

01-04-2005

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent And Trademark Office

12/15/04

102903376

To the Honorable Commissioner For Patents

nal documents or copy thereof:

1. Name of conveying party(ies):

Allen R. Samuels and Paul G. Sutter

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: December 9, 2004 and December
14, 2004

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

Name: Orbital Data Corporation

Internal Address:

Street Address: 1900 S. Norfolk St., Suite 320

City: San Mateo

State: CA Zip: 94403

Additional name(s) & address(es) attached?

☐ Yes ☒ No22141 U.S. PTO
11/014532
121504

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

If this document is being filed together with a new application, the execution date of the application is: Dec. 9, 2004 and
Dec. 14, 2004

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert A. Hulse
 Internal Address: Fenwick & West LLP
 Street Address: Silicon Valley Center
 801 California Street
 City: Mountain View State: CA Zip Code: 94041

01/03/2005 6TON11 00000146 192555 11014532

01 FC:0021

40.00 DA

DO NOT USE THIS SPACE

6. Total number of applications and patents involved: 1

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

- ☐ Check Enclosed
☐ Fee Transmittal Enclosed
☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

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.

Robert A. Hulse, Reg. No. 48,473

Name of Person Signing

Signature

December 15, 2004

Date

Total number of pages including cover sheet, attachments, documents: 3

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

Case Docket No.: 23447-09518

23447/09518/SF/5134094

PATENT
 REEL: 016110 FRAME: 0592

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Orbital Data Corporation** a Delaware corporation, having a place of business at **1900 S. Norfolk St., Suite 320, San Mateo, CA 94403**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **PROTECTING DATA INTEGRITY IN AN ENHANCED NETWORK CONNECTION ("APPLICATION")**, which:

☒ is to be filed herewith

☐ was filed on _____,
now bearing U.S. application number _____; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

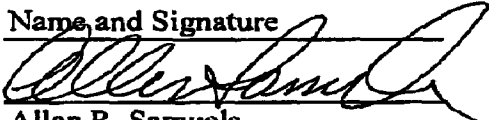
INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Document: ASSIGNMENT

Re:
Title: PROTECTING DATA INTEGRITY IN AN ENHANCED NETWORK CONNECTION
Filed: Herewith
Serial No.: Not yet known

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature



Allen R. Samuels

Date of Signature

12/19/04

State of _____
County of _____

On _____ before me, _____ personally appeared
Allen R. Samuels personally known to me or proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her
signature on the instrument the person, or the entity upon behalf of which the person acted, executed
the instrument.

Notary Seal

Notary

Name and Signature



Paul G. Sutter

Date of Signature

12/14/04

State of _____
County of _____

On _____ before me, _____ personally appeared
Paul G. Sutter personally known to me or proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to the within instrument and acknowledged to me
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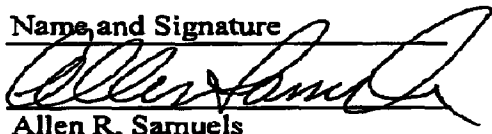
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Name and Signature



Allen R. Samuels

Date of Signature

12/9/04

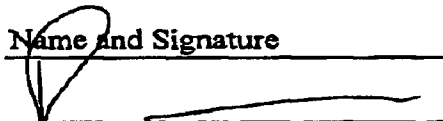
State of _____
County of _____

On _____ before me, _____ personally appeared
Allen R. Samuels personally known to me or proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument and
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her
signature on the instrument the person, or the entity upon behalf of which the person acted, executed
the instrument.

Notary Seal

Notary

Name and Signature



Paul G. Sutter

Date of Signature

12/14/04

State of _____
County of _____

On _____ before me, _____ personally appeared
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