

A S S I G N M E N T

WHEREAS, I, JAMES S. IM, a citizen of the United States having address at 2828 Broadway No. 9E, New York, New York, 10025 have made an invention as set forth and described in United States patent application serial number 10/432,485, filed May 21, 2003, entitled "PROCESS AND MASK PROJECTION SYSTEM FOR LASER CRYSTALIZATION PROCESSING OF SEMICONDUCTOR FILM REGIONS ON A SUBSTRATE" and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), having its principal place of business at 116th Street and Broadway, New York, New York 10027, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said provisional application and any non-provisional application for Letters Patent claiming priority therefrom, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, JAMES S. IM, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said COLUMBIA, and other valuable considerations unto us moving from said COLUMBIA, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said COLUMBIA, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described United States provisional patent application serial number 10/432,485, filed May 21, 2003, and entitled "PROCESS AND MASK PROJECTION SYSTEM FOR LASER CRYSTALIZATION PROCESSING OF SEMICONDUCTOR FILM REGIONS ON A SUBSTRATE," and in and to any and all improvements thereon, and in and to said provisional application and any non-provisional applications for Letters Patent claiming priority therefrom, and in and to any and all divisions, continuations or continuations-in-part thereof, and in and to any and all Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND I, JAMES S. IM do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said COLUMBIA, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COLUMBIA, its successors and assigns;

AND I, JAMES S. IM, for the considerations aforesaid, do hereby covenant and agree to and with said COLUMBIA, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and

all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said COLUMBIA, its successors and assigns, may be required or necessary more effectively to secure to and vest in said COLUMBIA, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, JAMES S. IM, have hereunto set our hands and seals on the date below written.



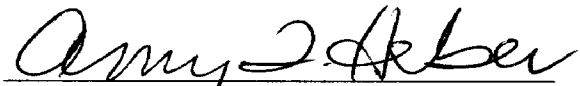
JAMES S. IM

STATE OF NY)

: ss.:

COUNTY OF NY)

BE IT KNOWN, that on this 2nd day of October, 2003, before me personally came James S. Im, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Notary Public

AMY L. HABER
NOTARY PUBLIC, State of New York
No. 01HA5063858
Qualified in Queens County
Commission Expires July 29, 2006