



US 20240213749A1

(19) **United States**

(12) **Patent Application Publication**  
**Finn, III et al.**

(10) **Pub. No.: US 2024/0213749 A1**

(43) **Pub. Date: Jun. 27, 2024**

(54) **GROUNDABLE FOLDABLE ELECTRICAL  
CABLE CLAMP**

(71) Applicant: **Genwire LLC**, Black Diamond, WA  
(US)

(72) Inventors: **James Henry Finn, III**, Graham, WA  
(US); **Fraser McKay**, Black Diamond,  
WA (US)

(73) Assignee: **Genwire LLC**, Black Diamond, WA  
(US)

(21) Appl. No.: **18/599,090**

(22) Filed: **Mar. 7, 2024**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 18/210,912,  
filed on Jun. 16, 2023, now Pat. No. 11,936,171,  
which is a continuation of application No. 17/863,  
060, filed on Jul. 12, 2022, now Pat. No. 11,682,886.

**Publication Classification**

(51) **Int. Cl.**  
**H02G 3/04** (2006.01)  
**F16B 2/06** (2006.01)  
**H02G 3/08** (2006.01)  
(52) **U.S. Cl.**  
CPC ..... **H02G 3/0406** (2013.01); **F16B 2/06**  
(2013.01); **H02G 3/08** (2013.01)

(57) **ABSTRACT**

Disclosed are methods and apparatus for providing and installing electrical wire connector clamps that may be inserted into knockout holes of an electrical box or panel, that are capable of holding multiple wires or cables, that may be run through the connector before it is slotted into the knockout hole, that may be used to ground the incoming cable to the electrical box or panel, and that use only a minimal amount of interior space of the electrical box or panel. Embodiments of the present invention include semi-cylindrical units that may be folded together around one or more wires for secure engagement of the wires to the knockout hole of an electrical box or panel, the units including a conductive metallic member extending from the inside of the unit to the outside of the unit to provide grounding between a cable or conduit inside the unit and the box or panel into which the unit is inserted.

