CLAIMS

What is claimed is:

~~Claim 1. A slip resistant footwear outsole comprising:~~

~~a plurality of surface engaging tread members, said tread members being arranged in a pattern which directs fluids, on a surface, away from the surface engaging portions of said tread members;~~

~~said tread members including a base and a plurality of projections extending away from said base toward a surface onto which said outsole will be in contact with, said projections including an upper surface which contacts a surface onto which said outsole will be in contact with.~~

Claim 1. A slip resistant footwear outsole 12 comprising:

an outsole 12 for a slip resistant article of footwear, said outsole including a plurality of integrally molded chevron shaped treads 16 projecting outwardly from said outsole, each said tread 16 including a base portion 18 having said chevron shape, said base portion 18 forming about half of a height of said tread 16, sidewalls of said base portion being oriented substantially perpendicular with respect to an outermost ground engaging surface of said outsole, a plurality of projections 20 extending outwardly from said base portion 18 in a double chevron pattern, said double chevron pattern of projections 20 being spaced apart to form a longitudinal channel 22 therebetween, a side surface of each projection 20 being substantially aligned with at least one side surface of said base portion 18, an outermost surface of said projections defining the height of said treads 16 and forming a ground engaging surface of said treads 16, a first of said plurality of projections 25 being substantially square in shape when viewed from the top, said first

projection 25 positioned at an apex of said chevron shaped base 18 having two sides substantially aligned with a side surface of said base portion 18, a transverse channel 24 positioned on the two opposite sides, said longitudinal and said transverse channel 22, 24 intersecting, at least one second projection 26 positioned on each of said two opposite sides spaced apart from said first projection 25, each said second projection 26 being rectangular in shape when viewed from the top, a longer side of said second rectangular projection 26 being substantially aligned with said side surface of said base portion 18, a chevron shaped third projection 30, said third projection 30 having an inner apex, said third projection inner apex being substantially aligned with an inner apex of said base, a pair of opposite sides of said third projection forming a portion of said longitudinal channel 22, said third projection 30 including a pair of end surfaces, said end surfaces forming a portion of said transverse channel.

Claim 2. The slip resistant footwear outsole 12 of claim 1 including a pair of fourth projections 28, said fourth projections 28 positioned in substantial alignment with said second projections 26, each said fourth projection 28 having a side surface substantially aligned with a side surface of said base portion 18, each said fourth projection 28 having an end surface substantially aligned with an end surface of said base portion 18, a transverse channel 24 positioned between an end surface of each said second projection 26 and an end surface of each said fourth projection 28.

Claim 3. The slip resistant footwear outsole 12 of claim 2 including a pair of fifth projections 32, said fifth projections 32 positioned in substantial alignment with the arms of said third projection 30, each said fifth projection 32 having a side surface substantially aligned with a side

surface of said base portion 18, each said fifth projection 32 having an end surface substantially aligned with an end surface of said base portion 18, a transverse channel 24 positioned between an end surface of each said arm of said third projection 30 and an end surface of each said fifth projection 32.

Claim ~~2~~ 4. The slip resistant footwear outsole 12 of claim 1, ~~wherein said tread members are chevron shaped and said pattern of said tread members is~~ including a plurality of ~~said chevrons~~ chevron shaped treads 16 whose ~~points~~ apexes are arranged in a direction to face toward a front of said outsole 12.

~~Claim 3. The slip resistant footwear outsole of claim 1 including a plurality of channels on said tread members, said channels extending longitudinally and laterally of said projections on said tread members.~~

Claim ~~4~~ 5. The slip resistant footwear outsole of claim 1, wherein said first, second and third projections 25, 26, 30 each include at least one perimeter edge 36, said at least one perimeter edge 36 being constructed and arranged to ~~prevent flexing of said projections and~~ direct fluids on a floor surface away from an upper surface 34 of said first, second and third projections 25, 26, 30 and into said longitudinal and transverse channels 22, 24 which extend between said projections.

~~Claim 5. The slip resistant footwear outsole of claim 2 wherein said projections on each said tread member include at least one said projection which is square in cross section, at least~~

~~one said projection which is rectangular in cross section and at least one said projection which is L shaped in cross section.~~

~~Claim 6. The slip resistant footwear outsole of claim 5 wherein said at least one square shaped projection is located at the point of said chevron, at least two of said rectangular shaped projections extend from said square shaped projection along the arms of said chevron.~~

~~Claim 7. The slip resistant footwear outsole of claim 6 wherein said L shaped projection is located behind said square projection in the direction of a heel of said footwear.~~

Claim ~~8~~ 6. The slip resistant footwear outsole 12 of claim 1 including a heel 14 secured to said outsole 12, said heel including a plurality of surface engaging tread members 16.

Claim ~~9~~ 7. The slip resistant footwear outsole 12 of claim ~~8~~ 6 wherein said tread members on said heel 14 are chevron shaped and ~~said~~ a pattern of said tread members on said heel 14 is a plurality of chevrons whose ~~points~~ apexes are oriented in a direction to point toward a front of said outsole 12.

Claim ~~10~~ 8. The slip resistant footwear outsole 12 of claim ~~8~~ 6 including an area on said outsole 12 between a forward portion and said heel 14 which does not have tread members secured thereto.