

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>Fangming ZHAO</td><td>08/24/2011</td></tr><tr><td>Toshinari TAKAHASHI</td><td>08/24/2011</td></tr><tr><td>Shinji YAMANAKA</td><td>08/24/2011</td></tr><tr><td>Yuichi KOMANO</td><td>08/24/2011</td></tr><tr><td>Kentaro UMESAWA</td><td>08/26/2011</td></tr></tbody></table>	Name	Execution Date	Fangming ZHAO	08/24/2011	Toshinari TAKAHASHI	08/24/2011	Shinji YAMANAKA	08/24/2011	Yuichi KOMANO	08/24/2011	Kentaro UMESAWA	08/26/2011	
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City:	Tokyo												
State/Country:	JAPAN												
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>13229227</td></tr></tbody></table>	Property Type	Number	Application Number:	13229227									
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Application Number:	13229227												
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Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif													

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PATENT
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ASSIGNMENT OF PATENT APPLICATION

(Inventors) Fangming ZHAO of Saitama-ken, Japan
Toshinari TAKAHASHI of Tokyo, Japan
Shinji YAMANAKA of Tokyo, Japan
Yuichi KOMANO of Kanagawa-ken, Japan
Kentaro UMESAWA of Kanagawa-ken, Japan

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) Kabushiki Kaisha Toshiba
(Address) 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as

(Title) **INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD**

(Case No.)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(on or has already filed in

(U.S. appln. Serial No. , filed on).

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

13G060471-USA-A

Date Aug. 24, 2011 Signature of inventor

Fangming Zhao

Fangming ZHAO

Date Aug 24, 2011 Signature of inventor

Toshinari Takahashi

Toshinari TAKAHASHI

Date Aug. 24, 2011 Signature of inventor

Shinji Yamanaka

Shinji YAMANAKA

Date Aug 24, 2011 Signature of inventor

Yuichi Komano

Yuichi KOMANO

Date Aug 26, 2011 Signature of inventor

Kentaro Umetsawa

Kentaro UMESAWA