

12-02-2002

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To the Honorable Commissioner,
documents or copy thereof.

102297274

record the attached original

2002 NOV 21 AM 11:03

1. Name of conveying party(ies):

DLB LIMITED
1311 WENIG RD NE
CEDAR RAPIDS, IA 52402

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

FINANCE SECTION

Name: LIGHTWAVES SYSTEMS, INC.

Internal Address:

Street Address: 1311 WENIG RD NE

City: CEDAR RAPIDS State: IA Zip: 52402

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

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

3. Nature of conveyance:

11-21-02

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

Execution Date:

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:

A. Patent Application No.(s)

B. Patent No.(s)

09/686,181

Additional numbers attached? ☐ Yes ☒ No

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

Allan L. Harms
2750 First Avenue N.E., Suite 420
Cedar Rapids, IA 52402

6. Total number of applications and
patents involved:

1

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

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit Account Number: 08-0725

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

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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

Allan L. Harms
Name of Person Signing

Signature

Date

11/15/02

Total number of pages comprising cover sheet: 1

11/29/2002 LMUELLER 00000093 09686181

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PATENT
REEL: 013526 FRAME: 0816

ASSIGNMENT

Serial No.: 09/686,181
Filed: October 11, 2000
Title: Integrated Positioning System and Method
Date of Execution:
Name of Inventor: Snyder et al.

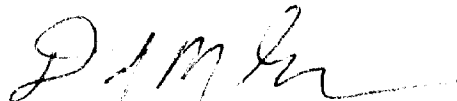
For \$1.00 and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby assigns to Lightwaves Systems, Inc., an Iowa Corporation, of Cedar Rapids, Iowa, its successors and assigns, the entire right, title, and interest in the invention of the undersigned disclosed in the regular patent application Serial Number 09/686,181, an application for United States patent as described above, and in any other applications, whether filed in the United States or another country, which the undersigned may file, either alone or with others, on the invention, and in any and all patents or inventor's certificates issued by the United States or another government which may be issued on any application regarding such invention, and in any re-issues or extensions of such patents or inventor's certificates.

We further authorize and request the Commissioner of Patents of the United States to issue such patent or patents to the assignee, Lightwaves Systems, Inc.

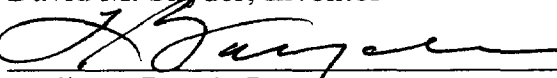
Each of the undersigned hereby agrees, upon the request of the assignee, or its successors and assigns, to execute any regular, divisional, continuation, continuation-in-part, or substitute applications for the invention, and any necessary oath or affidavit relating to such applications, and any application for the re-issue or extension of any patent or inventor's certificate that may be granted upon the application, and to cooperate with the assignee to the best of my ability in the prosecution of the application for patent set forth above, including all actions which may arise from such prosecution.

We understand that the execution of this Assignment will serve to transfer all of my rights under any patents or inventor's certificates which may issue as a result of the above described application, for the entire term of such patents.

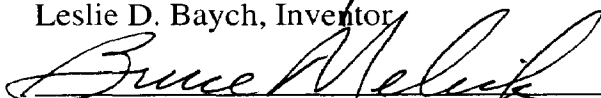
Dated: 11-01-2002



David M. Snyder, Inventor



Leslie D. Baych, Inventor



Bruce D. Melick, Inventor