application for United States Patent executed concurrently herewith (the "Invention");
- (2) in and to all applications for patents for the Invention, in all countries in the world, including all divisions, reissues, substitutions, extensions and continuations thereof;
- (3) in and to all patents which may be granted therefor and all reissues and extensions and continuations thereof; and
- (4) in all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority resulting from the filing of any of said applications.

We authorize and request the Commissioner for Patents, and all other issuing authorities, to issue all patents on the Invention, or resulting from said applications, to the Company as assignee of the entire interest therein, and covenant that we have full right so to do, and agree that we will communicate to the Company or its representatives any facts known to us respecting the Invention, testify in any legal proceeding relating to the Invention, execute all divisional, continuing and reissue applications and all assignments of the Invention and of the right to apply for patents therefor in all countries, make all rightful oaths, sign all other lawful documents, and generally do everything reasonably possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention in all countries in the world.

We further authorize any officer of the Company, its successors, assigns and nominees, to execute on our behalf all documents necessary for the filing of any such applications, including divisional, continuing and reissue applications, and all assignments of the Invention and all documents necessary to apply for patents therefor in all countries, including making all rightful oaths, signing all other lawful documents, and generally doing everything necessary on our behalf to obtain and enforce proper patent protection for the Invention in all countries in the world.

ASSIGN3. «DOCKET»

**PATENT**  
**REEL: 016789 FRAME: 0547**

IN WITNESS WHEREOF, we hereby execute this document on the dates set forth immediately following our respective signatures.

INVENTOR NO. 1: **RICHARD E. BERKENBUSH**

Signature: Richard E. Berkenbush

(Inventor No. 1)

This 14 day of July, 2005.

State of N.J.)

County of Passaic) ss.

On this 14 day of July, 2005, before me, a Notary Public in and for the State and County shown above, personally appeared **RICHARD E. BERKENBUSH**, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Steven C. Jaffe

Notary Public

**STEVEN C. JAFFE**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 1/8/2009

INVENTOR NO. 2: **DONALD W. GATTONI**

Signature: Donald W. Gattoni

(Inventor No. 2)

This 14 day of July, 2005.

State of NJ)

County of PASSAIC) ss.

On this 14 day of July, 2005, before me, a Notary Public in and for the State and County shown above, personally appeared **DONALD W. GATTONI**, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Steven C. Jaffe

Notary Public

**STEVEN C. JAFFE**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 1/8/2009

INVENTOR NO. 3: **SANTOSH KUMAR**Signature: Santosh Kumar  
(Inventor No. 3)This 14 day of July, 2005.State of NJ)  
County of Passaic) ss.

On this 14 day of July, 2005, before me, a Notary Public in and for the State and County shown above, personally appeared **SANTOSH KUMAR**, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Steven C. Jaffe  
Notary Public

STEVEN C. JAFFE  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 1/8/2009

INVENTOR NO. 4: **EDWARD D. O'NEILL**Signature: Edward D. O'Neill  
(Inventor No. 4)This 14 day of JULY, 2005.State of N.J.)  
County of PASSAIC) ss.

On this 14 day of July, 2005, before me, a Notary Public in and for the State and County shown above, personally appeared **EDWARD D. O'NEILL**, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Steven C. Jaffe  
Notary Public

STEVEN C. JAFFE  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 1/8/2009

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