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- [X] New
- [ ] Resubmission (Non-Recordation)
- [ ] Correction of PTO Error
  - Document ID:
  - Reel #:
  - Frame #:
- [X] Corrective Document (error made by applicant)
  - (in Form PTO-1619A)
  - Reel # 012877
  - Frame # 0237

**Conveyance Type**
- [X] Assignment
- [ ] Security Agreement
- [ ] License
- [ ] Change of Name
- [X] Merger
- [ ] Other: Corrected assignment to correct the assignees' name copies of prior papers attached
  - U.S. Government
  - Departmental File
  - Secret file

**Conveying Party(ies)**

<table>
<thead>
<tr>
<th>Name (line 1)</th>
<th>Diane G. Mills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name (line 2)</td>
<td></td>
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</table>

**Second Party**

<table>
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<tr>
<th>Name (line 1)</th>
<th></th>
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<td>Name (line 2)</td>
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**Receiving Party**

<table>
<thead>
<tr>
<th>Name (line 1)</th>
<th>BAE Systems Information and Electronic Systems Integration Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name (line 2)</td>
<td></td>
</tr>
<tr>
<td>Address (line 1)</td>
<td>65 Spit Brook Road</td>
</tr>
<tr>
<td>Address (line 2)</td>
<td></td>
</tr>
<tr>
<td>Address (line 3)</td>
<td>Nashua, New Hampshire 03061</td>
</tr>
<tr>
<td>City</td>
<td>State/Country:</td>
</tr>
<tr>
<td></td>
<td>Zip Code:</td>
</tr>
</tbody>
</table>

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

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<tbody>
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<td>Address (line 3):</td>
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<tr>
<td>Address (line 4):</td>
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</table>

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Reel: 013129 Frame: 0802**
Correspondent Name and Address

Name: Daniel Long
Address (line 1): BAE Systems, Inc.
Address (line 2): 65 Spit Brook Road
Address (line 3): Nashua, New Hampshire
Address (line 4): 03061

Area Code and Telephone Number: (603) 885-2643

Pages
Enter the total number of pages of the attached conveyance document including any attachments. # [1]

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 Numbers

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month: April, Date: 29, Year: 2002

Patent Cooperation Treaty (PCT)

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

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): $40

Method of Payment:
Enclosed [X] Deposit Account [ ]

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

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.

Joseph E. Funk
Name of Person Signing

Signature
Date: July 25, 2002

PATENT
REEL: 013129 FRAME: 0803
Form PTO-1619A

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[ ] License  [ ] Change of Name
[ ] Merger  [ ] Other

U.S. Government
Departmental File
Secret file

Conveying Party(ies)  [ ] Mark if additional names of conveying parties attached

Name (line 1)  Diane G. Mills
Name (line 2)

Second Party

Name (line 1)
Name (line 2)

Receiving Party  [ ] Mark if additional names of conveying parties attached

Name (line 1)  BAE Systems, Inc.
Name (line 2)
Address (line 1)  65 Split Brook Road
Address (line 2)
Address (line 3)  Nashua, New Hampshire 03061
City  State/Country  Zip Code

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):

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703-508-9723
7031

PATENT
REEL: 013129 FRAME: 0804
Form PTO-1619B

Correspondent Name and Address Area Code and Telephone Number (603) 885-2643

Name: Daniel Long
Address (line 1): BAE Systems, Inc.
Address (line 2): 65 Split Brook Road
Address (line 3): Nashua, New Hampshire
Address (line 4): 03061

Pages Enter the total number of pages of the attached conveyance document including any attachments. [ 1 ]

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 Numbers Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Date Year 04 29 02

Patent Cooperation Treaty (PCT) Enter PCT application number PCT PCT PCT
only if a US Application Number PCT PCT PCT has not been assigned.

Number of Properties Enter the total number of properties involved. [ 1 ]

Fee Amount Fee amount for Properties listed (37 CFR 3.41): $ 40
Method of Payment: Enclosed [ ] Deposit Account [x]
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: # [ 19-0130 ]
Authorization to charge additional fees: YES [x] 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.

Joseph E. Funk
Name of Person Signing

Signature April 29, 2002
EXHIBIT A
ASSIGNMENT

For value received, I, Diane G. Mills residing at the address set forth below next to my name, a citizen of the United States of America, do hereby sell and assign for myself and my heirs, successors, and assigns, to BAE SYSTEMS Information and Electronic Systems Integration Inc. (hereinafter referred to as the “Company”), a Delaware corporation, having a place of business at 65 Spit Brook Road, Nashua, New Hampshire 03061, its successors, assigns, and nominees, my entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the invention relating to improvements in

METHOD AND APPARATUS FOR RANDOM SHUFFLED TURBO MULTIUSER DETECTOR

invented by me, and the application for United States Patent therefor, identified by Docket No. D-4623 of the Company, and executed on even date herewith, and all divisions and continuations thereof, and all Patents which may be granted therefor and all reissues and extensions thereof together with all my rights in and to the said invention and any Patents that may hereafter be obtained therefor in any and all foreign countries including the right of priority under the International Convention based on the said application and the right of said Company to apply in its own name for Letters Patent therefor in any and all foreign countries, where legally permissible, and authorize and request the Commissioner of Patents and Trademarks to issue all United States Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and testify in any legal proceeding, execute all divisional, continuing and reissue applications and all assignments of said invention, make all rightful oaths, sign all lawful papers, if and when required to do so, and generally do everything reasonably possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

Signed at Merrimack, New Hampshire, this 29th day of April, 2002

Diane G. Mills 2 Nottingham Drive, Wilmington, MA 01887 Residence
State of New Hampshire ss
County of Hillsborough

On this 19th day of April, 2002, before me appeared Diane G. Mills to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

My commission expires:


RECORDED: 07/25/2002

PATENT
REEL: 013129 FRAME: 0806