16. The device as claimed in claim 1:

wherein person to be shaded as claimed in claim1 also refers to animals and objects to be protected from sun and wherein shading device is used for shading and comfort of players in stadium, horses and animals in race course, shading recreating people on beach in hot climates, construction workers in building by using one of cantilever support based shading unit on building, roads and towers in sea rigs and large ship platform, agriculture and farm workers on land.

17. The device as claimed in claim 1:

wherein cables have color coding with connector sockets also color coded to enable easy assembly and correct attachment of drive cables to its correct drive spool, as large number of cables are involved.

18 A method of shading people in large open area at low cost and low energy consumption, using shading units of small size being a few times more than size of person shaded, held at large height without obstruction to view, by matching shading unit position to get shade pattern of small required area on ground corresponding to pattern of presence of persons to be shaded with said pattern of presence of person captured as image by camera on gimbal and image of shading units captured by camera on gimbal as feedback to enable correct positioning of shading unit subjected to wind at large heights.

19. A device to provide protection and comfort from bright hot sunshine in large open area and locally cool the place of persons presence thereby prevent health hazards of bright sun shine like skin cancer and allergy and avoid discomfort of work and play, at

16. ~~The device as claimed in claim 1:~~

~~The device as claimed in claim 1:~~ A method of providing shade by using the device ~~Wherein person to be shaded~~ as claimed in claim1 to provide shade ~~also refers~~ to animals and objects to be protected from sun ~~and wherein shading device is used for~~ ~~shading and comfort of players in stadium~~, horses and other animals in race course, shading recreating people on beach in hot climates and wherein the above method is used for shading construction workers in building by using one of cantilever support based shading unit on building, construction workers on roads and workers on towers in sea rigs, and in ~~large~~ ship platform, agriculture and farm workers on land.

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17. The device as claimed in claim 1:

wherein cables have color coding with connector sockets also color coded to enable easy assembly and correct attachment of drive cables to its correct drive spool, as large number of cables are involved.

18 A method of shading people in large open area at low cost and low energy consumption, using shading units of small size being a few times more than size of person shaded, held at large height without obstruction to view, by matching shading unit position to get shade pattern of small required area on ground corresponding to pattern of presence of persons to be shaded with said pattern of presence of person captured as image by camera on gimbal and image of shading units captured by camera on gimbal as feedback to enable correct positioning of shading unit subjected to wind at large heights.

19. A device to provide protection and comfort from bright hot sunshine in large open area and locally cool the place of persons presence thereby prevent health hazards of bright sun shine like skin cancer and allergy and avoid discomfort of work and play, at