

12-09-2002

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TO THE ASSISTANT COMMISSIONER FC

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documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1) Robert J. Van Wechel
- 2) Ivan L. Johnston

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

☐ Yes ☒ No

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

Name: L-3 Communications Corporation

Internal Address: same

Street Address: 604 East Vermont, P.O. Box 3117

City: Anaheim State: California ZIP: 92803-3117

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

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1) November 6, 2002 2) November 6, 2002

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

☐ Application(s) filed herewith Execution Date(s):☒ Patent Application No.: 10/256,060

Filing Date: September 26, 2002

☐ Patent No.:

Issue Date:

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael S. Okamoto
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Fourteenth Floor

Street Address: 2040 Main Street

City: Irvine State: CA ZIP: 92614

Attorney's Docket No.: INTER.089A

7. Total fee (37 CFR 1.21(h)): \$40

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Michael S. Okamoto
Name of Person Signing

Signature

Date

47,831
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

12/10/2002 TDIAZ1

00000002 10256060

01 FC:8021

40.00 OP

MSO-3844.DOC:afa
120402U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202PATENT
REEL: 13545 FRAME: 0646

ASSIGNMENT

WHEREAS, We, Robert J. Van Wechel, a United States citizen, residing at 5661 Sunmist Drive, Yorba Linda, California 92886, Ivan L. Johnston, a citizen of the United States, residing at 3182 Sagewood Lane, Corona, California 92882, have invented certain new and useful improvements in a AN EFFICIENT SPACE-TIME ADAPTIVE PROCESSING (STAP) FILTER FOR GLOBAL POSITIONING SYSTEM (GPS) RECEIVERS for which we have filed an application for Letters Patent in the United States, with Application No. 10/256,060, filed on September 26, 2002;

AND WHEREAS, L-3 Communications Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with a place of business at 604 East Vermont, P.O. Box 3117, Anaheim, California 92803-3117, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of November, 2002.

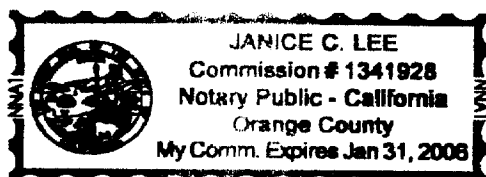
Robert J. Van Wechel
Robert J. Van Wechel

STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On NOV. 6, 2002, before me, JANICE C. LEE, personally appeared Robert J. Van Wechel 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

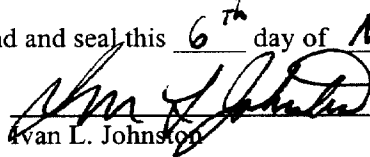
WITNESS my hand and official seal.

[SEAL]



Janice C. Lee
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of November, 2002.

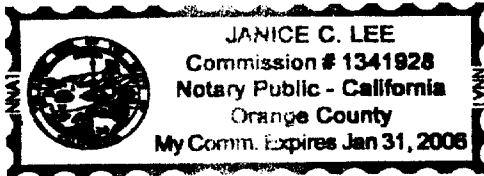

Ivan L. Johnston


STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On NOV. 6, 2002 before me, JANICE C. LEE, personally appeared Ivan L. Johnston 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Notary Signature