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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hans-Juergen Mann	02/22/2012

RECEIVING PARTY DATA

Name:	Carl Zeiss SMT GmbH
Street Address:	Rudolf-Eber-Strasse 2
City:	Oberkochen
State/Country:	GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13358026

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 6175425070

 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: Sean P. Daley

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	21070-0081001
NAME OF SUBMITTER:	Alissa Tizzano

Total Attachments: 1

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PATENT REEL: 027751 FRAME: 0615 T 675 00 075 T

Attorney's Docket No.: 21070-0081001 / P101661US

ASSIGNMENT

For valuable consideration, I, HANS-JUERGEN MANN of Katzenbachstrasse 49, 73447 Oberkochen, Germany, hereby assign to: Carl Zeiss SMT GmbH, a corporation of Germany having a place of business at: Rudolf-Eber-Strasse 2, 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 MAGNIFYING IMAGING OPTICAL UNIT AND METROLOGY SYSTEM INCLUDING SAME, filed 1/25/2012, and assigned U.S. Serial Number 13/358,026, 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: February 22nd, 2012	HANS-JUERGEN MANN
Witnessed by:	
Name: Anishiua Grafe-	Date: 766/6014 22, 2012
Name:	Date:

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RECORDED: 02/23/2012

PATENT REEL: 027751 FRAME: 0616