VENTILATED WELLINGTON BOOTS

Abstract

The boot is constructed of a durable and water-impervious rubber or flexible plastic material and preferably has a thick, hard sole and a reinforced, optionally elevated, heel. The boot extends up to cover the mid or upper calf of the user. The calf region, optionally only the calf region, and optionally other regions or all regions of the boot, is punctured by a plurality of ventilation holes, thus permitting the user's lower legs and feet to vent heat.
VENTILATED WELLINGTON BOOTS

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[0002] Not Applicable

PARTIES TO A JOINT RESEARCH AGREEMENT

[0003] Not Applicable

REFERENCE TO SEQUENCE LISTING, A TABLE, OR A COMPUTER PROGRAM LISTING COMPACT DISK APPENDIX

[0004] Not Applicable

BACKGROUND OF THE INVENTION

[0005] The invention relates generally to footwear and in particular to gardening footwear. The Wellington boot is well known as an impervious boot for use in gardening and outdoor work applications. The conventional Wellington boot is watertight and tough, which keeps the user’s feet clean and protected against poisonous vegetation or animals, insects, and mechanical injury. The conventional Wellington boot suffers the drawback that it is not breathable and prevents the user from being able to vent heat through his or her feet naturally. This can lead to dehydration, heat exhaustion, hyperthermia, and other acute heat-related conditions. A ventilated boot would permit a user to have a substantial measure of protection from mud, insects, and natural poisons while permitting the user’s lower legs and feet to release heat, thereby extending the user’s outdoor working time.

SUMMARY OF THE INVENTION

[0006] Accordingly, the invention is directed to a ventilated gardening or outdoor work boot. The boot is constructed of a durable and water-impervious rubber or flexible plastic material and preferably has a thick, hard sole and a reinforced, optionally elevated, heel. The boot extends up to cover the mid or upper calf of the user. The calf region, optionally only the calf region, and optionally other regions or all regions of the boot, is punctured by a plurality of ventilation holes, thus permitting the user’s lower legs and feet to vent heat.

[0007] Additional features and advantages of the invention will be set forth in the description which follows, and will be apparent from the description, or may be learned by practice of the invention. The foregoing general description and the following detailed description are exemplary and explanatory and are intended to provide further explanation of the invention.

BRIEF DESCRIPTION OF THE DRAWING

[0008] The accompanying drawing is included to provide a further understanding of the invention and is incorporated into and constitutes a part of the specification. It illustrates one embodiment of the invention and, together with the description, serves to explain the principles of the invention.

[0009] The FIGURE is a side view of the first exemplary embodiment, displaying the boot 10, the calf portion of the boot 10A, and the ventilation holes 11.

DETAILED DESCRIPTION OF THE INVENTION

[0010] Referring now to the invention in more detail, the invention is directed to a ventilated gardening or outdoor work boot. The boot 10 is constructed of a durable and impervious rubber or flexible plastic material and preferably has a thick, hard sole and a reinforced, optionally elevated, heel. The boot 10 extends up to cover the mid or upper calf of the user in the calf region 10A. The calf region, optionally only the calf region 10A, and optionally other regions or all regions of the boot 10, is punctured by a plurality of ventilation holes, thus permitting the user’s lower legs and feet to vent heat.

[0011] The boot 10 may be provided in varying styles, colors, patterns, calf heights, etc. Similarly, the ventilation holes may be made in varying sizes, quantities, and densities. Optionally, the ventilation holes 1 may be left open (not filled with any material) or filled with a breathable fabric or mesh.

[0012] Components, component sizes, and materials listed above are preferable, but artisans will recognize that alternate components and materials could be selected without altering the scope of the invention.

[0013] While the foregoing written description of the invention enables one of ordinary skill to make and use what is presently considered to be the best mode thereof, those of ordinary skill in the art will understand and appreciate the existence of variations, combinations, and equivalents of the specific embodiment, method, and examples herein. The invention should, therefore, not be limited by the above described embodiment, method, and examples, but by all embodiments and methods within the scope and spirit of the invention.

1 claim:
1. A ventilated wellington boot comprising a boot; said boot being made of a water-impervious material; said boot having a calf region; said boot being pierced by a plurality of holes located in at least said calf region.
2. The ventilated wellington boot of claim 1 wherein said plurality of holes is located only in said calf region.
3. The ventilated wellington boot of claim 1 wherein said plurality of holes is located over all regions of said boot.
4. The ventilated wellington boot of claim 1 wherein said plurality of holes is left open.
5. The ventilated wellington boot of claim 1 wherein said plurality of holes is filled with a breathable material.
6. The ventilated wellington boot of claim 2 wherein said plurality of holes is left open.
7. The ventilated wellington boot of claim 2 wherein said plurality of holes is filled with a breathable material.
8. The ventilated wellington boot of claim 3 wherein said plurality of holes is left open.
9. The ventilated wellington boot of claim 3 wherein said plurality of holes is filled with a breathable material.

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