501929299 05/22/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hays AG	04/19/2012

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:	13313641

CORRESPONDENCE DATA

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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

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	18233-0039001
NAME OF SUBMITTER:	Alissa Tizzano

Total Attachments: 2

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> PATENT REEL: 028252 FRAME: 0616

CH \$40.00 1334

Assignment

Whereas, I/We, Hays AG, having a place of business at , 68001 Mannheim, Germany, hereinafter called assignor, is/will become the assignee of record of the entire right, title and interest in an application for Letters Patent of the United States entitled

Reflective optical imaging system

and of the invention disclosed therein; and

Whereas, Carl Zeiss SMT GmbH, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged.

I/We, the above named assignor, hereby state as follows:

To the extent that my/our entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Sean Daley One Marina Park Drive Boston, Massachusetts 02210 USA to insert here in

PATENT REEL: 028252 FRAME: 0617

parentheses	(Application number 13/313641, filed 7	December 2011 and Confirmation
number) the application number and filing date of	said application when known
		194 Jallall
	Signature(6) / Jan Gau / On	Date
	Typed or printed name(s) Ve par hoss / Mingle	
	Title of person(s) signing Hays AG	
	Assignor name	
Witnessed by:	IN 4 EZ	APR, 1942, 2012
	Signature COST 4 CSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Date
Witnessed by:	, , , , , , , , , , , , , , , , , , ,	
	Signature	Date
	Typed or printed name	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 028252 FRAME: 0618

RECORDED: 05/22/2012