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Townsend et al.

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(54) **PROSTHETIC FOOT**

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(52) **U.S. Cl.** 623/52; 623/49; 623/55

(58) **Field of Classification Search** 623/49, 623/52, 47, 53, 55
See application file for complete search history.

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(57) **ABSTRACT**

A prosthesis is disclosed for improving the gait and comfort qualities of the amputee that participates in walking, running and jumping activities. A foot and an ankle of the prosthesis are monolithically formed as a resilient member including a strut which forms an ankle joint. A hole extends through the resilient member with the periphery of the hole forming an anterior side surface of the strut. The resilient member anterior to the hole includes a gap to permit motion about the ankle joint axis while providing a stop in dorsiflexion. The hole is elongated upwardly such that the strut is upstanding and anterior convexly curved.

21 Claims, 17 Drawing Sheets

