

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gerhard I. Meijer</td><td>08/06/2008</td></tr><tr><td>Thilo H.C. Stoferle</td><td>08/11/2008</td></tr></tbody></table>	Name	Execution Date	Gerhard I. Meijer	08/06/2008	Thilo H.C. Stoferle	08/11/2008	
Name	Execution Date						
Gerhard I. Meijer	08/06/2008						
Thilo H.C. Stoferle	08/11/2008						
RECEIVING PARTY DATA							
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Street Address:	New Orchard Road						
City:	Armonk						
State/Country:	NEW YORK						
Postal Code:	10504						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12189983</td></tr></tbody></table>	Property Type	Number	Application Number:	12189983			
Property Type	Number						
Application Number:	12189983						
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Total Attachments: 1 source=CH920080124US1_Assignment#page1.tif							

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PATENT  
REEL: 021373 FRAME: 0230

ASSIGNMENT

INVENTOR  
AND CITY

Whereas, we

(1) Gerhard I. Meijer

and (2) Thilo H. C. Stöferle

of Zurich,  
and Country of Switzerland,  
of Zurich,  
and Country of Switzerland,

have invented certain improvements in

NON-VOLATILE PROGRAMMABLE OPTICAL ELEMENT EMPLOYING F-CENTERS

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) 8/6/, 2008, (2) 8/11/, 2008.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

Gerhard I. Meijer

on 8/6/, 2008

Thilo H. C. Stöferle

on 8/11/, 2008