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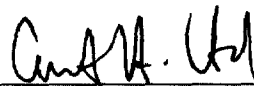
Yes No

Statement and Signature

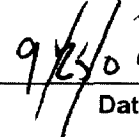
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Curtis A. Vock, Esq. Reg. No. 38,356

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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

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Method of Payment:

Enclosed

Deposit Account

Deposit Account

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Dan Cleveland, Jr., Reg. No. 36,106

Name of Person Signing



Signature

6/22/01

Date

Patent
Attorney Docket No. 390482
Express Mail Label No. EL820325161US

ASSIGNMENT

WHEREAS, Donald W. Berrian, having an address of 17 Pheasant Lane, Topsfield Massachusetts 01983, a citizen of the United States of America (the "Inventor"), has invented a certain useful invention entitled:

ION IMPLANTATION UNIFORMITY CORRECTION

USING BEAM CURRENT CONTROL

described in an application about to be filed for U.S. Letters Patent on said invention, and described in U.S. Provisional Patent Serial No. 60/213,305, entitled, "System and Methods for Uniformity Correction in an Ion Implanter", filed June 22, 2000 (the "Applications"); and

WHEREAS, Proteros, LLC, a limited liability company, duly organized under the laws of the Commonwealth of Massachusetts, and having its principal place of business at 42B Cherry Hill Drive, Danvers, MA 01923 ("Proteros, LLC") is desirous of acquiring the entire interest in and to said invention and in and to the Letters Patent to be obtained therefor.

NOW THEREFOR, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, Donald W. Berrian has sold, assigned and transferred, and by these presents does sell, assign and transfer, unto Proteros, LLC the full and exclusive right, title and interest, throughout the world, in, to and under the following:


Patent
Attorney Docket No. 390482
Express Mail Label No. EL820325161US

- (a) the invention as fully set forth and described in the specification prepared, and executed by him preparatory to obtaining Letters Patent of the United States therefor;
- (b) the Applications;
- (c) any and all refilings, divisions, continuations and continuations-in-part of Applications;
- (d) any and all Letters Patent of the United States of America which may issue from Applications, refilings, divisions, continuations and continuations-in-part;
- (e) Any and all reissues and reexaminations of Letters Patent of the United States of America based on the Applications;
- (f) any and all Applications for Letters Patent upon the invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of foreign-filed Applications;
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from foreign-filed applications, refilings, divisions and continuations on the invention or Applications;
- (i) any and all extensions of, and additions to, Letters Patent of the invention or Applications in countries foreign to the United States of America.

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All of the above shall be held and enjoyed by Proteros, LLC, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which Letters Patent may be granted, and Proteros, LLC does hereby authorize and request the Commissioner of Patents and Trademarks to issue Letters Patent in accordance with this Assignment.

Dated this 22 day of June, 2001.


~~Donald W. Berrian, Inventor~~