

## 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>Tomoya SHIMURA</td> <td>05/28/2013</td> </tr> <tr> <td>Seiichi TANAKA</td> <td>05/28/2013</td> </tr> <tr> <td>Shinichi ARITA</td> <td>05/28/2013</td> </tr> <tr> <td>Takuya OKAMOTO</td> <td>05/28/2013</td> </tr> <tr> <td>Takashi YASUMOTO</td> <td>05/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Tomoya SHIMURA	05/28/2013	Seiichi TANAKA	05/28/2013	Shinichi ARITA	05/28/2013	Takuya OKAMOTO	05/28/2013	Takashi YASUMOTO	05/28/2013
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CORRESPONDENCE DATA													
<p>Fax Number: 5713137421  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 571-313-7440        Email: mrhodes@kbiplaw.com        Correspondent Name: Keating &amp; Bennett, LLP        Address Line 1: 1800 Alexander Bell Dr.        Address Line 2: Suite 200        Address Line 4: Reston, VIRGINIA 20191</p>													
ATTORNEY DOCKET NUMBER:	70404.1505/SG												
NAME OF SUBMITTER:	Michelle Rhodes												

OP \$40.00 13990464

Signature:	/EDP/mr/
Date:	05/30/2013
Total Attachments: 2 source=70404-1505-PTO-20130530-Signed_Assignment#page1.tif source=70404-1505-PTO-20130530-Signed_Assignment#page2.tif	

ASSIGNMENT (WORLDWIDE)

WHEREAS, we, (1) Tomoya SHIMURA, (2) Seiichi TANAKA, (3) Shinichi ARITA, (4) Takuya OKAMOTO, and (5) Takashi YASUMOTO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled

IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD,  
AND IMAGE PROCESSING PROGRAM

for which application for Letters Patent of the United States has been

\_\_\_ executed on even date herewith;  
\_\_\_ filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.

WHEREAS, Sharp Kabushiki Kaisha, 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: May 28, 2013

Tomoya Shimura  
TOMOYA SHIMURA

Dated: May 28, 2013

Seiichi Tanaka  
SEIICHI TANAKA

Dated: May 28, 2013

Shinichi Arita  
SHINICHI ARITA

Dated: May 28, 2013

Takuya Okamoto  
TAKUYA OKAMOTO

Dated: May 28, 2013

Takashi Yasumoto  
TAKASHI YASUMOTO

Dated: \_\_\_\_\_

\_\_\_\_\_