

## PATENT ASSIGNMENT COVER SHEET

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL SOGARD	10/19/2011
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<b>PROPERTY NUMBERS Total: 1</b>	
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<b>SIGNATURE:</b>	/Michael D. Jones/
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<b>Total Attachments: 2</b>	
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## ASSIGNMENT

WHEREAS, I, Michael Sogard, of Menlo Park, CA, have invented a certain invention, entitled APPARATUS AND METHODS FOR MEASURING THERMALLY INDUCED RETICLE DISTORTION, for which I am making application for Letters Patent of the United States, said application having been executed by me on the 19th day of October, 2011, and as described in the following patent applications:

U.S. Provisional Patent Application No. 61/405,592, filed on October 21, 2010, entitled  
“APPARATUS AND METHODS FOR MEASURING THERMALLY INDUCED  
RETICLE DISTORTION,”

U.S. Provisional Patent Application No. 61/443,630, filed on February 16, 2011, entitled  
“MEASURING THERMALLY INDUCED RETICLE DISTORTION USING  
COHERENT LIGHT,”

which applications are collectively referred to as “the patent applications.”

WHEREAS, Nikon Corporation, organized under the laws of Japan, having a place of business at 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8331 JAPAN, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, Michael Sogard hereby sell, assign and transfer to Nikon Corporation, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent applications and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof, to be held and enjoyed by Nikon Corporation, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that I have full right so to do, and agree that I will communicate to Nikon Corporation, or its successors and assigns, any facts known to me

respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Nikon Corporation, its successors and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

I confirm that at the time the invention was made, I was under an obligation to assign the invention to Nikon Corporation.

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at Belmont, State of California, this 19 day  
of October, 2011.

Michael Sogard  
Michael Sogard