

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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James B. MURDOCH	02/24/2010
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12713548
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ATTORNEY DOCKET NUMBER:	LSN-4852-22

OP \$40.00 12713548

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PATENT
REEL: 023997 FRAME: 0345

NAME OF SUBMITTER:	Larry S. Nixon
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

(Inventors). ANDREW J. WHEATON residing at 3284 Chalfont Road, Shaker Heights, Ohio 44120
JAMES B. MURDOCH residing at 5153 Lansdowne Drive, Solon, Ohio 44139

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer and set over to:

(Assignees) **KABUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION**
(Addresses) of 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN 105-8001, and 1385, SHIMO-ISHIGAMI, OTAWARA-SHI, TOCHIGI-KEN, JAPAN 324-8550, respectively
(hereinafter designated as the Assignees) the undersigneds' entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other in the invention, and all application(s) for patent and any Letters Patent which may
Countries) be granted therefor, known as
(Title) **B1-ROBUST AND T1-ROBUST SPECIES SUPPRESSION IN MRI** (Case No. LSN-4852-22)

for which the undersigned have executed on even date herewith an application for patent in the United States of America or, if not on even date, then have executed on 2010, or has already filed in U.S. Serial No. 12/ filed on February 2010.

We hereby authorize and request ASSIGNEES' attorneys, **Nixon & Vanderhye P.C.**, of 901 North Glebe Road, 11th Floor, Arlington, Virginia 22203-1808, to insert hereinabove the serial number of said application when known.

The undersigned acknowledge an obligation of assignment of this invention to said Assignees at the time the invention was made.

The undersigned agree to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignees.

The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

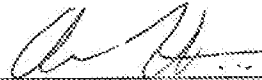
The undersigned hereby grant the firm of **NIXON & VANDERHYE P.C.** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document. It is understood and agreed that ASSIGNEES'

attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEES and will continue to represent only ASSIGNEES with respect to this invention.

In witness whereof, executed by the undersigned on the dates opposite the undersigned signatures.

Date 02-24-2010

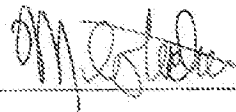
Signature of inventor


ANDREW J. WHEATONDate 02/24/2010

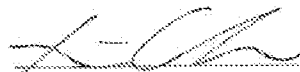
Signature of inventor


JAMES B. MURDOCH

Witnessed by:

Name: 

Date:

2/24/10Name: 

Date:

2/24/10