

FORM PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/05)

CORRECTIVE RECORDATION FORM COVER SHEET-PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

1. Name of conveying parties:

WILLIAM F. HEINS

Additional name(s) & party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: IONICS, INCORPORATED

Internal Address:

Street Address: 65 Grove Street

City: Watertown State: MA Zip: 02172

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other To correct the Assignee's state previously recorded.

Execution Date: Assignment signed: 05/14/03

4. Application number(s) or patent number(s): 10/307,250 filed November 30, 2002

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/307,250 filed November 30, 2002

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: R. Reams Goodloe, Jr.

Internal Address:

Street Address: 24722 - 104th Avenue, S.E., Suite 102

City: KENT State WA Zip: 98030

Matter No.: RCU-5751-U-CIP

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

07-1613

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

R. Reams Goodloe, Jr. Reg. #32,466

Name of Person Signing

R. Reams Goodloe, Jr.

Signature

December 9, 2003

Date

Total number of pages including cover sheet, attachments, and document: 9

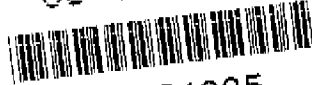
PATENT

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FORM PTO-1585 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/05)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commission

original documents or copy thereof.

1. Name of conveying parties:

WILLIAM F. HEINS

Additional name(s) & party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: IONICS, INCORPORATED

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B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: R. Reams Goodloe, Jr.

Internal Address:

Street Address: 10725 - SE 256th Street, Suite 3

City: KENT State WA Zip: 98030

Matter No.: RCG-3751-C-011

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)\$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

R. Reams Goodloe, Jr. Reg. #32,466

Name of Person Signing

Signature

Signature

June 10, 2003

Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

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COPY

ASSIGNMENT OF INVENTION
Attorney Docket No.: RC0-5751-U-CIP

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or
entit(ies) who own the invention

WILLIAM F. HEINS
type or print name of ASSIGNOR

13105 - 180th Avenue, N.E.
Address

Redmond, Washington 98052

U.S.
Nationality

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following):

Recorded on _____ Reel _____
Frame: _____

Hereby sells, assigns and transfers to

ASSIGNEE:

IONICS, INCORPORATED
type or print name of ASSIGNEE

65 Grove Street
Address

Watertown, MA 02172

a Massachusetts Corporation
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (____%) interest for the United States and its territorial possessions

COPY

ASSIGNMENT OF INVENTION
Attorney Docket No.: RC0-5751-U-CIP

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

WATER TREATMENT METHOD FOR HEAVY OIL PRODUCTION

Name of Inventor(s) WILLIAM F. HEINS

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) U.S. patent application executed on even date herewith;
- (b) U.S. patent application executed on _____
- (c) U.S. Provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.: _____
mailed _____
- To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) U.S. (CIP) application No.: 10/307,250 filed November 30, 2002.
- (e) International application no. PCT/US _____
- (f) U.S. patent No.: _____ issued
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

COPY

ASSIGNMENT OF INVENTION
Attorney Docket No.: RC0-5751-U-CIP

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary to desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set our hand(s) and seal(s) on the date shown below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: <u>May 14, 2003</u>	<u>Will F. [Signature]</u> Signature of ASSIGNOR(s)
Date:	_____ Signature of ASSIGNOR(s)

(if ASSIGNOR is a legal entity, complete the following information)

	_____ (type or print the name of the above person authorized to sign on behalf of ASSIGNOR) _____ Title
--	--

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page added.

COPY

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

Before me this 3rd day of June, 2003, personally appeared **WILLIAM F. HEINS** to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Dated: June 3, 2003.

(Seal or Stamp)

[Handwritten Signature]
Notary Signature

S Janet Rae Malgouin
Print Name

Notary Public in and for the State of Washington,
residing at KING County.
My appointment expires September 10, 2005

ACKNOWLEDGED AND ACCEPTED:

IONICS, INCORPORATED
(A Massachusetts Corporation)

By: _____

Its: _____

Date: _____

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that _____ is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the _____ of **IONICS, INCORPORATED**, to be the free and voluntary act of such party, for the uses and purposes mentioned in the instrument.

Dated: _____, 2003.

(Seal or Stamp)

Notary Signature

Print Name

Notary Public in and for the State of Washington,
residing at _____
My appointment expires _____

COPY