



US009357631B2

(12) **United States Patent**
Ho et al.

(10) **Patent No.:** **US 9,357,631 B2**
(45) **Date of Patent:** **May 31, 2016**

(54) **FLEXIBLE PRINTED CIRCUIT BOARD AND METHOD FOR MAKING SAME**

2203/0221 (2013.01); H05K 2203/095 (2013.01); H05K 2203/1194 (2013.01)

(71) Applicants: **FuKui Precision Component (Shenzhen) Co., Ltd.**, Shenzhen (CN); **Zhen Ding Technology Co., Ltd.**, Tayuan, Taoyuan (TW)

(58) **Field of Classification Search**
None
See application file for complete search history.

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(73) Assignees: **FuKui Precision Component (Shenzhen) Co., Ltd.**, Shenzhen (CN); **Zhen Ding Technology Co., Ltd.**, Tayuan, Taoyuan (TW)

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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 2 days.

(21) Appl. No.: **14/162,769**

(Continued)

(22) Filed: **Jan. 24, 2014**

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(65) **Prior Publication Data**

US 2015/0034364 A1 Feb. 5, 2015

TW	248190	M	10/2004
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TW	201206332	A	2/2012

(30) **Foreign Application Priority Data**

Jul. 31, 2013 (CN) 2013 1 03277488

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(51) **Int. Cl.**

H05K 1/02 (2006.01)

H05K 1/03 (2006.01)

H05K 3/28 (2006.01)

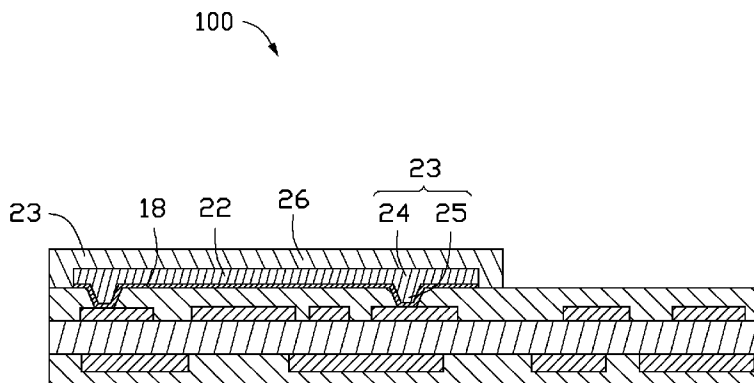
(57) **ABSTRACT**

An FPCB includes a flexible base, a wiring layer formed on a top surface of the base, a covering layer formed on the wiring layer, and a shielding layer formed on a portion of the covering layer. The wiring layer includes a grounding line. The covering layer defines an opening to expose the grounding line to the outside. A portion of the shielding layer fills into the opening. The shielding layer is electrically connected to the grounding line through the opening.

(52) **U.S. Cl.**

CPC **H05K 1/0215** (2013.01); **H05K 1/0216** (2013.01); **H05K 1/0393** (2013.01); **H05K 3/288** (2013.01); **H05K 2201/0116** (2013.01); **H05K 2201/0145** (2013.01); **H05K 2201/0154** (2013.01); **H05K 2201/2009** (2013.01); **H05K**

12 Claims, 11 Drawing Sheets



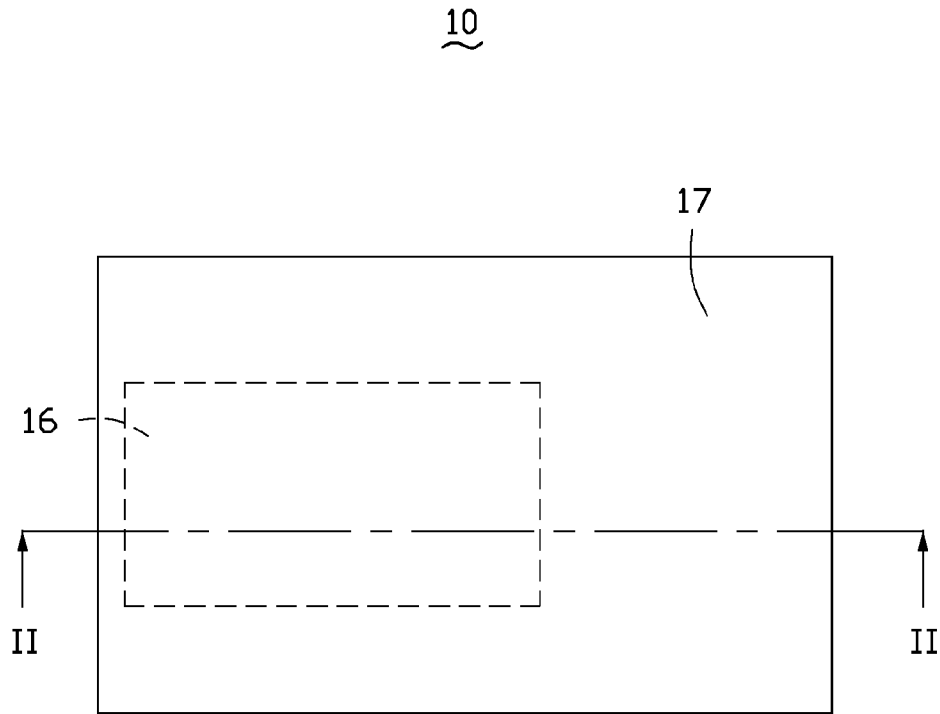


FIG. 1

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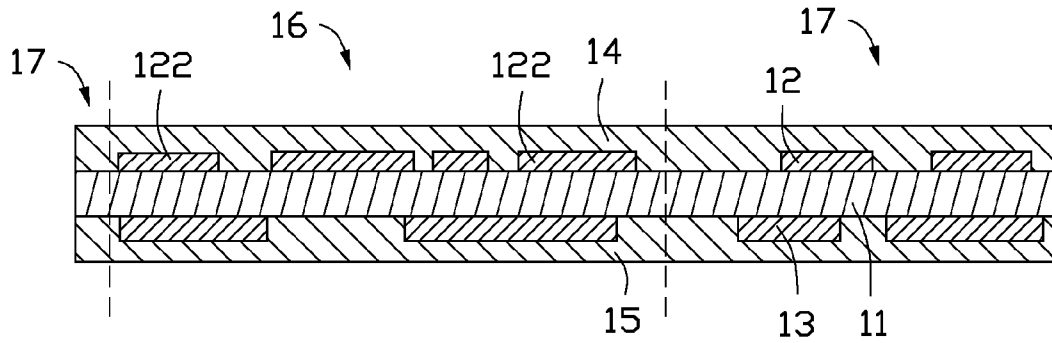


FIG. 2

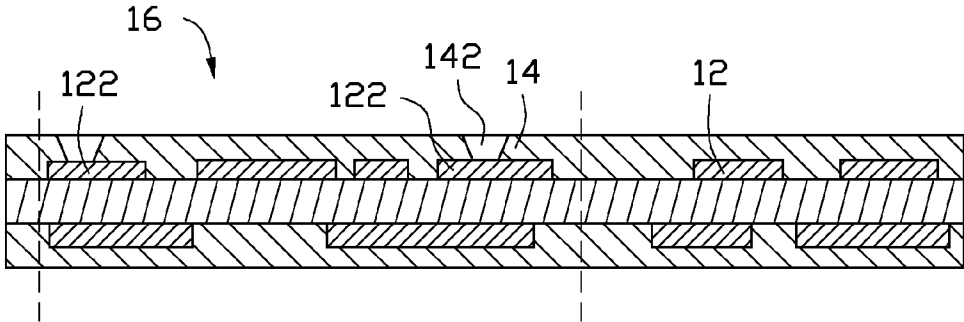


FIG. 3

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