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(12) **EX PARTE REEXAMINATION CERTIFICATE** (12475th)
United States Patent
Ferguson

(10) **Number:** **US 8,223,117 C1**(45) **Certificate Issued:** **Dec. 21, 2023**

(54) **METHOD AND APPARATUS TO CONTROL
DISPLAY BRIGHTNESS WITH AMBIENT
LIGHT CORRECTION**

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Related U.S. Application Data

(63) Continuation of application No. 11/023,295, filed on Dec. 27, 2004, now Pat. No. 7,468,722.

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(51) **Int. Cl.**
G09G 3/36 (2006.01)
G09G 3/34 (2006.01)
G09G 3/22 (2006.01)

(52) **U.S. Cl.**

CPC **G09G 3/3406** (2013.01); **G09G 3/22** (2013.01); **G09G 3/36** (2013.01); **G09G 2300/0456** (2013.01); **G09G 2320/0606** (2013.01); **G09G 2320/0626** (2013.01); **G09G 2360/144** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

(56) **References Cited**

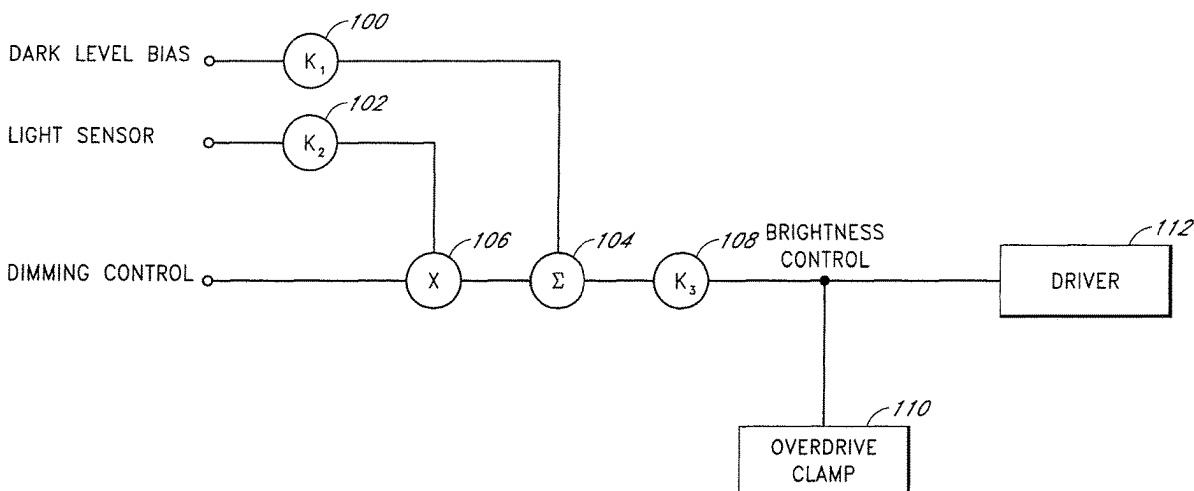
To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/019,119, please refer to the USPTO's Patent Electronic System.

Primary Examiner — Colin M LaRose

(57) **ABSTRACT**

An ambient light sensor produces a current signal that varies linearly with the level of ambient light. The current signal is multiplied by a user dimming preference to generate a brightness control signal that automatically compensates for ambient light variations in visual information display systems. The multiplying function provides noticeable user dimming control at relatively high ambient light levels.

Attention is directed to the decision of *Polaris PowerLED Technologies, LLC v. VIZIO, Inc.*, 8:18-cv-01571, (C.D. Cal.). This reexamination may not have resolved all questions raised by this decision. See 37 CFR 1.552(c) for *ex parte* reexamination and 37 CFR 1.906(c) for *inter partes* reexamination.



**EX PARTE
REEXAMINATION CERTIFICATE**

NO AMENDMENTS HAVE BEEN MADE TO
THE PATENT 5

AS A RESULT OF REEXAMINATION, IT HAS BEEN
DETERMINED THAT:

The patentability of claims **1-7, 9** and **15-18** is confirmed. 10
Claims **8, 10-14** and **19-20** were not reexamined.

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