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McPheeters et al.(10) **Pub. No.: US 2024/0213919 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **CABLE HOLDER ASSEMBLIES FOR A
SOLAR PANEL SYSTEM**(71) Applicant: **Sunrun South LLC**, San Luis Obispo,
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Cruz, CA (US)(21) Appl. No.: **18/535,629**(22) Filed: **Dec. 11, 2023****Related U.S. Application Data**

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(57)

ABSTRACT

Wire or cable holder assemblies employed in a solar power system are disclosed. In some embodiments, an assembly could include a cap and a base configured with channels. When the cap and the base are clamped to an object (e.g., a solar module frame), enclosures defined by the channels and a surface of the solar frame module are formed to hold cables. In some embodiments, an assembly could include a plunger with at least one leg and a base that includes a receptacle for receiving the plunger and a hook for holding electrical cables. A leg include a rack having teeth adapted to fall into notches or spaces formed by complementary teeth of a pawl found in the receptacle that forms a ratchet which permits insertion of the plunger into the receptacle but not an extraction. If extraction is desired, an external force may be applied to release the pawl.

