

PATENT ASSIGNMENT

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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>Masataka Hamada</td> <td>12/16/2010</td> </tr> <tr> <td>Kazuhiko Sugimoto</td> <td>12/16/2010</td> </tr> <tr> <td>Toshihiro Hamamura</td> <td>12/16/2010</td> </tr> <tr> <td>Shuji Yoneyama</td> <td>12/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	Masataka Hamada	12/16/2010	Kazuhiko Sugimoto	12/16/2010	Toshihiro Hamamura	12/16/2010	Shuji Yoneyama	12/16/2010
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Shuji Yoneyama	12/16/2010										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	416 Maetan-dong, Yeongtong-gu										
City:	Suwon-si, Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
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>12978901</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12978901						
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Application Number:	12978901										
CORRESPONDENCE DATA											
Fax Number:	(312)569-3533										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	3125691480										
Email:	Irina.Mikitiouk@dbr.com										
Correspondent Name:	Brian C. Rupp, Drinker Biddle & Reath										
Address Line 1:	191 N. Wacker Drive										
Address Line 2:	Suite 3700										
Address Line 4:	Chicago, ILLINOIS 60606-1698										
ATTORNEY DOCKET NUMBER:	P3657US										
NAME OF SUBMITTER:	Brian C. Rupp										

Total Attachments: 3
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Drinker Biddle & Reath LLP
191 N. Wacker Drive, Suite 3700
Chicago, Illinois 60606-1698

ASSIGNMENT

WHEREAS, WE, Masataka HAMADA, of 321-706 Samik Apt., 957-6 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, Kazuhiko SUGIMOTO, of B-622 Baekgung Dongyang Paragon Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea, Toshihiro HAMAMURA, B-622 Baekgung Dongyang Paragon Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea, and Shuji YONEYAMA, of 321-806 Samik Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, have invented and own a certain invention entitled:

AUTO FOCUS ADJUSTING APPARATUS AND CAMERA SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 12/27/2010, under U.S. Application No. 12/978,901, and

WHEREAS, SAMSUNG ELECTRONICS CO., LTD., of 416 Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do

In re Appln. of Hamada et al.
Attorney Docket No. P3657US

such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 2010.12.16

Masataka Hamada
Masataka HAMADA

Date _____

Witness _____

Date _____

Witness _____

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Date 2010.12.16

Kazuhiko Sugimoto
Kazuhiko SUGIMOTO

Date _____

Witness _____

Date _____

Witness _____

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Date 2010.12.16

Toshihiro Hamamura
Toshihiro HAMAMURA

Date _____

Witness _____

Date _____

Witness _____

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Date 2010.12.16

Shuji Yoneyama
Shuji YONEYAMA

Date _____

Witness _____

Date _____

Witness _____

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