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Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

12-7-06

1. Name of conveying party(ies): Oleg M. Efimov Additional name(s) of conveying party(ies) attached: NO	2. Name and address of receiving party(ies): Name: HRL Laboratories, LLC Street Address: 3011 Malibu Canyon Road, Malibu, California 90265		
3. Name 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: December 4, 2006 Additional name(s) & address(es) attached? 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: December 4, 2006 <table border="0" style="width:100%"> <tr> <td style="width:50%">A. Patent Application No.(s)</td> <td style="width:50%">B. Patent No.(s)</td> </tr> </table> Additional numbers attached? NO		A. Patent Application No.(s)	B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(s)		
5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: Fariba Sirjani	6. Total number of applications and patents involved 1 7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40 8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.		
10. <input type="checkbox"/> Explanatory letter is enclosed.			
9. Signature: Date: December 7, 2006 By <u>Fariba Sirjani</u> Name: Fariba Sirjani 626/795-9900			
Express Mail No. EV 827401260US 12/13/2006 DBYRME 0000097 11636285 01 FC:0021 (40.00 OP)			
Total number of pages including cover sheet, attachments, and document: 2			

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ASSIGNMENT

WHEREAS, I, OLEG M. EFIMOV, residing at 717 Shadow Lake Drive, Thousand Oaks, California 91360, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SYSTEM AND METHOD FOR RECORDING REFLECTION BRAGG GRATINGS**, and executed by me on even date herewith;

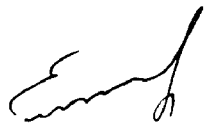
AND WHEREAS HRL LABORATORIES, LLC, a Delaware Limited Liability Company, having a place of business at 3011 Malibu Canyon Road, Malibu, California 90265 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and 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, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

Date: 12/04/06


Oleg M. Efimov

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