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(54) **SPACE-BASED STRUCTURES AND METHODS OF DELIVERING SPACE-SOURCED MATERIALS**

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See application file for complete search history.

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(57) **ABSTRACT**

A method is provided for processing extraterrestrial metal into a metal foam or gossamer structure in space, and delivering the metal foam or gossamer structure intact to the Earth's surface. Additionally, a structure is provided that is formed in space and consists essentially of an extraterrestrial metal.

11 Claims, 3 Drawing Sheets

