

# Exhibit 3

(12) **United States Patent**  
**Vide**

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(45) **Date of Patent:** **\*Dec. 6, 2011**

(54) **METHOD AND SYSTEM FOR REMOVAL OF RED EYE EFFECTS**

(56) **References Cited**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 773 days.

This patent is subject to a terminal disclaimer.

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(65) **Prior Publication Data**

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**Related U.S. Application Data**

(60) Continuation of application No. 11/175,551, filed on Jul. 5, 2005, now Pat. No. 7,324,689, which is a division of application No. 09/767,331, filed on Jan. 22, 2001, now Pat. No. 7,088,855.

(51) **Int. Cl.**  
**G06K 9/00** (2006.01)  
**G06K 9/40** (2006.01)

(52) **U.S. Cl.** ..... **382/167**

(58) **Field of Classification Search** ..... 382/103, 382/115, 117, 162, 165, 167, 254, 274, 275, 382/299; 358/1.13, 1.9, 500, 509, 518, 520, 358/527; 396/155, 158; 348/239, 370, 576, 348/586

See application file for complete search history.

**U.S. PATENT DOCUMENTS**

4,285,588 A	8/1981	Mir	
4,315,024 A	2/1982	Abelson	
4,315,204 A	2/1982	Sievers et al.	
4,978,989 A	12/1990	Nakano et al.	
5,130,789 A	7/1992	Dobbs et al.	
5,748,764 A	5/1998	Benati et al.	
5,990,901 A	11/1999	Lawton et al.	
5,990,973 A	11/1999	Sakamoto et al.	
6,009,209 A *	12/1999	Acker et al.	382/275
6,016,354 A	1/2000	Lin et al.	
6,285,410 B1 *	9/2001	Marni	348/576
6,577,751 B2 *	6/2003	Yamamoto	382/117
6,631,208 B1	10/2003	Kinjo et al.	
6,690,822 B1	2/2004	Chen et al.	
6,701,007 B1	3/2004	Yamaguchi	
6,718,051 B1	4/2004	Eschbach	
6,728,401 B1	4/2004	Hardeberg	
6,765,686 B2 *	7/2004	Maruoka	358/1.15
6,788,425 B1	9/2004	Ohtsuka et al.	
6,798,903 B2	9/2004	Takaoka et al.	

(Continued)

*Primary Examiner* — Amir Alavi

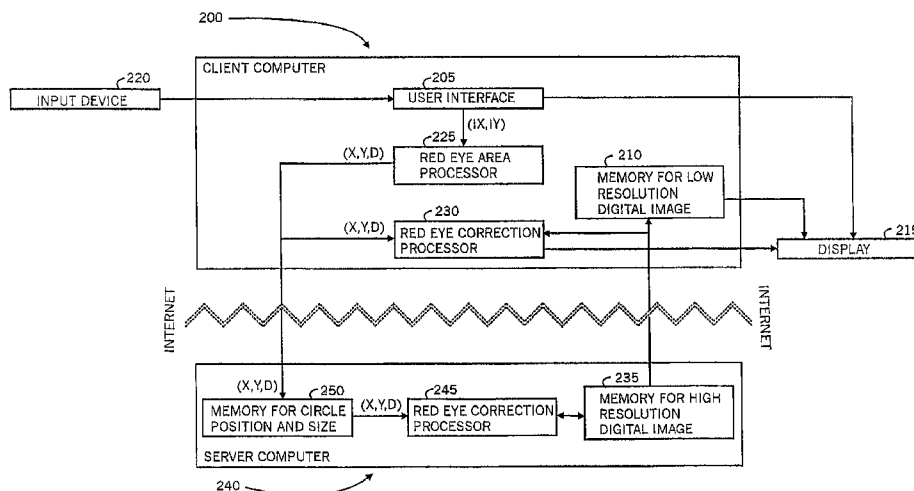
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(57)

**ABSTRACT**

A method of performing red eye correction in an image including storing a high resolution image on a server computer, transmitting a low resolution image derived from the high resolution image, from the server computer to a client computer, displaying the low resolution image on a display device connected to the client computer, receiving from a user an indication of a selected location within the displayed low resolution image, partially automatically defining an outline of an area in the low resolution image within which area red eye correction is to be carried out, by the client computer, based on the user's selected location, carrying out red eye correction on the low resolution image only within the area, by the client computer, and transmitting parameters of the area from the client computer to the server computer. A system is also described and claimed.

**31 Claims, 7 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

6,980,691	B2 *	12/2005	Nesterov et al. ....	382/165	7,324,689	B1 *	1/2008	Vide .....	382/167
6,987,535	B1 *	1/2006	Matsugu et al. ....	348/239	7,764,846	B2 *	7/2010	Marchesotti et al. ....	382/274
7,024,035	B1	4/2006	Enomoto et al. ....		2001/0022853	A1	9/2001	Takaoka	
7,088,855	B1 *	8/2006	Vide .....	382/167	2002/0122588	A1	9/2002	Yamamoto	
7,116,820	B2 *	10/2006	Luo et al. ....	382/167	2008/0285850	A1 *	11/2008	Vide .....	382/167
7,155,058	B2 *	12/2006	Gaubatz et al. ....	382/167	2009/0238454	A1 *	9/2009	Hang et al. ....	382/167
7,164,496	B2	1/2007	Tatsumi et al.						

\* cited by examiner

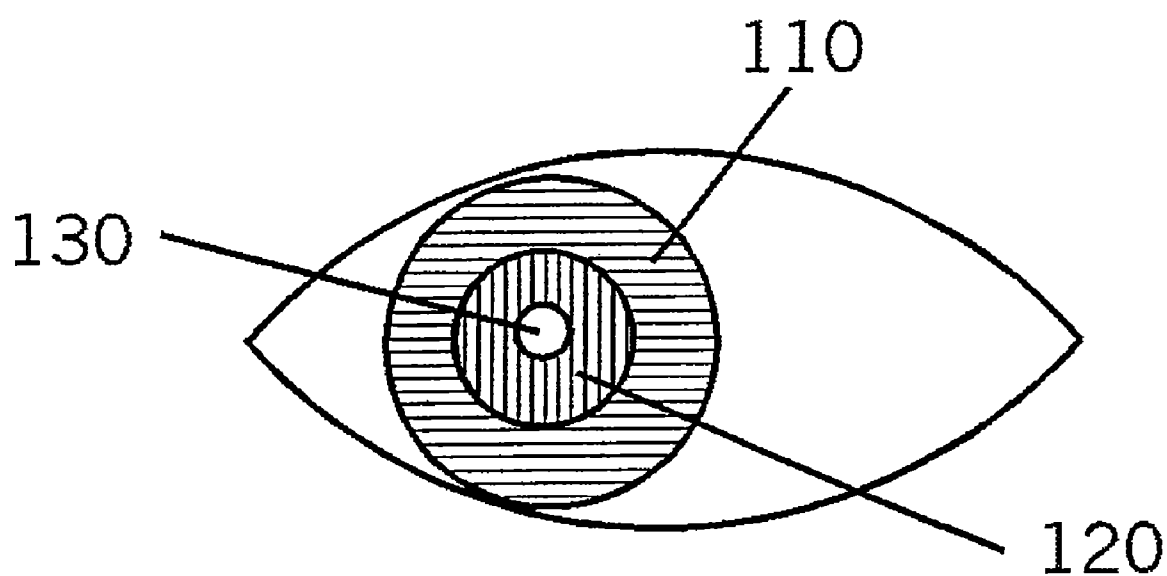


FIG. 1  
(PRIOR ART)

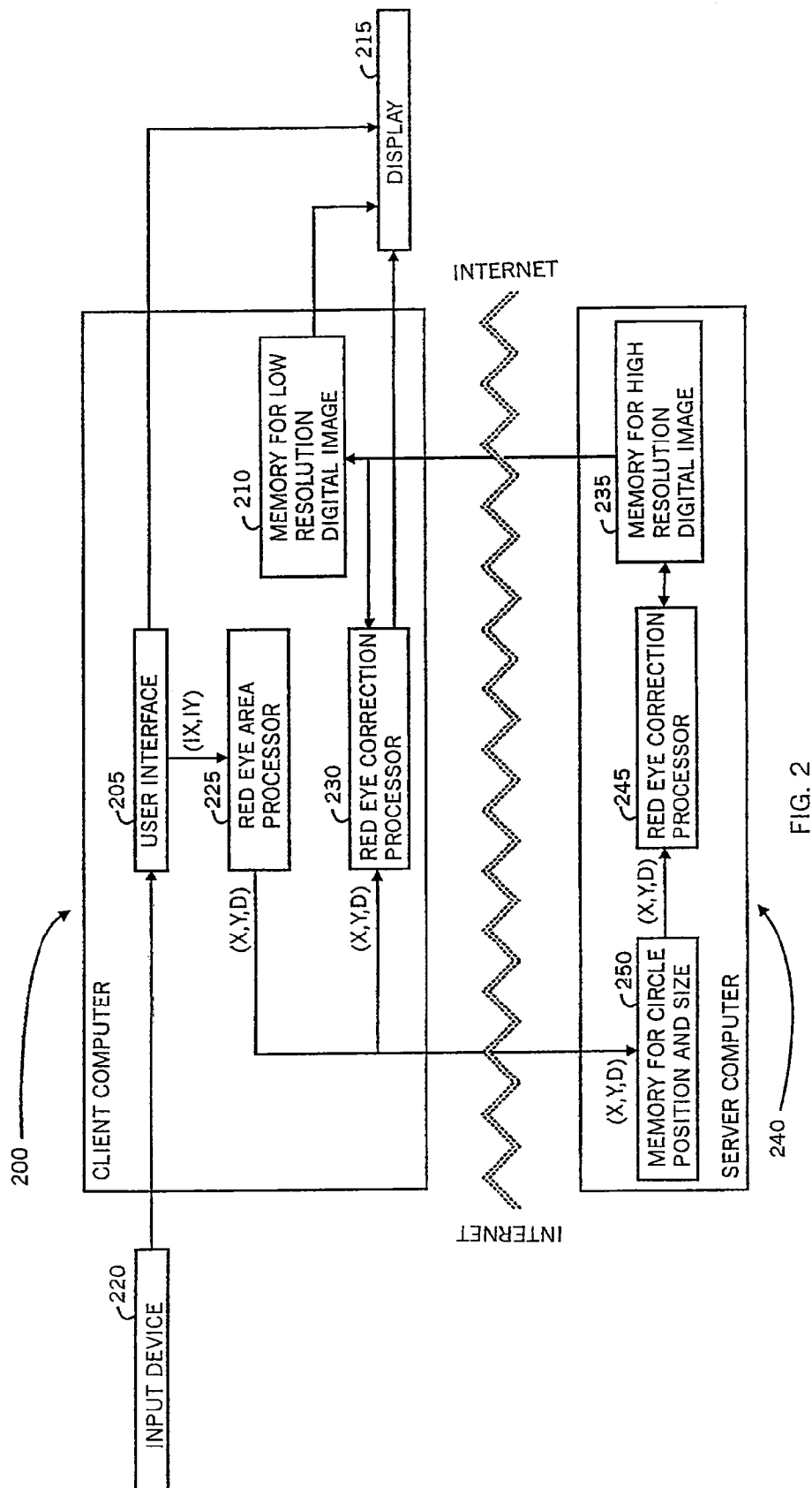


FIG. 2

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