

S.17.04



102747741

1. Name of conveying party(ies):

John J. MUNRO, III; Matthew R. HOLLOWS

Additional name(s) of conveying party(ies) attached? Yes ___ No **X**

of receiving party(ies)

Name: Implant Sciences Corporation

Internal Address: _____

3. Nature of conveyance:

- Assignment () Merger
- () Security Agreement () Change of Name
- () Other:

Execution Date: March 19, 2004

Street Address: 107 Audubon Road, #5

Wakefield, Massachusetts 01880

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)
10/770,346

B. Patent No.(s)

Additional numbers attached? Yes ___ No **X**

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

Name: Patent Group
 Internal Address: Choate, Hall & Stewart
 Street Address: Exchange Place, 53 State Street
 City: Boston State: MA ZIP: 02109-2804

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$40.00
 Enclosed
 ___ Authorized to be charged to deposit account

8. Deposit account number:

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Donald W. Muirhead; 33,978
Name of Person Signing

Signature

May 13, 2004
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required covered sheet information to:
Director of the U.S. Patent & Trademark Office, Mail Stop Assignment Recordation Services
P.O. Box 1450, Alexandria, VA 22313-1450

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MAY 17 AM 8:43
FINANCE SECTION

05/18/2004 MGETACHE 00000062 10770346

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ASSIGNMENT

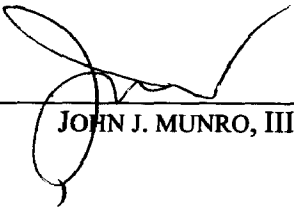
WHEREAS, John J. Munro, III of North Andover, Massachusetts and Matthew R. Hollows of Westminster, Massachusetts have developed certain inventions described in U.S. patent application titled **X-RAY AND GAMMA RAY EMITTING TEMPORARY HIGH DOSE RATE BRACHYTHERAPY SOURCE**, filed on February 2, 2004 as United States Application Number 10/770,346, and have full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Implant Sciences Corporation ("ASSIGNEE"), a corporation having executive offices at 107 Audubon Road, #5, Wakefield, Massachusetts 01880, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned does hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in the U.S. or any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any U.S. or international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

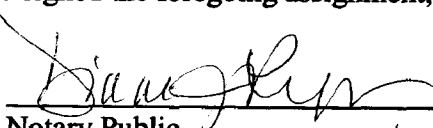
The undersigned further agrees, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned has hereunto set their hands and seals on the date after their signatures.

19 Mar 04
Date


JOHN J. MUNRO, III
Commonwealth of Massachusetts
County of Middlesex
)
)

On this 19th day of March, 2004 before me personally appeared JOHN J. MUNRO III, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



Notary Public
My commission expires 9/20/07

(X) Additional inventors are being named on separately numbered sheets attached hereto.

ASSIGNMENT
(continued)

19 MARCH 04

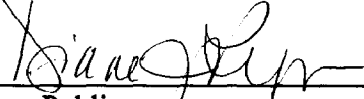


Date

MATTHEW R. HOLLOWS

Commonwealth of Massachusetts)
County of Middlesex)

On this 19th day of March, 2004 before me personally appeared MATTHEW R. HOLLOWS, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



Notary Public

My commission expires 9/20/07