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(12) United States Design Patent

Kuroda et al.

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(54) **SCANNER**

(71) Applicant: **PFU LIMITED**, Kahoku-shi, Ishikawa (JP)

(72) Inventors: **Satoshi Kuroda**, Kahoku (JP); **Shoya Ishida**, Kahoku (JP); **Kouji Kawase**, Kahoku (JP)

(73) Assignee: **PFU LIMITED**, Ishikawa (JP)

(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

Feb. 19, 2016 (JP) 2016-003551

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/422**

(58) **Field of Classification Search**
USPC D14/421–425; D18/40, 36–39, 41, D18/44–56; 235/462, 455, 470, 462.43, 235/482, 483; 358/474, 486, 488, 496, 358/498, 452, 449, 451, 453.1, 1.13; 318/685, 696; 355/81, 75; 399/405, 367, 399/379, 380; 382/217; 715/209, 222, 715/226, 274; 400/613, 613.1–613.4, 400/690.1–690.4, 691–694
CPC H04N 1/00; H04N 1/12; H04N 1/00013; H04N 1/00015; H04N 1/00018; H04N 1/00026; H04N 1/00557; H04N 1/00564; H04N 1/00567; H04N 1/0057; H04N 1/00572; H04N 1/00586; H04N 1/00588; H04N 1/00591; H04N 1/00594; H04N 1/00596; H04N 1/00604; H04N 1/00519; H04N 1/00559; H04N 1/1013; H04N 1/10; H04N 1/00551; H04N 1/00278; H04N 2201/0456; H04N 2201/0446; H04N 2201/00; H04N 2201/0094; H04N 1/00525; G03G 15/0142; G03G 15/605; G03G 15/602; B65H 5/26; B65H 5/30; B65H 7/00; B65H 2402/515; B65H 2402/31; B65H 2511/20; B65H 2511/414; B65H 2511/00194; B65H 2511/00198; B65H 2511/00202; B65H 2511/00206; B65H 2301/00; B65H 2220/04; B65H 3/5261; B65H 2513/42
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D399,524 S * 10/1998 Nakajima D18/50
D475,052 S * 5/2003 Chujou D14/422
(Continued)

Primary Examiner — Susan Moon Lee
(74) *Attorney, Agent, or Firm* — RatnerPrestia

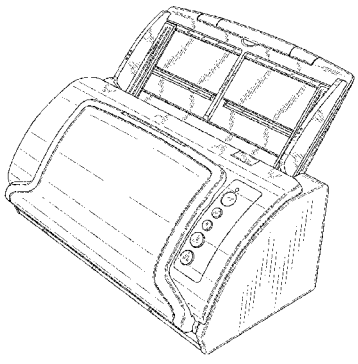
(57) **CLAIM**

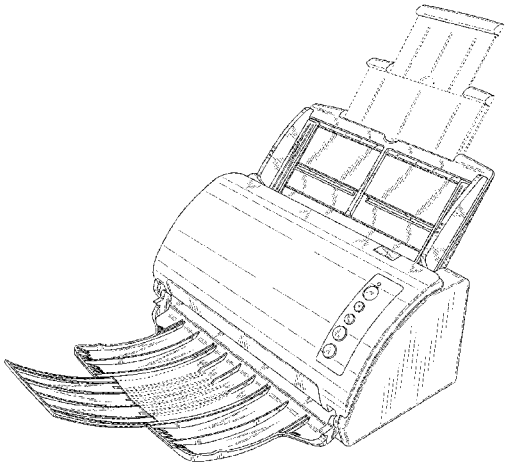
The ornamental design for a scanner, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a scanner showing our new design;
FIG. **2** is a front view thereof;
FIG. **3** is a rear view thereof;
FIG. **4** is a left side view thereof, a right side view is a mirror image of the left side view;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a perspective view showing the scanner with the catch tray closed; and,
FIG. **8** is a perspective view showing the scanner with the guides extended from the shoot and catch tray.
The broken lines in the drawings are for the purpose of illustrating unclaimed portions of the scanner and form no part of the claimed design.

1 Claim, 5 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

D571,370	S *	6/2008	Sugitani	D14/422
D610,146	S *	2/2010	Kuroda	D14/422
D632,295	S *	2/2011	Kuroda	D14/422
D689,866	S *	9/2013	Anzai	D14/422
D692,890	S *	11/2013	Shibuya	D14/421
D692,891	S	11/2013	Kuroda et al.	
D713,845	S *	9/2014	Taniho	D14/422
D758,369	S *	6/2016	Kuroda	D14/422
D766,246	S *	9/2016	Inada	D14/422
2007/0188818	A1 *	8/2007	Westcott	H04N 1/00525 358/296
2013/0056924	A1 *	3/2013	Mizuno	B65H 9/06 271/162
2013/0163056	A1 *	6/2013	Hanayama	H04N 1/00013 358/474
2014/0077449	A1 *	3/2014	Umi	H04N 1/00488 271/264

* cited by examiner

FIG. 1

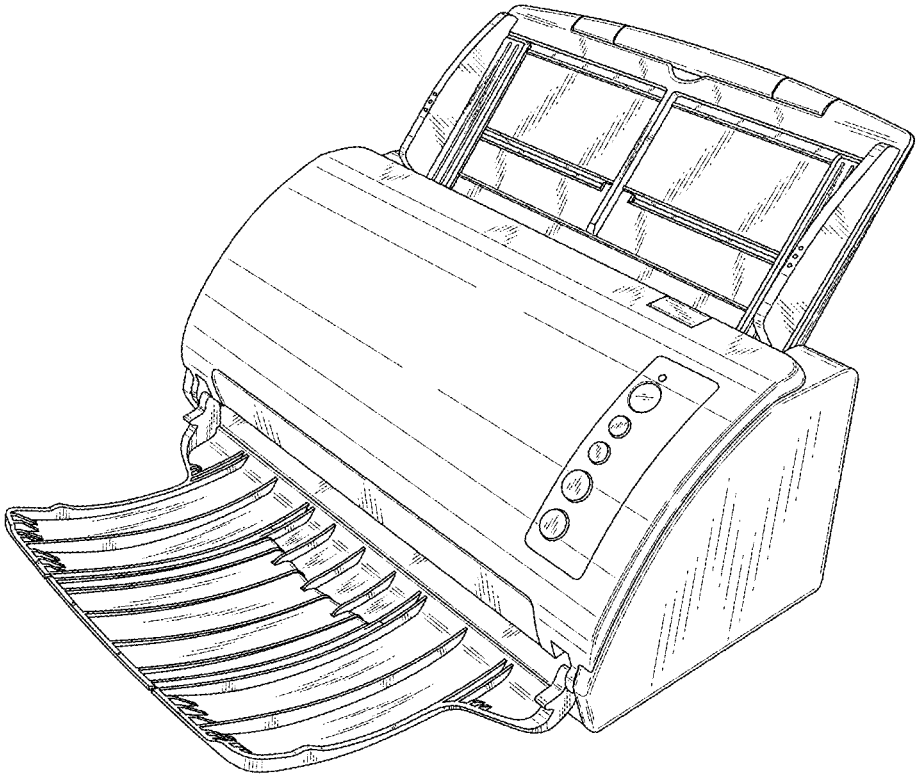


FIG. 2

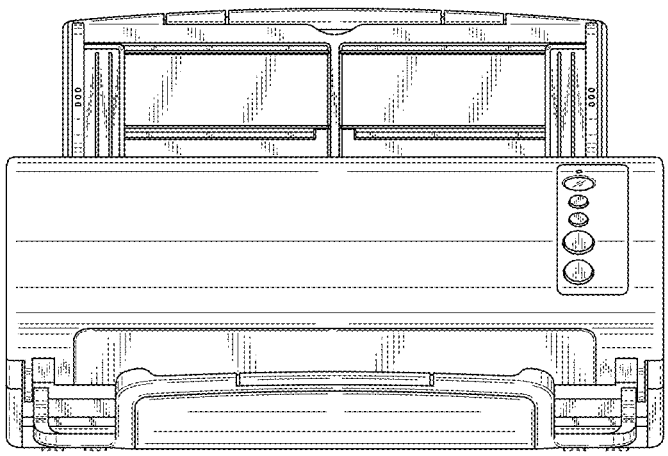


FIG. 3

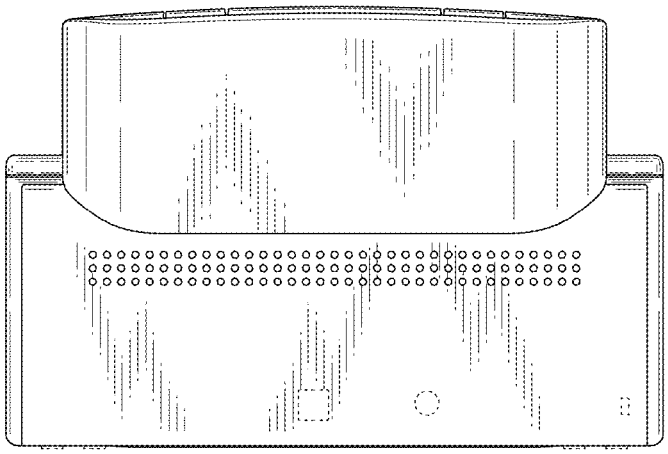


FIG. 4

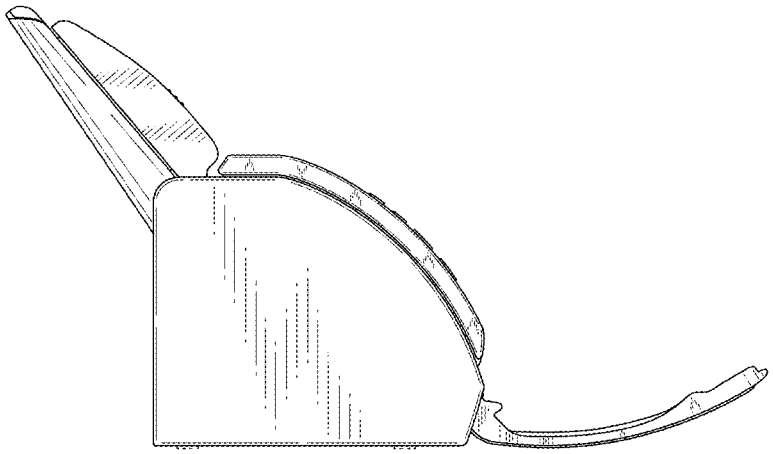


FIG. 5

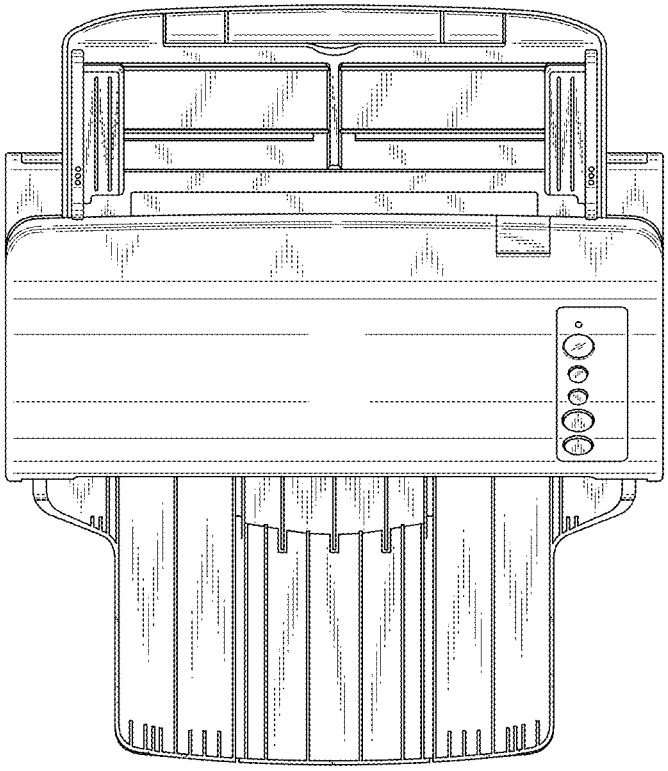


FIG. 6

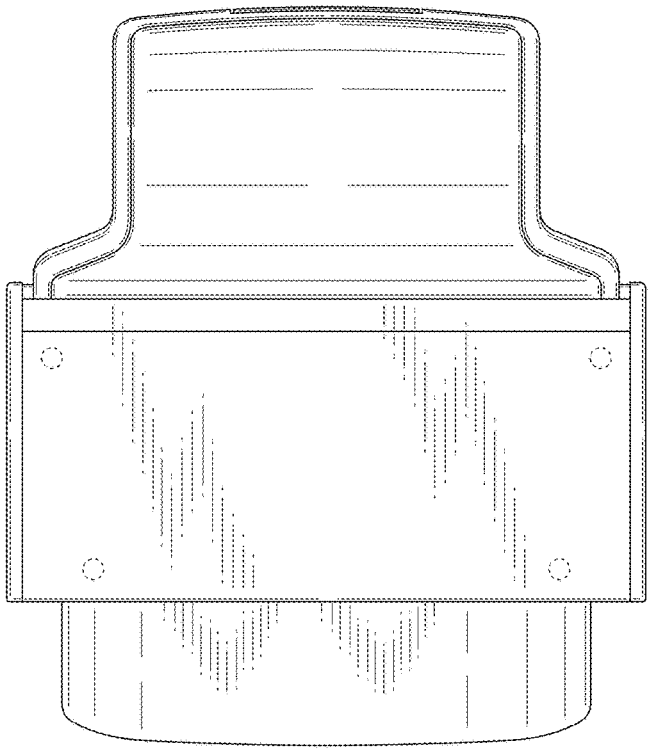


FIG. 7

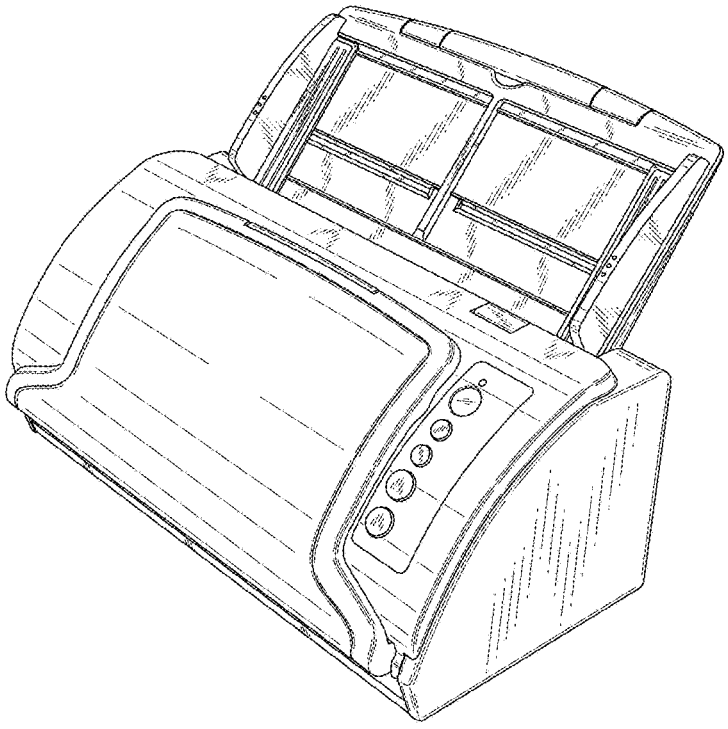


FIG. 8