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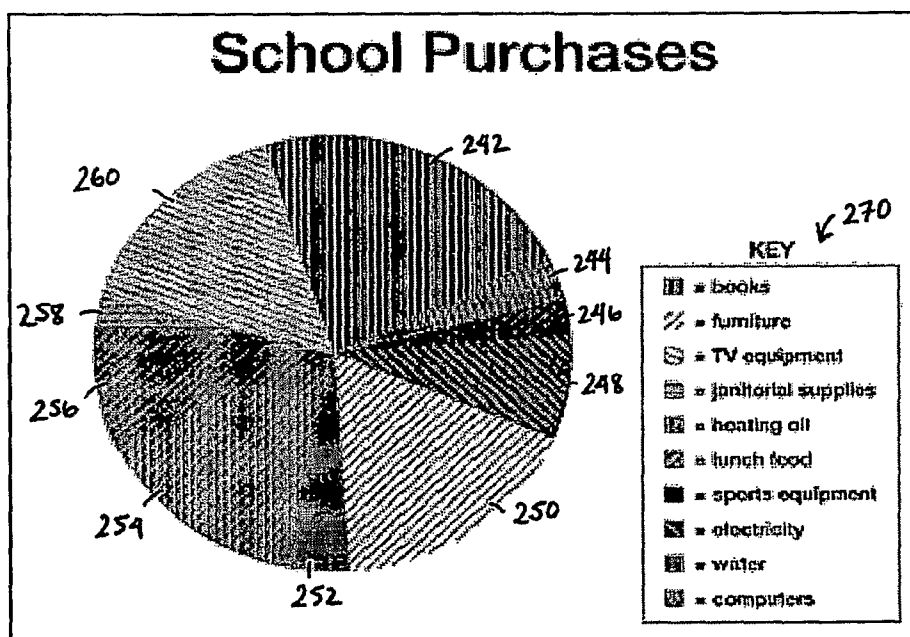
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(54) Title: **TECHNIQUE FOR ENABLING COLOR BLIND PERSONS TO DISTINGUISH BETWEEN VARIOUS COLORS**



(57) Abstract: Systems and methods for processing data representative of a full color image. Such systems may comprise the steps of assisting a colorblind person to indicate portions of an image which to their color-deficient vision are indistinguishable, and altering the image to cause those portions to become distinguishable and identifiable.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/07232

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G09G 5/02 (2008.01)

USPC - 345/589

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

345/589

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
345/582, 592, 629, 593

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Google Scholar; Google Patents; PubWest(PGPB,USPT,USOC,EPAB,JPAB);

Search Terms Used: colorblind, hue, stripe, impaired, vision, eye, correct, process, angle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0085327 A1 (JONES et al.) 06 May 2004 (06.05.2004), para [0013], para [0028], para [0030], para [0033], para [0034], para [0037], para [0048], para [0077]	1-18
A	US 2005/0031171 A1 (KRUKOWSKI et al.) 10 February 2005 (10.02.2005)	1-18

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Further documents are listed in the continuation of Box C.

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* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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