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102810267 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 8 1. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Name: U.S.A. as represented by the Secretary of the Navy Wilson K.S. Chiu King Hong Kwok Internal Address: Office of Naval Research Code ONR 01CC Execution Date(s) August 3, 2004 Street Address: 800 North Quincy Street Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: ✓ Assignment Merger City: Arlington Security Agreement Change of Name State: Virginia Government Interest Assignment Country: U.S.A. Zip: 22217 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? 🔲 Yes 🛂 No This document is being filed together with a new application. 4. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) 101910581 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Charles H. Harris 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: Office of Naval Research Authorized to be charged by credit card Code ONR 01CC ✓ Authorized to be charged to deposit account **Enclosed** Street Address: 800 North Quincy Street None required (government interest not affecting title) 8. Payment Information City: Arlington a. Credit Card Last 4 Numbers State: Virginia Zip: 22217 Expiration Date _ Phone Number: 703-696-4017 b. Deposit Account Number 04-0814 Fax Number: 703-696-6909 Authorized User Name Charles H. Harris Email Address: charles_harris@onr.navy.mi 9. Signature: August 4, 2004 Charles H. Harris Total number of pages including cover sheet, attachments, and documents: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Nevy Case No. 84762

Assignment

WHEREAS, We, Wilson K.S. Chiu and King Hong Kwok, of Manchester, Connecticut and Willimantic, Connecticut, while working under a funding agreement, ONR Grant No. N00014-01-1-0691, with the Government of the United States, have invented certain new and useful improvements in A METHOD AND APPARATUS FOR OPEN-AIR COATING BY LASER-INDUCED CHEMICAL VAPOR DEPOSITION identified as Navy Case No. 84762 and described in U.S. Provisional Patent Application Serial No. 60/491,960 that was filed on 4 August 2003, U.S. Provisional Patent Application Serial No. 60/494,565 that was filed on 13 August 2003, and U.S. Nonprovisional Patent Application Serial No. (To be assigned) filed herewith; and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications for which a decision to file in foreign countries is made within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I/We have set my hand and affixed my seal.

Date: 3 Aug 2004 Dec Seal Wilson K.S. Chau Seal

Date: 8/3/2004 Kraska on Kuok Seal

PATENT REEL: 015650 FRAME: 0200

RECORDED: 08/04/2004