CLAIMS

1. A rectangular protective apparatus comprising:

a transparent shield component;

a handle component located about a rectangular perimeter of the transparent shield component and further comprising a connecting aspect;

a camera communicatively connected to a display screen, wherein the camera and the display screen are physically attached to the protective apparatus;

at least three linear rows of light emitting diodes, wherein three or more sides of the protective apparatus comprise at least one linear row of light emitting diodes of the at least three linear rows of light emitting diodes, wherein said protective apparatus is operatively attached to an articulating mechanical arm, wherein said protective apparatus further comprises four junctures where four sides of the protective apparatus adjoin, and wherein the four junctures comprise one or more juncture light emitting diodes at each of the four junctures;

a control console comprising:

a first control component to control power to the at least three linear rows of light emitting diodes;

a second control component to control color of light emitting from the light emitting diodes comprising the at least three linear rows of light emitting diodes;

a third control component which, upon manipulation thereof, increases intensity of the light emitted from the at least three linear rows of light emitting diodes; and

a fourth control component which, upon manipulation thereof, decreases the intensity of the light emitted from the at least three linear rows of light emitting diodes; and

a second control console comprising four control components wherein:

a first control component of said second control console controls power to the one or more juncture light emitting diodes located at each of the four junctures;

a second control component of said second control console controls color of the one or more juncture light emitting diodes located at each of the four junctures;

a third control component of said second control console, upon manipulation thereof, increases the intensity of the light emitted from the one or more juncture light emitting diodes located at each of the four junctures; and

a fourth control component of said second control console, upon manipulation thereof, decreases the intensity of the light emitted from the one or more juncture light emitting diodes located at each of the four junctures.

2. The apparatus of claim 1, wherein the light emitted from the at least three linear rows of light emitting diodes comprises cool white light, warm white light, a combination of cool and warm white light, amber light, or blue light.

3. The apparatus of claim 1, wherein the light emitted from the one or more juncture light emitting diodes located at each of the four junctures comprises cool white light, warm white light, or a combination of cool and warm white light.

4. The apparatus of claim 1 wherein the camera is operatively attached to the handle component along the perimeter and integrated into the protective apparatus.

5. The apparatus of claim 4, wherein the display screen is operatively attached to the handle component along the perimeter and is integrated into the protective apparatus.

6. The apparatus of claim 1, wherein the camera is connected to the protective apparatus by a joint or hinge.

7. The apparatus of claim 1, wherein the connecting aspect comprises a substantially cylindrical aperture comprising an inside diameter of approximately five inches.