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Coleman Boone et al.

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(54) **SYSTEM TO ASSESS ACTIVITY LEVEL OF A USER**

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This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A pedometer that records the number of steps over a defined period of time and a moment sensor that records the moments experienced by a prosthesis are used in a networked computer environment to assess the functional activity level and instability of a lower limb amputee. The networked environment may include a user computer and a server computer in communication through the Internet. Both the user computer and the server computer include a functional assessment tool and a stability assessment tool. The tools on the user computer and server computer cooperate in assessing the activity level and the instability of a lower limb amputee. The server computer may further host a Website and a secure online database that provides support to the user including the managing of clients and their medical records.

10 Claims, 20 Drawing Sheets

