

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TSUYOSHI KASHIWAGI	10/18/2010
FUTOSHI OSAWA	10/18/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DAI NIPPON PRINTING CO., LTD.
<b>Street Address:</b>	1-1, ICHIGAYA-KAGACHO 1-CHOME, SHINJUKU-KU
<b>City:</b>	TOKYO-TO
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12829578
<b>CORRESPONDENCE DATA</b>	
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<b>Total Attachments: 1</b> source=cu8454_assignment#page 1.tif	

CH \$40.00 12829578

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**PATENT**  
**REEL: 025345 FRAME: 0184**

# Assignment

Whereas, I/We, Tsuyoshi KASHIWAGI and Futoshi OSAWA of Tokyo-to, Japan

hereinafter called assignor(s), have invented certain improvements in

and executed an application for Letters Patent of the United States of America therefor on  
even date herewith ; and

Whereas, DAI NIPPON PRINTING CO., LTD. of 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku,

Tokyo-to, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

Date: 18/10/2010 s/ Tsuyoshi Kashiwagi  
Tsuyoshi KASHIWAGI

Date: 18/10/2010 s/ Futoshi Osawa  
Futoshi OSAWA

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)