

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUJIFILM HOLDINGS CORPORATION	02/19/2007

RECEIVING PARTY DATA

Name:	FUJIFILM CORPORATION
Street Address:	26-30, Nishiazabu 2-chome
City:	Minato-ku, Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 40

Property Type	Number
Patent Number:	6337495
Patent Number:	6351291
Patent Number:	6388278
Patent Number:	6414343
Patent Number:	6423959
Patent Number:	6469290
Patent Number:	6469576
Patent Number:	6507055
Patent Number:	6528831
Patent Number:	6541805
Patent Number:	6545304
Patent Number:	6586771
Patent Number:	6664125
Patent Number:	6734031
Patent Number:	6781167
Patent Number:	6781178

PATENT

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REEL: 018951 FRAME: 0733

CH \$1600.00 6337495

Patent Number:	6806904
Patent Number:	6822682
Patent Number:	6873360
Patent Number:	6885399
Patent Number:	6903391
Patent Number:	6914633
Patent Number:	6929972
Patent Number:	6933972
Patent Number:	6933976
Patent Number:	6940092
Patent Number:	7019274
Patent Number:	7030916
Patent Number:	7034872
Patent Number:	7050101
Patent Number:	7061655
Patent Number:	7064405
Patent Number:	7075164
Patent Number:	7079183
Patent Number:	7091463
Patent Number:	7110031
Patent Number:	7148920
Patent Number:	7151567
Patent Number:	7154549
Patent Number:	7176430

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	107355-00176
NAME OF SUBMITTER:	George E. Oram, Jr.

Total Attachments: 7

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ASSIGNMENT

WHEREAS, **FujiFilm Holdings Corporation** (hereinafter "ASSIGNOR"), is the owner of the entire right, title and interest in the U.S. Letters Patents listed in Attachment A by way of change of name filed concurrently herewith; and

WHEREAS, **FujiFilm Corporation**, a corporation of Japan, having an address of 26-30, Nishiazabu 2-chome, Minato-ku, Tokyo, Japan, (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Letters Patents listed in Attachment A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire right, title and interest in said Letters Patents listed in Attachment A and reissues thereof for the full term for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Letters Patents and/or the inventions disclosed and claimed therein as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to maintain and enforce said Letters Patents as may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the undersigned has hereunto set hand and seal this 19
day of February, 2007.

FUJIFILM HOLDINGS CORPORATION

Kazuyoshi Hoshi
Name: Kazuyoshi Hoshi
Title: Senior Manager
IP Strategy Group
Corporate R&D Div.

ATTACHMENT A

U.S. Patent No. 6,337,495 B1, issued January 8, 2002

By: Yong Gwan KIM

For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,351,291 B1, issued February 26, 2002

By: Masanari ASANO et al

For: IMAGE PROCESSING APPARATUS FOR AN
ON-SCREEN-DISPLAY WHICH DISPLAYS
ONE IMAGE OVER ANOTHER IMAGE

U.S. Patent No. 6,388,278 B1, issued May 14, 2002

By: Nobuo SUZUKI et al

For: SOLID STATE IMAGE PICKUP DEVICE AND
ITS DRIVING METHOD

U.S. Patent No. 6,414,343 B1, issued July 2, 2002

By: Ryuji KONDO et al

For: SOLID-STATE IMAGING DEVICE HAVING
ASPHERIC LENSES

U.S. Patent No. 6,423,959 B1, issued July 23, 2002

By: Katsumi IKEDA et al

For: SOLID-STATE IMAGE PICKUP APPARATUS AND
ITS CONTROL METHOD INCLUDING A THINNING
READOUT MODE AND AN ADDING MOVIE MODE

U.S. Patent No. 6,469,290 B1, issued October 22, 2002

By: Nobuo SUZUKI

For: SOLID-STATE IMAGE PICKUP APPARATUS IN
COMPLIANCE WITH THE ARRANGEMENT OF
COMPLEMENTARY COLOR FILTER SEGMENTS
AND A SIGNAL PROCESSING METHOD THEREFOR

U.S. Patent No. 6,469,576 B2, issued October 22, 2002

By: Jun HASEGAWA

For: AMPLIFIER CIRCUIT FOR A PHYSICAL RANDOM
NUMBER GENERATOR AND A RANDOM NUMBER
GENERATOR USING THE SAME

U.S. Patent No. 6,507,055 B1, issued January 14, 2003

By: Yong Gwan KIM

For: SOLID STATE IMAGE PICKUP DEVICE AND ITS
MANUFACTURE

U.S. Patent No. 6,528,831 B2, issued March 4, 2003

By: Hiroo UMETSU

For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,541,805 B1, issued April 2, 2003

By: Nobuo SUZUKI

For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,545,304 B2, issued April 8, 2003

By: Eiichi OKAMOTO

For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,586,771 B2, issued July 1, 2003

By: Nobuo SUZUKI

For: SOLID STATE IMAGING DEVICE HAVING A
DRIVER CIRCUIT COMPOSED OF A STORAGE
SYSTEM AND A SIGNAL GENERATOR IN THE
SAME SUBSTRATE

U.S. Patent No. 6,664,125 B2, issued December 16, 2003

By: Eiji WATANABE et al

For: SOLID-STATE IMAGE PICKUP DEVICE AND A
METHOD OF MANUFACTURING THE SAME

U.S. Patent No. 6,734,031 B2, issued May 11, 2004
By: Makoto SHZUKUISHI
For: SOLID-STATE IMAGING DEVICE AND
MANUFACTURING METHOD FOR SOLID-STATE
IMAGING DEVICE

U.S. Patent No. 6,781,167 B2, issued August 24, 2004
By: Shinji UYA et al
For: SEMICONDUCTOR DEVICE AND ITS MANUFACTURE

U.S. Patent No. 6,781,178 B2, issued August 24, 2004
By: Makoto SHIZUKUISHI
For: NON-VOLATILE SOLID STATE IMAGE PICKUP
DEVICE AND ITS DRIVE

U.S. Patent No. 6,806,904 B1, issued October 19, 2004
By: Yong Gwan KIM
For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,822,682 B1, issued November 23, 2004
By: Kazuhiro KAWAJIRI et al
For: SOLID STATE IMAGE PICKUP DEVICE AND ITS
READ METHOD

U.S. Patent No. 6,873,360 B1, issued March 29, 2005
By: Kazuhiro KAWASHIRI
For: SOLID STATE IMAGE PICKUP DEVICE OF GOOD
WHITE BALANCE AND CONTROL METHOD THEROF

U.S. Patent No. 6,885,399 B1, issued April 26, 2005
By: Kazuhiro KAWASHIRI
For: SOLID STATE IMAGING DEVICE CONFIGURED
TO ADD SEPARATED SIGNAL CHARGES

U.S. Patent No. 6,903,391 B2, issued June 7, 2005
By: Yutaka TAKEUCHI et al
For: SOLID STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,914,633 B1, issued July 5, 2005
By: Tetsuo YAMADA
For: CHARGE TRANSFER PATH HAVING LENGTHWISELY
VARYING CHANNEL WIDTH AND IMAGE PICKUP
DEVICE USING IT

U.S. Patent No. 6,929,972 B2, issued August 16, 2005
By: Yutaka TAKEUCHI et al
For: MANUFACTURE OF SOLID STATE IMAGER
HAVING PLURALITY OF PHOTODETECTORS
PER EACH PIXEL

U.S. Patent No. 6,933,972 B2, issued August 23, 2005
By: Nobuo SUZUKI et al
For: MOS TYPE IMAGE PICKUP DEVICE HAVING PIXEL
INTERLEAVED ARRAY LAYOUT AND ONE ANALOG
TO DIGITAL CONVERSION UNIT PROVIDED PER EACH
PAIR OF ADJACENT PHOTOELECTRIC CONVERSION
COLUMNS

U.S. Patent No. 6,933,976 B1, issued August 23, 2005
By: Nobuo SUZUKI
For: SOLID-STATE IMAGE PICKUP DEVICE

U.S. Patent No. 6,940,092 B2, issued September 6, 2005
By: Hiroaki YOSHIDA et al
For: ELECTRICALLY CONDUCTING ORGANIC
COMPOUND AND ELECTRONIC DEVICE

U.S. Patent No. 7,019,274 B2, issued March 28, 2006
By: Tetsuo YAMADA
For: SOLID STATE IMAGE PICKUP DEVICE WITH
WIDE DYNAMIC RANGE

U.S. Patent No. 7,030,916 B2, issued April 18, 2006
By: Yasuo AOTSUKA
For: COLOR IMAGE PICKUP APPARATUS WITH LIGHT
SOURCE DISTINGUISHING FUNCTION

U.S. Patent No. 7,034,872 B1, issued April 25, 2006
By: Takeshi YAMAMOTO
For: IMAGE PROCESSING APPARATUS AND METHOD

U.S. Patent No. 7,050,101 B2, issued May 23, 2006
By: Hideki WAKO et al
For: SOLID STATE IMAGE PICKUP DEVICE
CAPABLE OF DRAINING UNNECESSARY
CHARGE AND DRIVING METHOD THEREOF

U.S. Patent No. 7,061,655 B2, issued June 13, 2006
By: Nobuo SUZUKI
For: PROVISION OF BRIGHT AND HIGH QUALITY
IMAGE FROM CCD IMAGE PICK-UP DEVICE

U.S. Patent No. 7,064,405 B2, issued June 20, 2006
By: Ryuji KONDO et al
For: SOLID STATE IMAGING DEVICE WITH INNER LENS
AND MANUFACTURE THEREOF

U.S. Patent No. 7,075,164 B2, issued July 11, 2006
By: Shinji UYA
For: SEMICONDUCTOR PHOTOELECTRIC CONVERSION
DEVICE SUITABLE FOR MINIATURIZATION

U.S. Patent No. 7,079,183 B1, issued July 18, 2006
By: Tetsuo YAMADA
For: CHARGE TRANSFER DEVICE FOR INCREASING
DATA RATE AND REDUCING POWER CONSUMPTION

U.S. Patent No. 7,091,463 B2, issued August 15, 2006
By: Noriaki SUZUKI et al
For: SOLID STATE IMAGE PICKUP DEVICE WITH
POLYSILICON TRANSFER ELECTRODES

U.S. Patent No. 7,110,031 B2, issued September 19, 2006
By: Ryuji KONDO et al
For: STATE IMAGE PICKUP APPARATUS HAVING
PIXEL SHIFT LAYOUT

U.S. Patent No. 7,148,920 B2, issued December 12, 2006
By: Yasuo AOTSUKA
For: SOLID STATE IMAGE PICKUP DEVICE CAPABLE
OF DISTINGUISHING BETWEEN LIGHT SOURCES
AND IMAGE PICKUP APPARATUS USING SUCH
SOLID STATE IMAGE PICKUP DEVICE

U.S. Patent No. 7,151,567 B2, issued December 19, 2006
By: Nobuo SUZUKI et al
For: ELECTRONIC CAMERA WITH BACKLIGHT
CORRECTION CAPABILITY

U.S. Patent No. 7,154,549 B2, issued December 26, 2006
By: Makoto SHIZUKUISHI
For: SOLID STATE IMAGE SENSOR HAVING A
SINGLE-LAYERED ELECTRODE STRUCTURE

U.S. Patent No. 7,176,430, issued February 13, 2007
By: Ryuji KONDO et al
For: SOLID STATE IMAGE PICKUP DEVICE WITH TWO
PHOTOSENSITIVE FIELDS PER ONE PIXEL