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(54) **Title:** GEOLOGIC MATERIAL REMOVAL SYSTEM

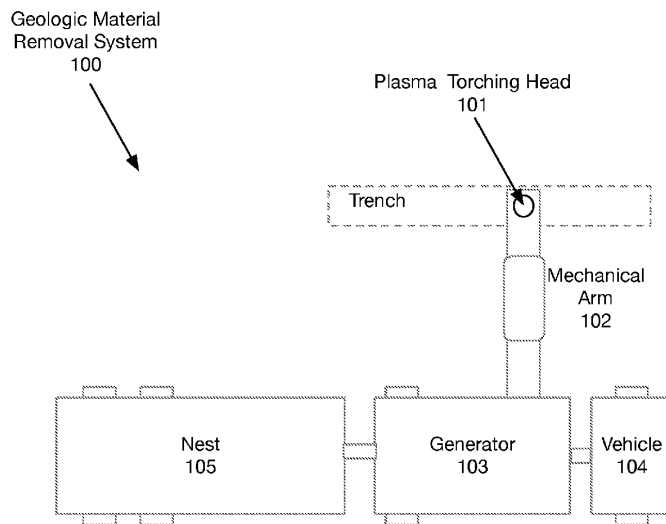


Fig. 1A

(57) **Abstract:** A plasma excavation system comprising a moveable support structure including a controller, an attachment mechanism removably coupled to the moveable support structure, and a plasma torching head coupled to the attachment mechanism, the plasma torching head moveable along two axes.

[Continued on next page]

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