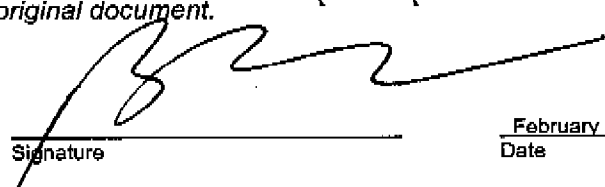


Substitute Form PTO-1595
 Attorney Docket No.: 12596-011001
 Client's Ref. No.: OE 046

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1. Name of conveying party(ies): VLADIMIR ILCHENKO and LUTFOLLAH MALEKI Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): OEwaves, Inc. 1010 East Union St. Pasadena, CA 91106 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 1/24/2005	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/963,755 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: Bing Ai Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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PATENT
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CH \$40.00 061050 10963755

Attorney Docket No.: 12596-011001

ASSIGNMENT

For valuable consideration, we, Vladimir Ilchenko, of Arcadia, California; and Lutfollah Maleki, of Pasadena, California; hereby assign to OEWAVES, INC., having a place of business at 1010 East Union St., Pasadena, CA 91106, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled TUNABLE BALANCED OPTO-ELECTRONIC FILTERS AND APPLICATIONS IN OPTO-ELECTRONIC OSCILLATORS, filed October 12, 2004, and assigned U.S. Serial Number 10/963,755; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 01/24/05


VLADIMIR ILCHENKO

DATE: 01/24/05


LUTFOLLAH MALEKI

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Attorney's Docket No.: 12596-011001
Client's Ref. No.: OE 046

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Number of pages including this page 3

Applicant : Vladimir Ilchenko et al. Art Unit : 2633
Serial No. : 10/963,755
Filed : October 12, 2004

FACSIMILE COMMUNICATION

Title : Tunable Balanced Opto-Electronic Filters and Applications in Opto-Electronic Oscillators

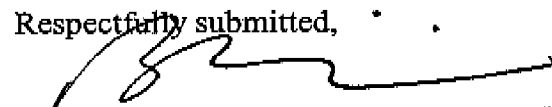
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Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment, faxed this 4th day of February 2005, to Mail Stop Assignment Recordation Services, U.S. Patent and Trademark Office.

Date: February 4, 2005

Respectfully submitted, . . .


Bing Ai
Reg. No. 43,312

PTO Customer No. 20985
Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
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