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**Schmidt**

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(54) **WEARABLE PHOTOTHERAPY APPARATUS**

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(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(57) **ABSTRACT**

Embodiments enables a wearable phototherapy apparatus that produces beneficial effects to a human body such as activation of stem cells, improvement in strength, improvement in stamina, pain relief via a non-transdermal container. May include an optional transdermal container that releases or increases copper peptide GHK-Cu in a subject's body. The non-transdermal apparatus reflects or emits specific wavelengths of light to elevate levels of the copper peptide GHK-Cu in the body. The non-transdermal apparatus includes one or more materials that prevent the Left-Handed molecule from direct contact with the body while the enclosure is coupled to the body and prevents the Left-Handed molecules from entering the body.

**19 Claims, 11 Drawing Sheets**

