

(12) **United States Patent Wells**

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(54) **FLUID CONNECTOR WITH A HOSE CUTTING CLIP**

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(71) Applicant: **Eaton Corporation**, Cleveland, OH (US)

(58) **Field of Classification Search**
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(72) Inventor: **Michael P. Wells**, Bowling Green, OH (US)

See application file for complete search history.

(73) Assignee: **Eaton Corporation**, Cleveland, OH (US)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Primary Examiner — Ryan J Walters

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(74) *Attorney, Agent, or Firm* — Fishman Stewart PLLC

Related U.S. Application Data

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(57) **ABSTRACT**

An electrically conductive hose cutting clip has at least one end tab that is shaped to provide a cutting edge for penetration of the inner layer(s) of a multiple layer fluid conveyance hose when it is clipped onto a fluid connector and the hose is installed on the fluid connector by forcing it onto the connector. The cutting action by the cutting clip provides for a relatively low resistance electrical connection between an electrically conductive layer of the hose and the fluid connector. This can be used to provide a signal path from a sensing element on or in the hose to a system electronic component.

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7 Claims, 3 Drawing Sheets

