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ASSIGNMENT OF PATENT APPLICATION

Tomohiko NISHIMURA Saburoh MIYAMOTO Toshihisa NAKANO Hiroshi HAMADA Takeshi YAMAGUCHI

(Inventors)

(Assignee)

(Address)

(Title)

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

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 in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

DISPLAY DEVICE WITH TOUCH SENSOR, AND DRIVE METHOD FOR THE DEVICE

(Case No. 4034-

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

or has already filed in

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

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.

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In witness whereof, exect signature(s).	uted by the undersigned	on the date(s) opposite the undersigned
Date April 17, 2007	Signature of inventor	(Tomohiko Nishimura
Date April 18, 2007	Signature of inventor	(Sabujah Miyamoto
Date april, 12. 2007		Saburoh MIYAMOTO (<u>Yo shikisa Makano</u> Toshihisa NAKANO
Date Apr. 18, 2007	Signature of inventor	(Hiroshi Hemade
Date April 19, 2007	Signature of inventor	Hiroshi HAMADA (Jakeshi Yamaguchi) Takeshi YAMAGUCHI()
Date	Signature of inventor	(
Date	Signature of inventor	(
Date	Signature of inventor	(
Witnessed by:	lada e e e e e e e e e e e e e e e e e e	Date
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