

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Kenneth McGreer | 03/16/2007 |
| Anthony J. Ticknor | 03/16/2007 |
| Hao Xu | 03/16/2007 |
| RECEIVING PARTY DATA | |
| Name: | LIGHTWAVE MICROSYSTEMS CORPORATION |
| Street Address: | 2911 Zanker Road |
| City: | San Jose |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12547893 |
| CORRESPONDENCE DATA | |
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| Email: | mfolger@thepatentattorneys.com |
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| Address Line 1: | 127 Public Square |
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| ATTORNEY DOCKET NUMBER: | LMP127USB |
| NAME OF SUBMITTER: | Gregory Turocy |
| Total Attachments: 2 source=Assn127A#page1.tif | |

OP \$40.00 12547893

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**PATENT
 REEL: 023149 FRAME: 0864**

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Ken McGreer
843 Gregory Court
Fremont, CA 94539

Anthony J. Ticknor
10952 Barranca Drive
Cupertino, CA 95014

Hao Xu
1429 Main Entrance Drive
San Jose, CA 95131

hereby sell and assign to Lightwave Microsystems Corporation, located at 2911 Zanker Road, San Jose, CA 95134, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

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for which application for United States Letters Patent has been filed on February 23, 2007 under Serial No. 11/678,485 or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing

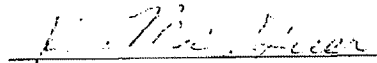
the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Amin, Turocy & Calvin, LLP, 24th Floor National City Center, 1900 East 9th Street, Cleveland, Ohio 44114.

Signed:

Date:



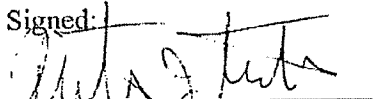
3/16/2007

Ken McGreer

Ken McGreer

Signed:

Date:

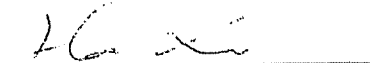


3/16/07

Anthony J. Ticknor

Signed:

Date:



3/16/07

Hao Xu