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### (12) United States Patent

### Nelson et al.

## (54) VERTICAL HANGING FABRIC PLANT CONTAINER

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### Related U.S. Application Data

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- (51) Int. Cl. A01G 9/02 (2006.01)

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### (57) ABSTRACT

A plant container or planter fabricated from a breathable, flexible, geo-textile, material such as recycled polyester needle-punched felt, which is self-supporting without an internal support structure. The geo-textile material is porous to both air and water, which allows air-born nutrients to pass to the roots and inhibit the ability of mold species to grow and harm the plant. The geo-textile material is configurable to various container designs that permit the non-conventional plant placement including the mounting of the plant containers on vertical surfaces, flat surfaces, and by suspension from ceilings and walls. The inclusion of a flexible, durable, impermeable, water-retaining recycled rubber, vinyl, or plastic bottom and/or backing liner in the construction of the plant containers/hangers allow the planters to be placed on indoor and outdoor surfaces such as wood, stucco, wallboard, carpet, and various other surfaces which might otherwise be damaged by moisture.

### 28 Claims, 19 Drawing Sheets

