## PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:			EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
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REGENTS OF THE UNIVERSITY OF MIN			NESOTA	01/29/2013			
RECEIVING PARTY DATA							
	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government						
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PROPERTY NUMBERS Total: 1 Property Type Number							
Application Number: 13		13702	3702813				
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U/M Case #20100235 EIR #1450401-10-0027

## License to the United States Government

Sigri and submit the executed document to the appropriate funding agency (e.g. upload in iEdison),						
Invention Title: Dual-mode Ultrasound Transducer (DMUT) Systems for Monitoring and Control of						
Lesion Formation Dynamics						
Inventor(s): Emad S. Ebbini, Andrew J. Casper, Dalong Liu, John R. Ballard						
U.S. Filing/Issue Date: December 7, 2012						
Patent or Application Serial No.: 13/702,813						
Grant/Contract Number(s): EB008191						
Foreign Applications filed/intended in (countries):						

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this A 94th	day of	Sanvary	
By Margaret Armstrong	Hamm		(Signature)
(Institutional Business	(official)	li li	(Signature)
Tille Contracts Manager	, Office for	r Technology	Commercialization
REGENTS OF THE			

For UNIVERSITY OF MINNESOTA

(Grantee/Contractor Organization)

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> PATENT REEL: 029731 FRAME: 0988

**RECORDED: 01/31/2013**