AMENDMENTS TO THE CLAIMS

Amend the claims as follows.

1. (Currently amended) A display system comprising:

a laser projector that projects light comprising a color image to be viewed onto a back side of a screen;

a reflective pattern printed on the back side of the screen;

a sensor that detects light reflected from the reflective pattern on the back side of the screen;

a processor in communication with the sensor, the processor controlling light projected from the laser projector based on data regarding the light detected from the sensor;

wherein the laser projector, sensor, and processor are all contained within a single housing, wherein the laser projector and the reflective pattern are located on a same side of the screen.

2. (Original) The display system of claim 1, wherein the housing is a cube.

3. (Original) The display system of claim 1, wherein the housing is hexagonal.

4. (Original) The display system of claim 1, wherein the screen has a front side that is visible to a viewer outside the housing.

5-8. (Canceled)

9. (Original) The display system of claim 1, wherein the processor controls light projected from the projector using a mapping software.

10. (Original) The display system of claim 9, wherein the mapping software locates the projected light on the screen using a coordinate system.

11. (Canceled)

12. (Currently amended) A multi-screen display comprising at least two individual display systems, each comprising:

a laser projector that projects light comprising a color image to be viewed onto a ~~the~~ back side of a screen;

a reflective pattern printed on the back side of the screen;

a sensor that detects light reflected from the reflective pattern on the back side of the screen;

a processor in communication with the sensor, the processor controlling light projected from the laser projector based on data regarding the light detected from the sensor;

wherein the laser projector, sensor, and processor are all contained within a single housing, wherein the laser projector and the reflective pattern are located on a same side of the screen.

13. (Currently amended) A multi-screen multi-projector display comprising at least two individual display systems, each comprising a laser projector that projects light comprising a color image to be viewed onto a the back side of a screen, the multi-screen display comprising;

a reflective pattern printed on the back o side f the screens;

a sensor that detects light reflected from the reflective pattern on the back side of the screens;

a processor in communication with the sensor, the processor controlling light projected from each laser projector based on data regarding the light detected from the sensor, wherein the laser projector and the reflective pattern are located on a same side of the screen.

14. (Original) The display of claim 13, wherein the processor controls light projected from each projector using a mapping software.

15. (Original) The display system of claim 14, wherein the mapping software locates the projected light on the screens using a coordinate system.

16. (Currently amended) The display system of claim 1, wherein ~~the laser projector is a pico-projector~~ the reflective pattern includes reference points for different screen resolutions.

17. (Currently amended) The display system of claim 14, wherein ~~the laser projector is a pico-projector~~ the reflective pattern includes reference points for different screen resolutions.

18. (Previously presented) The display system of claim 15, wherein ~~the laser projector is a pico-projector~~ the reflective pattern includes reference points for different screen resolutions.

19-21. (Canceled)

22. (New) The display system of claim 1, wherein the back side of the screen is not the viewing surface.

23. (New) The display system of claim 1, wherein the reflective pattern is not viewable from a front side of the screen.

24. (New) The display system of claim 1, wherein the reflective pattern is used to determine the position of the projected light on the screen.

25. (New) The display system of claim 1, wherein the sensor adjusts screen brightness in response to ambient conditions.

26. (New) The display system of claim 25, wherein the brightness is adjusted by changing the duty cycle of the laser projector.

27. (New) The display system of claim 25, wherein the brightness is adjusted by changing pixel fill levels.

28. (New) The display system of claim 1, wherein the reflective pattern comprises reference points corresponding to different screen resolutions.

29. (New) The display system of claim 1, wherein higher resolution data is displayed based on user proximity to the screen.

30. (New) The display system of claim 29, wherein based on user proximity to the screen, the resolution and the illumination change so that the projected light is less dense while the light output increases.

31. (New) The display system of claim 1, wherein the processor controls light projected from the projector to conserve energy by transmitting less light.

32. (New) The display system of claim 13, wherein the back side of the screen is not the viewing surface.

33. (New) The display system of claim 13, wherein the reflective pattern is not viewable from a front side of the screen.

34. (New) The display system of claim 13, wherein the reflective pattern is used to determine the position of the projected light on the screen.

35. (New) The display system of claim 13, wherein the screens are connected to each other.

36. (New) The display system of claim 35, wherein the connection between each screen is a hinged connection.