

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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Takafumi NAGAI	07/29/2011
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13213548
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ASSIGNMENT OF PATENT APPLICATION

(Inventor) Shigeki HAYASHI
Takafumi NAGAI

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable
(Address) considerations paid to each of the undersigned, the undersigned agree(s) to assign,
and hereby does assign, transfer and set over to
SHARP KABUSHIKI KAISHA
(of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka
545-8522 Japan
(hereinafter designated as the Assignee) the undersigned's entire right, title and
interest for the United States, its territories, dependencies and possessions, and for
the country of
(Other Countries) (in the invention, and all application for patent and any Letters Patent which
(Title) may be granted therefore, known as

DEVELOPING DEVICE AND IMAGE FORMING APPARATUS

(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. app'n. 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).

Date July 29, 2011 Signature of inventor (Shigeki Hayashi
Shigeki HAYASHI

Date July 29, 2011 Signature of inventor (Takafumi Nagai
Takafumi NAGAI

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Date _____ Signature of inventor (_____

Witnessed by: _____ Date _____

Witnessed by: _____ Date _____

Witnessed by: _____ Date _____