CLAIMS

1. A ventilated shoe, comprising a sole (11) and an upper assembly (12) associated therewith in an upward region, said shoe (10) being characterized in that said upper assembly (12) comprises:

– an external upper (13), with which an inner lining (14) is associated which is constituted at least partly by a first element (16a) that defines at least one interspace (17a) that separates the foot of the user from said external upper (13) and is provided with passages for movement of sweat away from the foot of the user toward the upper external edge (20) of said shoe (10), said first element (16a) being constituted by a first fabric wherein the first fabric is a three-dimensional fabric for enabling the flow of air both transversely and longitudinally therein; and

– a breathable insole (15), joined perimetrically at least to said inner lining (14) characterized in that said passages are defined by a series of channels (24) for the passage of sweat in the vapor phase and that said insole (15) is constituted by a second element (16b), said second element (16b) being constituted by a second fabric without channels.

2. The shoe according to claim 1, characterized in that said second element (16b) defines at least one interspace (17b) that spaces the foot of the user from said sole (11).

3. The shoe according to claim 1, characterized in that said channels (24) are defined by a series of parallel ridges (25).

4. The shoe according to claim 1, characterized in that said sole (11) is substantially waterproof and breathable, comprising a structural layer (21) made of polymeric material provided with a series of through holes (22) with which a waterproof and breathable functional element (23) is coupled in an upward region, said insole (15) being superimposed on said functional element (23).

5. The shoe according to claim 4, characterized in that said functional element (23) has a stratified and cohesive monolithic sheet-like structure

which is made of polymeric material that is impermeable to water in the liquid state and is permeable to water vapor.

6. The shoe according to claim 1, characterized in that the region of said external edge (20) is made of perforated and breathable material.

7. The shoe according to claim 3, characterized in that said first fabric comprises:

– a first layer (26a), which is internal and directed toward the foot of the user, which is breathable and adapted to direct the sweat, in the liquid phase and in the vapor phase, away from the foot of the user of a said shoe (10),

– a second layer (27a), which is intermediate and spacing, defines said interspace (17a), and comprises said ridges (25), for the transfer of sweat in the liquid phase and in the vapor phase from said first layer (26a) toward said external upper (13), said ridges (25) being alternated with said channels (24) for the transfer of sweat in the vapor phase toward said external edge (20),

– a third layer (28a), which is external and breathable and which, with said first layer (26a), encloses in a sandwich-like manner said second layer (27a), interposing itself between the latter and said external upper (13),

said first layer (26a), said second layer (27a) and said third layer (28a) being joined to form a single body.

8. The shoe according to claim 1, characterized in that said second fabric comprises:

– a first upper and breathable layer (26b), which is adapted to direct the sweat, in the liquid phase and in the vapor phase, moving away from the foot of the user of a said shoe (10),

– a second intermediate and spacing layer (27b), which defines said interspace (17b), for transfer of the sweat from said first layer (26b) toward said sole (11) and toward said interspace (17a) of said first element (16a),

– a third external and breathable layer (28b), which together with said first

layer (26b) encloses in a sandwich-like manner said second layer (27b), interposing itself between the latter and said sole (11),

said first layer (26b), said second layer (27b) and said third layer (28b) being joined to form a single body.

9. The shoe according to claim 7 or 8, characterized in that said first layer (26a, 26b) and said second layer (27a, 27b) are substantially hydrophobic.

10. The shoe according to claim 7 or 8, characterized in that said third layer (28a, 28b) is substantially hydrophobic.

11. The shoe according to claim 7 or 8, characterized in that said third layer (28a, 28b) is substantially hydrophilic.

12. The shoe according to claim 7, characterized in that at least one between said first layer (26a) and said third layer (28a) is napped, having a surface with a velvet-like appearance.