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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroaki Tanaka	11/10/2011
Keiji Matsusaka	11/10/2011
Eigo Sano	11/15/2011

RECEIVING PARTY DATA

Name:	Konica Minolta Opto, Inc.	
Street Address:	2970 Ishikawa-machi, Hachioji-shi	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	192-8505	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13376297

CORRESPONDENCE DATA

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Mail.

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ATTORNEY DOCKET NUMBER: 5935-14PUS

NAME OF SUBMITTER: Thomas Langer

Total Attachments: 3

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> PATENT REEL: 027856 FRAME: 0600

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We I the undersigned, Hiroaki TANAKA, Keiji MATSUSAKA, and Eigo SANO (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to KONICA MINOLTA OPTO, INC. (hereinafter referred to as "ASSIGNEE"), a corporation of Japan having a place of business at 2970 Ishikawa-machi, Hachioji-shi, Tokyo 1928505 Japan, respectively, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and which is entitled

IMAGE-TAKING LENS SYSTEM, IMAGE-TAKING DEVICE PROVIDED WITH AN IMAGE-TAKING LENS SYSTEM, AND PORTABLE TERMINAL PROVIDED WITH AN IMAGE-TAKING DEVICE

and in and to said application and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional,

PATENT REEL: 027856 FRAME: 0601 continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	Noy, 10, 20! month/day/year	Kiroaki Lanaka Hiroaki TANAKA
		Witness
Date:	Mov. [0, 20]	Keiji Matsusaka Keiji MATSUSAKA
	monds day, you	Witness
		Witness

Date: $\frac{\sqrt{o_V} \cdot 15, 2011}{\text{month/day/year}}$	Eigo Sano Eigo SANO
	Witness
	Witness