PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY DATA							
Ν			ame	Execution Date			
Masaru MOROOKA				11/25/2011			
Kazuteru KAWAMURA				11/25/2011			
Koki HOZUMI				11/25/2011			
Hideyuki NAGAOKA				11/25/2011			
Koji NAKAGAWA				11/25/2011			
RECEIVING PARTY DATA							
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State/Country:	JAPAN						
Postal Code:	151-0072						
PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number:		13357468					
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NAME OF SUBMITTER:			Richard M. Rosati				
Total Attachments: 1 source=Assignment#page1.tif							

U.S. ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

OLYMPUS IMAGING CORP. 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo 151-0072 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

ZOOM LENS AND IMAGE PICKUP APPARATUS HAVING THE SAME

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on	Application No.

(Kenyon & Kenyon LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Masaru Morooka	Masaru MOROOKA	<u>25, Nov. 2011</u>
(Signature)	(Type Name)	(Date)
Kozuteru Kawamura	Kazuteru KAWAMURA	25, Nov, 2011
(Signature)	(Type Name)	(Date)
Koki Hozumi (Signature)	Koki HOZUMI (Type Name)	25, Nov 2011 (Date)
(Signature) 0	(Type Name)	(Date)
<u>Hideynki haqaoka</u> (Signature)	Hideyùki NAGAOKA (Type Name)	<u>25, Nov, 2011</u> (Date)
Koji haleagana	Koji NAKAGAWA	25, NOV, 2011
(Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
((>x)	· ····/

NO LEGALIZATION REQUIRED

(Signatures)

(Insert ASSIGNEE's Name(s) Address(es))

PATENT REEL: 027587 FRAME: 0508

RECORDED: 01/24/2012