

RSHEET

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Additional name(s) of conveying party(ses) attached? □ Yes ☑ No 3. Nature of conveyance: □ Assignment □ Change of Name □ Other □ Cotober 15, 2002 ■ Additional name(s) & address(es) attached? □ Yes ☑ No 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) □ B. Patent No.(s) □ Cotober 15, 2002 ■ Additional name(s) & address(es) attached? □ Yes ☑ No 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: □ B. Patent No.(s) □ B. Patent No.(s) □ Cotoler 17, 2000 □ Cotoler 18, 201, 497 Additional numbers attached? □ Yes ☑ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: □ R. Scott Johnson □ Total fee (37 CFR 3.41)	1. Name of conveying party(ies):	Name and address of receiving party(ies)
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□ Security Agreement □ Change of Name □ Other □ City: Cedar Rapids State: Iowa Zip: 52403 Additional name(s) & address(es) attached? □ Yes Ø No 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) 6.201,497 Additional numbers attached? □ Yes Ø No 6. Total number of applications and patents involved: Name: R. Scott Johnson Internal Address:	3. Nature of conveyance:	
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Street Address: 801 Grand, Suite 3200 8. Deposit account number: City: Des Moines State: IA Zip: 50309-2721 (Attach duplicate copy of this page if paying by deposit account) /2002/DBTRNE 0000018 6201497 Do Not USE THIS SPACE 1.002 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 the original document. R. Scott Johnson Name of Person Signing	Internal Address:	
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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT OF UNITED STATES LETTERS PATENT

WHEREAS, CENTAURI SYSTEMS, LLC (hereinafter ASSIGNOR), a corporation of the State of Iowa, with an address of 1131 Wenig Road N.E., Cedar Rapids, Iowa 52402, is the owner by assignment recorded on May 7, 2002 at Reel 012875, Frame 0730, of United States Letters Patent 6,201,497 issued March 13, 2001, entitled ENHANCED GLOBAL NAVIGATION SATELLITE SYSTEM; and

WHEREAS, LIGHTWAVES SYSTEMS, INC. (hereinafter ASSIGNEE), a corporation of Iowa having an address of 1131 Wenig Road N.E., Cedar Rapids, Iowa 52402 is desirous of acquiring all right, title and interest in said patent as an ASSIGNEE from the above-identified ASSIGNOR;

NOW THEREFORE, the parties agree to the following:

In consideration of the payment by ASSIGNEE to the ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for good and other valuable consideration as well, ASSIGNOR hereby assigns to ASSIGNEE and its successors, assigns and legal representatives the entire right, title and interest in and to said United States Letters Patent 6,201,497, issued on March 13, 2001, the same to be enjoyed by the ASSIGNEE for the remaining life of said patent as though the ASSIGNEE stands completely in the position earlier enjoyed by ASSIGNOR.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and

PATENT REEL: 013429 FRAME: 0131 deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said Letters Patent.

CENTAURI SYSTEMS, LLC

Bruce D. Melick, Registered Agent

STATE OF IOWA) ss COUNTY OF LINN)

On this 15 day of (Colobe 1), 2002, before me, a Notary Public in and for the County and State aforesaid, appeared Bruce D. Melick, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

KRISTIN A. CARSTENSEN
Commission No. 714521
My Commission Exp. 1/17/05

Kustin Cauteur

Commission Expires _____