

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shinji Hattori	05/12/2008
RECEIVING PARTY DATA	
Name:	Sharp Kabushiki Kaisha
Street Address:	22-22, Nagaike-cho
Internal Address:	Abeno-ku
City:	Osaka-Shi
State/Country:	JAPAN
Postal Code:	545-8522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12152501
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	81817(70840)
NAME OF SUBMITTER:	Peter J. Manus
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PATENT

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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 12 day of May, 2008,
by HATTORI Shinji (hereinafter referred to as Assignor), residing at 2-4-1-223,
Nishiishikiricho, Higashiosaka-shi, Osaka 579-8013 JAPAN;

WHEREAS, Assignor has invented certain new and useful improvements in
AN IMAGE SENSOR AND AN ELECTRONIC INFORMATION DEVICE, set forth in a
Patent application for Letters Patent of the United States, ^{U.S. Serial No. 12/152,501 filed May 14, 2008}
filed on May 16, 2007,
claiming foreign priority to Japanese Patent Application No. 2007-131071; and

WHEREAS, Sharp Kabushiki Kaisha, a corporation organized under and
pursuant to the laws of Japan having its principal place of business at 22-22, Nagaik-
cho, Abeno-Ku, Osaka-Shi, Osaka, 545-8522, JAPAN (hereinafter referred to as
Assignee), is desirous of acquiring the entire right, title and interest in and to said
inventions and said Application for Letters Patent of the United States, and in and to
any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignor
has sold, assigned, transferred and set over, and by these presents does sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and assigns,
the entire right, title and interest in and to the above-mentioned inventions and
application for Letters Patent, and in and to any and all direct and indirect divisions,
continuations and continuations-in-part of said application, and any and all Letters
Patent in the United States and all foreign countries which may be granted therefore
and thereon, and reissues, reexaminations and extensions of said Letters Patent, and
all rights under the International Convention for the Protection of Industrial Property,
the same to be held and enjoyed by Assignee, for its own use and benefit and the use
and benefit of its successors, legal representatives and assigns, to the full end of the
term or terms for which Letters Patent may be granted and/or extended, as fully and
entirely as the same would have been held and enjoyed by Assignor, had this sale and
assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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 and Trademark Office for recordation of this document:

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

HATTORI Shinji
HATTORI Shinji

Witness:

Date _____