PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasuhiro IIJIMA	11/25/2009
Haruo HATANAKA	11/25/2009
Shimpei FUKUMOTO	11/25/2009

RECEIVING PARTY DATA

Name:	Sanyo Electric Co., Ltd.
Street Address:	5-5, Keihan-Hondori 2-chome
Internal Address:	Moriguchi City
City:	Osaka
State/Country:	JAPAN
Postal Code:	570-8677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12636171

CORRESPONDENCE DATA

Fax Number: (202)659-0105

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2026590100

Email: amanda.moellendick@novakdruce.com

Correspondent Name: NDQ&M Watchstone LLP

Address Line 1: 1300 | Street NW
Address Line 2: West Tower Suite 1000

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	SAN.003.0057.NP
NAME OF SUBMITTER:	S. Peter Konzel

Total Attachments: 2

PATENT REEL: 023642 FRAME: 0941 OF \$40.00 12636171

501038969

source=SAN-003-0057-NP_20091211-Assignment#page1.tif source=SAN-003-0057-NP_20091211-Assignment#page2.tif

PATENT REEL: 023642 FRAME: 0942



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Name and address of assignee:
SANYO ELECTRIC CO., LTD.
5-5, Keihan-Hondori 2-Chome, Moriguchi City, Osaka, 570-8677 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

IMAGE PROCESSING APPARATUS AND IMAGE SENSING APPARATUS

as set forth in this United States Patent Application

check one	executed concurrently herewith
	□ executed on
	\(\text{\textit{Serial No. 12/(036, 17)}}\) Filed \(\text{December 11, 2009}\)

in and to said United States Patent Application including any and all divisions or continuations there of and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other



lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a signs or to assist said ASSIGNEE, its successors, legal representatives or a signs in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of NDQ&M WATCHSTONE LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name:	Signature:	Date:		
Yasuhiro IIJIMA	Signature: Harrio Hatanofice Signature: Shimper Fahumoto	November 25,2009		
Name:	Signature:	Date:		
Haruo HATANAKA	Harvo Hatanaha	Nov 25, 200 9		
Name:	Signature:	Date: /		
Shimpei FUKUMOTO	Shimper Fuhumoto	November 35,2009 Date: Nov. 25, 2009 Date: Nov. 25,2009		
NAMES AND SIGNATURES OF WITNESSES (Optional)				
Name:	Signature:	Date:		
Name:	Signature:	Date:		

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.

- 2 -

RECORDED: 12/11/2009