

# (19) United States

# (12) Patent Application Publication (10) Pub. No.: US 2023/0231958 A1 **SHENG**

Jul. 20, 2023 (43) **Pub. Date:** 

## (54) MULTI-FUNCTION PRINTER WITH DETACHABLE SCANNER BODY CAPABLE OF DIRECTLY STARTING SCANNING AND PRINTING UPON DETECTION OF SHEET **MEDIUM**

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(21) Appl. No.: 18/188,953

(22) Filed: Mar. 23, 2023

## Related U.S. Application Data

(63) Continuation-in-part of application No. 17/398,664, filed on Aug. 10, 2021.

#### (30)Foreign Application Priority Data

Sep. 7, 2020 (TW) ...... 109130560

### **Publication Classification**

(51) Int. Cl. H04N 1/00 (2006.01)

U.S. Cl.

CPC ..... H04N 1/00541 (2013.01); H04N 1/00822 (2013.01); H04N 1/00241 (2013.01); H04N 1/00689 (2013.01)

#### (57)ABSTRACT

A multi-function printer includes a printer body and a scanner body. A printer module is disposed in the printer body. At least one first scanning module, at least one feeding roller and a sensor are disposed in the scanner body. The feeding roller and the sensor are disposed at an inlet of a sheet passage. When the sensor senses presence of a sheet medium, the first scanning module immediately performs image scanning on the sheet medium to obtain image data, and then the printer module prints out the image data.

