

07-19-2001

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- Resubmission (Non-Recordation)
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Month Day Year

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Pages Enter the total number of pages of the attached conveyance document including any attachments #

Application Number(s) or Patent Number(s) Mark if additional numbers attached.
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/774,278"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$


Method of Payment: Enclosed Deposit Account

Deposit Account
Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Donald R. Holland 
Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, We, Gregory M. Lanza, and Samuel A. Wickline, have invented certain new and useful improvements for a ENHANCED ULTRASOUND DETECTION WITH TEMPERATURE-DEPENDENT CONTRAST AGENTS (hereinafter referred to as "Invention") for which an application for Letters Patent in the United States of America was filed on January 30, 2001, and assigned Serial No. 09/774,278; and

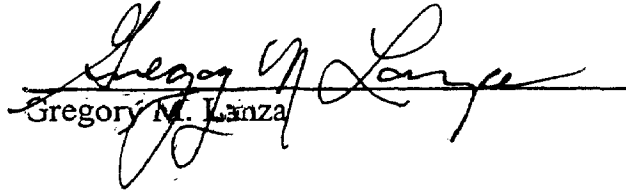
WHEREAS, we desire to assign all right, title and interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to Barnes-Jewish Hospital, an organization of the State of Missouri, having its principal office and place of business at Barnes Jewish Hospital Plaza, St. Louis, Missouri 63110 (hereinafter referred to as "Assignee"); and

WHEREAS, Assignee, is desirous of acquiring the entire right, title and interest in and to said Invention and improvements as disclosed in said application, in and to said application, and in and to any Letters Patent which may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Gregory M. Lanza and Samuel A. Wickline, have sold, assigned and transferred, and do hereby sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest in and to said Invention and improvements as the same are disclosed in said application, in and to said application, and in and to any Letters Patent, including any divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions to be obtained thereof, in the United States, and countries foreign thereto, which may be granted for said Invention; and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto; and we further agree to cooperate with the Assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the Assignee may desire to apply for, but at the expense of said Assignee.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as Assignee of the whole right, title and interest thereto; and we further agree to execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-

in-part of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee, or its designees may require and prepare at its own expense; and execute all necessary and lawful future documents including assignments in favor of Assignee, or its designees, as Assignee or its designees may present to us in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto.

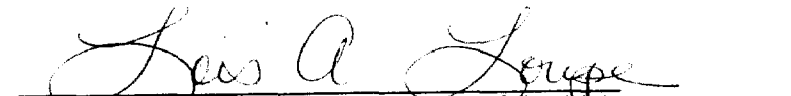

Gregory M. Lanza

STATE OF :

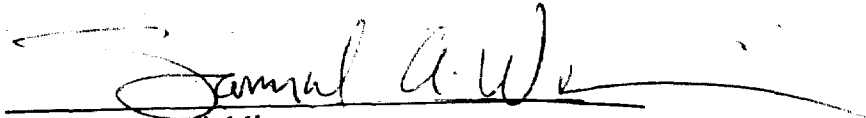
COUNTY OF :

On this 20th day of June, 2001 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared Gregory M. Lanza, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.


Notary Public
LOIS A LOUPE
NOTARY PUBLIC STATE OF MISSOURI
ST. LOUIS COUNTY
MY COMMISSION EXP. JAN. 23, 2005

My Commission Expires: January 23, 2005

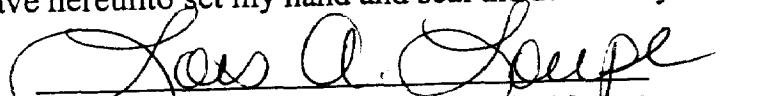

Samuel A. Wickline

STATE OF :

COUNTY OF :

On this 26th day of June, 2001 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared Samuel A. Wickline, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.


Notary Public
LOIS A LOUPE
NOTARY PUBLIC STATE OF MISSOURI
ST. LOUIS COUNTY
MY COMMISSION EXP. JAN. 23, 2005

My Commission Expires: January 23, 2005