PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dirk Preikszas	07/29/2005

RECEIVING PARTY DATA

Name:	Carl Zeiss NTS GmbH
Street Address:	Carl-Zeiss-Strasse 56
City:	Oberkochen
State/Country:	GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13247319

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 (617) 542-5070

 Email:
 apsi@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Ka-Lo Yeh

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 23505-0005002

NAME OF SUBMITTER: Susan L. Brandt

Total Attachments: 1

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PATENT REEL: 027047 FRAME: 0104

Attorney's Docket No.: 23505-0005001 / Z10742-US

ASSIGNMENT Dives - Sur- Mer-St. 5

For valuable consideration, I, DIRK PREIKSZAS of Zeppelinweg 4, 73447 Oberkochen, Germany, hereby assign to: Carl Zeiss NTS GmbH, a corporation of Germany having a place of business at: Carl-Zeiss-Strasse 56, 73447 Oberkochen, Germany; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled CHARGED PARTICLE BEAM COLUMN AND METHOD OF OPERATING SAME, filed 6/26/2009, and assigned U.S. Serial Number 12/492,783, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: July, 2961 2005

Witnessed by:

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PATENT REEL: 027047 FRAME: 0105

RECORDED: 10/12/2011