US 20240213973A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2024/0213973 A1**

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

(54) **NON-CONTACT SWITCH CONTROL SYSTEM**

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(21) Appl. No.: **18/137,448**

(22) Filed: **Apr. 21, 2023**

(30) **Foreign Application Priority Data**

Dec. 23, 2022 (TW) 111149638

Publication Classification

(51) **Int. Cl.**

H03K 17/00	(2006.01)
H01H 9/16	(2006.01)
H03K 17/296	(2006.01)

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

CPC ***H03K 17/002*** (2013.01); ***H01H 9/167*** (2013.01); ***H03K 17/296*** (2013.01)

(57) **ABSTRACT**

A non-contact switch control system includes: a switch set, configured to receive a sensing signal from a sensed target, the switch set including a first non-contact switch and a second non-contact switch, the sensing signal including a first sensing signal and a second sensing signal; a storage unit, configured to store a control program; and a processing unit, connected to the switch set and the storage unit and configured to execute the control program and control the switch set based on the sensing signal. The control program includes: determining whether the first non-contact switch receives the first sensing signal and obtaining a first determination result; in the situation where the first determination result indicates "Yes", determining whether the second non-contact switch receives the second sensing signal and obtaining a second determination result; and in the situation where the second determination result indicates "Yes", disabling the second non-contact switch.