

## PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HITACHI CONSUMER ELECTRONICS CO., LTD.	11/07/2013
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8223174
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Date:	11/20/2013
Total Attachments: 2 source=ASSIGNMENT_11-20-2013#page1.tif source=ASSIGNMENT_11-20-2013#page2.tif	

OP \$40.00 8223174

Docket No.: 1996.1033D

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Ken KUMAKURA et al.

Serial No. 12/232,680

Group Art Unit: 2629

Confirmation No. 1742

Filed: September 22, 2008

Examiner: HICKS, Charles V.

For: WHITE BALANCE CORRECTION CIRCUIT AND CORRECTION METHOD FOR  
DISPLAY APPARATUS THAT DISPLAYS COLOR IMAGE BY CONTROLLING  
NUMBER OF EMISSIONS OR INTENSITY THEREOF IN ACCORDANCE WITH  
PLURALITY OF PRIMARY COLOR VIDEO SIGNALS

**ASSIGNMENT**

HITACHI CONSUMER ELECTRONICS CO., LTD. is the sole owner of the above-identified application, now patented as U.S.P. 8,223,174, by reason of Assignment recorded in the U.S. Patent and Trademark Office at Reel 030648, Frame 0217. The evidentiary Assignment documents, including the recorded Assignment, have been reviewed, and to the best of the undersigned's knowledge and belief, the title remains in the name of HITACHI CONSUMER ELECTRONICS CO., LTD. as specified above.

**WHEREAS**

HITACHI MAXELL, LTD., a corporation of Japan having an office at 1-88, Ushitora 1-chome, Ibaraki-si, Osaka 567-8567, Japan is desirous of acquiring sole ownership interests in the legal title to the subject patent application all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, HITACHI CONSUMER ELECTRONICS CO., LTD., hereby sells, assigns and transfers to HITACHI MAXELL, LTD., their lawful successors and assigns, sole legal interests in the exclusive right and title to said invention and to the above-identified application and all

Ser. No.: 12/232,680

divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements.

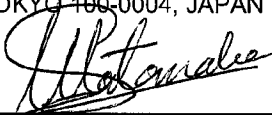
HITACHI CONSUMER ELECTRONICS CO., LTD., hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below:

HITACHI CONSUMER ELECTRONICS CO., LTD.  
2-1, OTEMACHI 2-CHOME, CHIYODA-KU  
TOKYO 100-0004, JAPAN

Date: Nov 7, 2013

By: \_\_\_\_\_



President and Representative Director:  
Shutoku WATANABE