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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Ray Brightley

Application No.: 12/345,678

Filed: March 28, 2013

For: SYSTEMS AND METHODS
FOR LIGHT CONTROL USING
A PREDEFINED LIGHT
PROFILE

Examiner: Daniel Nile

Group Art Unit: 2349

Attorney Docket No.: 4563

Confirmation No.: 1234

AMENDMENT

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Nile:

This Amendment is in response to the Office Action mailed April 18, 2013. This Amendment is timely because it is being submitted within the period for reply which expires July 18, 2013. Please enter and consider the following:

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A light control system, said system comprising:
a controller including:

a light control display; and

a wireless transceiver; and

a server including:

a data storage unit storing at least one a plurality of predefined light profiles; and

a data transceiver; and

at least one light emitting unit,

wherein a first predefined light profile represents a first preset color of light emitted from said at least one light emitting unit in response to receiving said first predefined light profile from said server,

wherein a second predefined light profile represents a second preset color of light emitted from said at least one light emitting unit in response to receiving said second predefined light profile from said server,

This is a substantial amendment that would get the Examiner's attention

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wherein said controller transmits a command requesting said predefined light profile to said server using said wireless transceiver,

touching from? when a button representing said predefined light profile is selected by touching said button from said light control display, in response to touching a

~~button representing said predefined light profile at said controller,~~

wherein said wireless transceiver is in wireless communication with said data transceiver,

wherein said server retrieves said predefined light profile from said data storage unit ~~in response to receiving said command~~ and transmits said predefined light profile to said light emitting unit in response to receiving said command,

wherein said light emitting unit emits a light with a color represented by [[of]] said predefined light profile in response to receiving said predefined light profile from said server.

2. (Original) The light control system of claim 1 wherein said light emitting unit is light emitting diodes (LEDs).

3. (Original) The light control system of claim 1 wherein said emitted light has a wavelength range from 10nm to 1mm.

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4. (Original) The light control system of claim 1 wherein said predefined light profile is transmitted through WIFI wireless connection.

5. (Previously Presented) The light control system of claim 1 further including:

an audio device,

wherein said predefined light profile includes a sound profile,

wherein said server transmits said predefined light profile to said audio device in response to receiving said command from said controller,

wherein said audio device plays said sound profile in response to receiving said predefined light profile from said server.

6. (Currently Amended) The light control system of claim 1 further including:

said controller including a GPS sensor,

wherein said controller collects detects a location data representing a location of said controller using said GPS sensor and transmits said location data to said server,

wherein said server receives said location data and compares said location data to a [[said]] predefined control data representing a preset location stored in [[on]] said data storage unit,

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wherein said server retrieves said predefined light profile and transmits said predefined light profile to said light emitting unit,

when said location data matches is in a location said preset location represented by defined in said predefined control data. ~~said server retrieves said predefined light profile and transmits said predefined light profile to said light emitting unit,~~

wherein said light emitting unit emits a light with a color represented by [[of]] said predefined light profile in response to receiving said predefined light profile from said server.

7. (Currently Amended) A method of emitting a light, said method comprising:

1.
activating a sensor of a controller in response to touching a button representing a predefined light profile from said controller,

wherein a plurality of predefined light profiles representing a preset color of light are stored in a data storage unit of a server,

wherein a first predefined light profile represents a first preset color of light emitted from at least one light emitting unit in response to receiving said first predefined light profile from said server,

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wherein a second predefined light profile represents a second preset color of light emitted from said at least one light emitting unit in response to receiving said second predefined light profile from said server;

collecting a data using said sensor and transmitting said data to said server;

~~wherein said sensor detects a data, and transmits said data to a server;~~

~~wherein said controller is in communication with said server using a wireless network;~~

comparing said data to a predefined control data stored in said data storage unit;

retrieving said predefined light profile from said data storage unit,

when said data matches said predefined control data;

~~transmitting said predefined light profile stored on a data storage unit of said server to said [[a]] light emitting unit;~~

~~wherein said data is compared to a predefined control data stored on said data storage unit in response to receiving said data from said controller,~~

~~when said data is within a condition defined in said predefined control data; and~~

emitting a light from said light emitting unit,

wherein said light emitting unit emits a light with a color represented by [[of]] said predefined light profile ~~in response to receiving said predefined light profile.~~

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8. (Original) A method of claim 7 wherein said data is a location data, and said sensor is a GPS sensor.

9. (Original) A method claim of 7 wherein said data is a time data, and said sensor is a clock.

10. (Currently Amended) A monitored light control system, said system comprising:

a controller including:

a light control display; and

a wireless transceiver; and

a monitoring device;

a server including:

a data storage unit; and

a data transceiver,

wherein a plurality of predefined light profiles representing a preset color of light are stored in said data storage unit storing at least one predefined light profile; and

at least one light emitting unit,

wherein a first predefined light profile represents a first preset color of light emitted from said at least one light emitting unit in response to receiving said first predefined light profile from said server,

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wherein a second predefined light profile represents a second preset color of light emitted from said at least one light emitting unit in response to receiving said second predefined light profile from said server,

wherein said controller transmits a command requesting said predefined light profile to said server using said wireless transceiver,

when a button representing said predefined light profile is selected by touching said button from said light control display,

wherein said wireless transceiver is in wireless communication with said data transceiver,

wherein said monitoring device transmits a collected measurement data representing a physiological value to said server,

~~wherein said monitoring device detects a measurement data and transmits said measurement data to said server,~~

wherein said server receives said measurement data and compares said measurement data to a predefined control data stored in [[on]] said data storage unit,

wherein said predefined control data represents a preset value of physiological data,

~~wherein when said measurement data is outside a range defined in said predefined control data,~~ said server retrieves said predefined light profile from said data storage unit and transmits said predefined light profile to said light emitting unit,

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*Attorney
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when said measurement data matches ~~is outside a range defined in said~~
predefined control data,

wherein said light emitting unit emits a light with a color represented by [[of]]
said predefined light profile in response to receiving said predefined light profile from
said server.

11. (Original) The monitored light control system of claim 10 wherein said
measurement data is a blood pressure.

12. (Original) The monitored light control system of claim 10 wherein said light
emitting unit is light emitting diodes (LED).

13. (Original) The monitored light control system of claim 10 wherein said
predefined light profile is transmitted through WIFI connection.

14. (Previously Presented) The monitored light control system of claim 10
further including:

an audio device,

wherein said predefined light profile includes a sound profile,

wherein said audio device plays said sound profile in response to receiving said
predefined light profile from said server.

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REMARKS

The present application includes claims 1-15. Claims 1-15 were rejected. By this Amendment, claims 1, 6-7, 10, 15 have been amended.

Claims 1-6 were rejected under 35 U.S.C. §112, first paragraph, as being indefinite. Claims 1, 6 have been amended. Additionally, claims 2-5 depend from claim 1 and thus include all the limitations of claim 1. Consequently, it is respectfully submitted that the claims are in compliance with 35 U.S.C. §112, first paragraph. ✓

Claims 7-9 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite. Claim 7 has been amended. Additionally, claims 8-9 depend from claim 7 and thus include all the limitations of claim 7. Consequently, it is respectfully submitted that the claims are in compliance with 35 U.S.C. §112, second paragraph. ✓

Claims 1-9 were rejected under 35 U.S.C. §102(e) as being anticipated by Weaver, U.S. Pat. App. No. 2013/0043809.

Claims 10-15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Weaver, U.S. Pat. App. No. 2013/0043809, in view of Rahman, U.S. Pat. App. No. 2012/0316458.

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The Applicant now turns to the rejection of claims 1-9 under 35 U.S.C. § 102(e) as being anticipated by Weaver. Claims 1-9 include independent claims 1 and 7. In the interest of speedily advancing prosecution the Applicant has made substantive amendments to each of these independent claims to add additional limitations not taught by the prior art.

More specifically, Paragraphs 35-37 (also shown in Figure 2) of the present application teach a light control system utilizing a plurality of predefined light profiles stored in a server. In contrast, Weaver teaches a lighting node utilizing a color profile. However, Weaver does not teach a light control system utilizing a plurality of color profiles. This limitation has been added to independent claims 1 and 7.

As amended, claims 1 and 7 recite "a plurality of predefined light profiles" stored in a server where the predefined light profile represents a preset color of light emitted from a light emitting unit in response to receiving the predefined light profile from the server.

Accordingly, claims 1 and 7 are respectfully submitted to be free of Weaver and allowable. Additionally, claims 2-6, 8-9 depend from claims 1 and 7, respectively, and thus include all the limitations of claims 1 and 7. Consequently, claims 2-6, and 8-9 are also respectfully submitted to be allowable.

The Applicant now turns to the rejection of claims 10-15 under 35 U.S.C. § 103(a) as being unpatentable over Weaver in further view of Rahman. Claims 10-15 include independent claim 10. In the interest of speedily advancing prosecution the

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Applicant has made substantive amendments to each of these independent claims to add additional limitations not taught by the prior art.

More specifically, Paragraph 25 (also shown in Figure 1) teaches a light control system storing a plurality of predefined light profiles in a server which wirelessly communicates with a controller. In contrast, Rahman teaches a medical monitoring system utilizing a visual notification system. However, Rahman does not teach a wireless communicating server on which a plurality of predefined light profiles are stored.

Weaver does not teach a wirelessly communicating server on which a plurality of predefined light profiles are stored. As shown in Figure 1, a color profile 138 is stored in either a first memory 134 of the controller 130 or in a second memory 114 of the lighting node 110, not on a server that is wirelessly communicating with a controller.

Therefore, neither Rahman nor Weaver teaches a wireless communicating server on which a plurality of predefined light profiles are stored.

As amended, claim 10 recites "a server including a data transceiver" where a data transceiver "is in wireless communication with" a controller, and further recites "a plurality of predefined light profiles representing a preset color of light are stored in said data storage unit" where data storage unit is included in the server.

Accordingly, claim 10 is respectfully submitted to be free of Weaver in view of Rahman, and allowable. Additionally, claims 11-15 depend from claim 10, and thus include the limitation of claim 10. Consequently, claims 11-15 are also respectfully submitted to be allowable.

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In light of the aforementioned amendments and discussion, Applicant respectfully submits that the application is now in condition for allowance.

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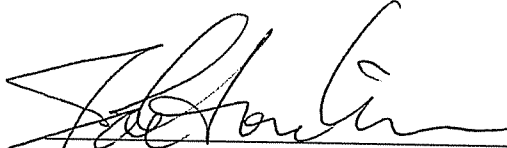
CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of Sungyeon & Adle, Account No. 4563.

Respectfully submitted,

Date: April 25, 2013


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