| U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office |
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| |
| Please record the attached original documents or copy thereof. |
| 2. Name and address of receiving party(ies) Name: Southern Ionics Incorporated Internal Address: |
| 6 1 3 |
| Street Address: 201 Commerce Street |
| City: West Point State: Mississippi Zip:39773 Additional name(s) & address(es) attached? Yes X No |
| |
| B. Patent No.(s) ttached? Yes X No |
| 6. Total number of applications and patents involved: |
| 7. Total fee (37 CFR 3.41) \$ 40.00 |
| X Enclosed-Credit Card Payment Form |
| X Authorized to be charged to deposit account |
| 8. Deposit account number: 50-0925 |
| (Attach duplicate copy of this page if paying by deposit account) |
| E THIS SPACE |
| formation is frue and correct and any attached copy June 7, 2002 Signature Date , attachments, and documents: 3 |
| |

01 FC:581

PATENT REEL: 012982 FRAME: 0529

ASSIGNMENT

WHEREAS We, the below named inventor. [hereinafter referred to as Assignors], have made an invention entitled:

CARTRIDGES USEFUL IN CLEANING DIALYSIS SOLUTIONS

for which We filed an application for United States Letters patent on November 28, 2001, as Application No. 09/996,505 and

WHEREAS, Southern Ionics Incorporated (Full Name of Assignee), a corporation of Mississippi, (State or Country of Incorporation) whose post office address is 201 Commerce Street, West Point, Mississippi 39773 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

SS.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of

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Subscribed and sworn to before me this \mathscr{A}

Imil 2002

aria Sunde Notary Public

SEAL

PATENT REEL: 012982 FRAME: 0530 FULL NAME OF FIRST INVENTOR: Raymond J. Wong

Address: 701 Ash Lane

Norman, Oklahoma 73072

Signature: August of long

Date: 4/24/02

PATENT
RECORDED: 06/07/2002 REEL: 012982 FRAME: 0531