

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3294028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMAS MACKIE	03/03/2015
RECEIVING PARTY DATA	
Name:	Wisconsin Alumni Research Foundation
Street Address:	614 Walnut Street
City:	Madison
State/Country:	WISCONSIN
Postal Code:	53726
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	60891859
Application Number:	12305554
PCT Number:	US2008055090
CORRESPONDENCE DATA	
Fax Number:	(608)263-1064
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	608-263-7677
Email:	akruse@warf.org
Correspondent Name:	AMY KRUSE
Address Line 1:	614 WALNUT STREET
Address Line 2:	13TH FLOOR
Address Line 4:	MADISON, WISCONSIN 53726
ATTORNEY DOCKET NUMBER:	P07286US
NAME OF SUBMITTER:	AMY KRUSE
SIGNATURE:	/Amy Kruse/
DATE SIGNED:	04/02/2015
Total Attachments: 2	
source=P07286US - Assignment - 2015-03-13#page1.tif	
source=P07286US - Assignment - 2015-03-13#page3.tif	

ASSIGNMENT
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
-------------	----------------	---------------	-------------

SCANNING APERTURE ION BEAM MODULATOR			
PRV	UNITED STATES	60/891859	February 27, 2007

SCANNING APERTURE ION BEAM MODULATOR			
PAT	UNITED STATES	12/305554	February 27, 2008

SCANNING APERTURE ION BEAM MODULATOR			
PCT	W.I.P.O. (IS PCT)	PCT/US2008/055090	February 27, 2008

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P07286US
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07286US

App.#: 12/374778, Filed: February 27, 2008

Inventor: *Thomas (Rock) Mackie*

Date: *March 3/15*

Thomas (Rock) Mackie
7763 Solstice Ct
Verona, WI 53593-5864 USA

State of Wisconsin)
)ss.
County of Dane)

On this *3rd* day of *March*, 20*15* before me personally appeared Thomas (Rock) Mackie, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Jan M. Patrick
Notary Public

My Commission expires: *1/31/2016*