



US 20220354006A1

(19) **United States**(12) **Patent Application Publication**
NAKAMURA et al.(10) **Pub. No.: US 2022/0354006 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **SIGNAL TRANSMISSION CIRCUIT AND
ELECTRONIC CONTROL DEVICE****Publication Classification**(51) **Int. Cl.****H05K 5/00** (2006.01)**H05K 1/18** (2006.01)**H05K 9/00** (2006.01)(52) **U.S. Cl.**CPC **H05K 5/0026** (2013.01); **H05K 1/181**
(2013.01); **H05K 9/0015** (2013.01); **H05K**
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§ 371 (c)(1),

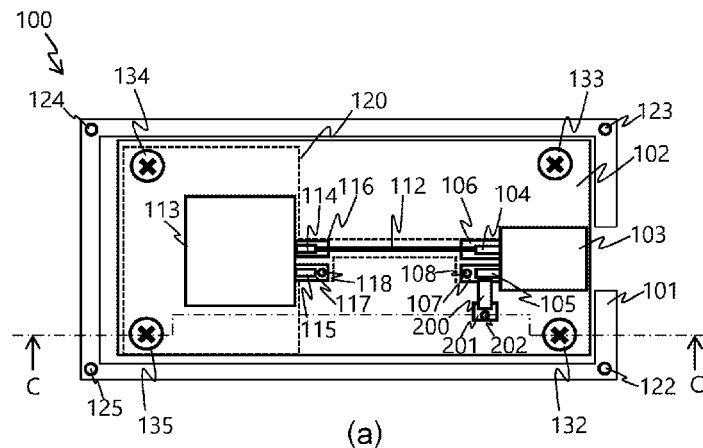
(2) Date: **Dec. 22, 2021**(30) **Foreign Application Priority Data**

Jun. 24, 2019 (JP) 2019-116261

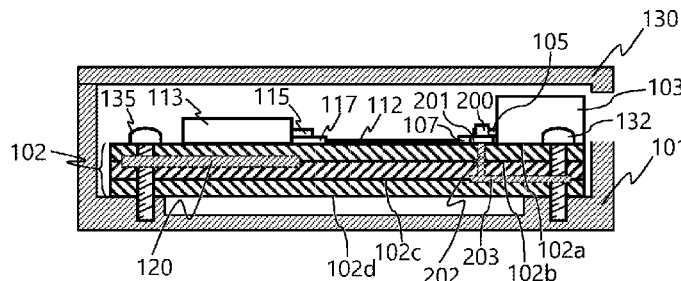
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ABSTRACT

A signal transmission circuit includes: a circuit board stored in a housing; a connector which is mounted on the circuit board and includes a first signal terminal and a first ground terminal; and an integrated circuit which is mounted on the circuit board and includes a second signal terminal and a second ground terminal. The first signal terminal and the second signal terminal are connected to each other by a signal wiring arranged on the circuit board. The first around terminal and the second ground terminal are connected to each other by a ground wiring arranged in a predetermined range including a portion immediately above or immediately below the signal wiring in the circuit board. At least a part of the ground wiring immediately above or immediately below the signal wiring has a high impedance structure formed to be wider than the signal wiring and narrower than a combined width of the first signal terminal and the first ground terminal.



(a)



C-C

(b)