The upper body mounted cooling device is ideal for anyone who suffers from hot flashes, due to menopause, it can be used for any indoor or outdoor sporting event like football, soccer or baseball or just for someone who likes to keep cool, the device can be attached to any part of the user’s clothes.
UPPER BODY MOUNTED COOLING DEVICE

FIELD OF INVENTION

[0001] The present invention relates generally to a wearable personal upper body mounted cooling device for someone who is suffering from hot flashes due to menopause. The device has clamps, to allow the user’s to mount it to any part of their clothes.

BACKGROUND OF THE INVENTION

[0002] Individuals who suffer from hot flashes due to menopause, often wish to be cool especially in the summer time, the desire to remain cool may raise from being outdoors or indoors, while walking or just simply attending a sporting event. Traditional cooling device, intake warm air and blows is directly on the user’s body, the devices are generally heavy and bulky when worn by the user’s, which in turn is worn for a short time period, the upper body mounted cooling device is designed to mount to any part of the user’s upper body clothing, it is design not to be heavy or bulky to the user’s, it is not limited to the head or shoulders of the user’s the upper body cooling device is capable of attaching to any part of the user’s clothes, the user can be at a sporting event, sitting next to someone in clamp one end of the upper body cooling device to them and the other end to themselves.

[0003] U.S. Pat. No. 8,230,852, discloses is a shoulder mounted hood cooling device, The device includes a support blower carried by a supported and vents in which the fluid communicate with the blower. This device is for arc flash protection, (arc flash is an electrical explosion) The shoulder mounted hood cooling device is not intended for the ordinary individuals to use, it is designed and intended for train profession who works with the possibility of an arc flashes accident happening.

[0004] U.S. Pat. No. 6,189,327 disclose the evaporative personal cooler, the device includes at least one heat dispatching member that is engaged against the user’s body to absorb heat, the device has an liquid-wickable surface a liquid-retainable material disposed to contact at least one region of said heat dispatching member. This device allows the user body to heat up, before it become use for, meaning the user’s to have to become hot, an order for the evaporative personal cooling device, to evaporate the user’s heated body, anyone who suffering from hot flashes due to menopause, do not wish to be hot at all, because their body has become very sensitive to heat, so this device would not be ideal for anyone who suffers from hot flashes due to menopause.

SUMMARY OF THE INVENTION

[0005] The present invention seeks to provide a solution to help with Menopause problems (hot flashes) by providing the UPPER BODY MOUNTING COOLING DEVICE, With an ice pack compartment where icepack are use as a source to cool the user’s, other source can be use as well as alternative to the ice pack, example a small sponge, if a sponge become wet with water and dish detergent, and then frozen it will act as an ice pack and will keep anything cool just as an ice pack will, which is a good alternative source to the ice pack.

[0006] an a cooling fan that can constantly blow cool breeze directly on the user’s body as long as the user’s kept the ice pack compartment with ice pack.

[0007] also the user’s do not have to carry a heavy bulky object around filled with liquid, that could possibly wet their clothes, are wait for their body perspire. The upper body mounted cooling device is lightweight so the user’s can mount it to there clothes, with the clamps.

[0008] the user’s can also use the adjustable arm to allow more cool air to reach their face by lifting the arm upward to the user’s face, the adjustable arm moves upwards and downward it resemble the human elbow .

[0009] the device also comes with control switches so the user’s can control the speed of the air flow of the device

[0010] the device can be worn in traditional fashion, which is around both shoulder and neck.

[0011] the device is not limited to the traditional fashion of just wearing it around both shoulder and neck, it can be attached to any part of the user’s clothes, “for example” the user’s can mounted the device on a single shoulder and draped it down their back and chest by using the clamp on both end of the device.

BRIEF DESCRIPTION OF DRAWING

[0012] FIG. 1 is a drawing of a motor and wires for the power supply, for the upper body mounted cooling device.

[0013] FIG. 2 is a drawing of the power supply on and off switch with adjustable setting.

[0014] FIG. 3 is a drawing of a fan unit

[0015] FIG. 4 is a drawing of all the items connected together, the motor, the power supplies and the fan unit.

[0016] FIG. 5 is a drawing of the ice compartment unit.

[0017] FIG. 6 is a drawing of the fan, blowing air off the ice pack and through the ice pack compartment.

[0018] FIG. 7 is a drawing showing the whole unit connection sequence.

[0019] FIG. 8 is a drawing showing the back view of the whole unit, which shows the attaching clamps on both end of the body.

[0020] FIG. 9 is a front view of the upper body mounted cooling device, it showing the air holes, the dividing line of the movable part of the device.

[0021] FIG. 10 is a view of the upper body mounted cooling device showing the attaching clamps the movable parts and the dividing lines of the device.

[0022] FIG. 11 is a front view of the upper body mounted cooling device being worn, showing the air flow the dividing line of the adjustable arm on the left side of the shoulder when the arm is clamped down and the dividing lines of the ice compartment and adjustment setting on the right side.

[0023] FIG. 12 is a side view of the upper body mounted cooling device, showing air flow and a view of the adjustable arm and clamps.

[0024] FIG. 13 is a front view of the upper body mounted cooling device being worn, showing the adjustable arm in the up right position, and air flowing across the user’s neck and face.

[0025] FIG. 14 is a side view of the upper body cooling device with the adjustable arm in the up position.

DETAIL DESCRIPTION

[0026] FIG. 1-14 discloses an upper body mounted cooling device #13 that is discuss in the brief description of the drawing above.

[0027] a motor #1 to help power all electrical parts, in order for the upper body cooling device to function.

[0028] an adjustment switches to turn the device on and off control the air speed of the device #4
[0029] an ice pack compartment #10 to store the ice pack.
[0030] a fan #7 to blow the cold air off the ice pack.
[0031] a vent #9 so the cold air from the ice pack can go through and reach the users.
[0032] an adjustable arm, so the menopause user’s can move the arm up closer to their face to help them get more relief from their hot flashes if they desire to do so, or just keep it in the downward position, the adjustable arm works like a human elbow.
[0033] clamps #2 is on both end of the upper mounted cooling device, so a younger user’s who is attending a sporting event can attach them to any part of their clothes, if they desire to do so.

1. Upper body mounted cooling device capable of mounting to any part of the user’s clothing by comprising;
   A. The device is equipped with support structure that stores the pack compartment.
   B. battery operated power supply system and a blower that is attached to the power supply.

2. The device of claim 1, uses ice pack as a cooling source, but not limited to using other source
   A. a small sponge that has been damp in water and dish detergent and afterward frozen is a good alternative source.

3. The device of claim. Uses the blower to blow air through the attached ice pack compartment and out the vent holes.

4. The device of claim 1 includes an adjustable control switches.

5. The device of claim 1 includes clamps on both ends underneath the device body, which allows the device to be mounted to any part of the user’s clothes.

6. The device of claim 1 includes an adjustable arm, capable of moving upward, downward and sideways, resembling the movement of the human elbow.

7. The device of claim 1 is capable of mounting around the neck and both shoulders of the user clamp or unclamp to the user’s clothes.

8. The device of claim 1 is capable of mounting underneath the user’s clothes, hanging over one shoulder and draped downwards over the back and the chest of the user, causing the air to travel across to the other side of the user’s body and still have air blowing to the user’s face.

9. The device of claim 1 the adjustment arm is on one end of the device, and the power supply and ice compartment are on the other end sharing the same side, but opposite of the adjustment arm but the device can be design for both ends to have adjustable elbow or everything on one side of the device.

10. The upper body mounted cooling device could be used without ice pack, like the tradition cooling fan.

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