PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregg MILLER	08/05/2010

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha Toshiba	
Street Address:	1-1, Shibaura 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	105-8001	

Name:	Toshiba Medical Systems Corporation
Street Address:	1385, Shimoishigami
City:	Otawara-shi, Tochigi-ken
State/Country:	JAPAN
Postal Code:	324-8550

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12794486

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000

Email: vbojanic@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 348855US2TTCX

PATENT REEL: 024819 FRAME: 0988 P \$40,00 12794486

501258770

NAME OF SUBMITTER:	Vesna Bojanic
Total Attachments: 2 source=348855USAssignment#page1.tif source=348855USAssignment#page2.tif	

PATENT REEL: 024819 FRAME: 0989

Assignment of Application

WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation	WHEREAS, I (WE	Gregg MILLER of Box	ulder, COLORADO	, USA		
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation		N-2				
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation						
have invented certain new and useful improvements in: MEDICAL ULTRASOUND 2-D TRANSDUCER ARRAY ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation				· · · · · · · · · · · · · · · · · · ·		
ARCHITECTURE: SPOT OF ARAGO (Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation					,1	respectively,
(Application No. 12/794,486 , filed June 4, 2010), and WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation	have invented cer	ain new and useful impro	ovements in: MEDI	ICAL ULTRASOUNI	2-D TRANSDUCER	ARRAY
WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation	ARCHITECTUR	: SPOT OF ARAGO				
Rubushiki Rushik Teshiba tila Teshiba Medica Oʻstonis Oʻstonis Oʻstonis	(Application No.	12/794,486	, filed	June 4, 2010), and
	WHEREAS,	Kabushiki Kaisha Toshi	iba and Toshiba Me	dical Systems Corpor	ation	
(hereinafter referred to as "ASSIGNEES") having places of business at: 1-1, Shibaura 1-chome, Minato-ku Tokyo Japan, 105-8001 and 1385, Shimoishigami, Otawara-shi, Tochigi-ken, Japan, 324-8550, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Pater	Japan, 105-8001	ed to as "ASSIGNEES" and 1385, Shimoishigam	') having places of ni, Otawara-shi, Too	business at: 1-1, Shi	baura 1-chome, Minato -8550, respectively are	desirous of

AN CC OT

that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940. Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	8/5/2010	A-	
		(Signature of Inventor) Grogg MILLER	
Date		(Signature of inventor)	
Date:		_	
		(Signature of Invenior)	
Date:		(Signature of Inventor)	
Date:			
		(Signature of Laventor)	
Date:		(Signiture of Invertor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

RECORDED: 08/11/2010

PATENT REEL: 024819 FRAME: 0991