



(12) **United States Design Patent**
Yepez et al.

(10) **Patent No.:** **US D1,009,873 S**
(45) **Date of Patent:** **** Jan. 2, 2024**

(54) **ITEM IMAGING DEVICE**

(71) Applicant: **NCR Corporation**, Atlanta, GA (US)

(72) Inventors: **Rafael Yepez**, Duluth, GA (US); **Kwan Lee**, Johns Creek, GA (US)

(73) Assignee: **NCR Corporation**, Atlanta, GA (US)

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

(21) Appl. No.: **29/716,790**

(22) Filed: **Dec. 12, 2019**

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

(52) **U.S. Cl.** **D14/420**

USPC **D14/420**

(58) **Field of Classification Search**

USPC D14/420-423, 385; 433/222.1, 223, 433/213-215, 73, 24, 29, 37, 202.1; 700/98, 97, 118, 161, 163, 182; 264/16, 264/17, 19, 219, 225; 374/1; 707/104.1; 249/54; 600/590; D20/1-9; 194/205, 194/206, 244, 321, 345, 346, 350; D18/3.3, 4.4, 12, 49; D99/28, 43; 235/381; 33/286, 276, 227, 1 R, 1 C, 33/1 G, 1 K, 1 N, 1 L; 348/47-50, 86, 348/94, 95, 207.99, 280, 281, 294, 369, 348/370; 359/202.1, 203.1, 204.1-204.5, 359/216.1, 221.2-221.4, 225.1, 226.2, 359/198.1, 200.1, 200.2, 1, 17-22, 32-35, 359/896; 396/155; 353/82; D15/122, D15/125, 126, 129, 130, 138, 199; D6/699; D10/90-93, 87, 88
CPC G01C 15/00; G01C 15/002; G01C 15/004; G01C 15/006; G01C 15/008; G01S 17/88; G01S 17/89; G02B 26/0816; G02B 26/10; G02B 26/101-124; G02B 26/127; G02B 7/1821; G02B 7/1822; G02B 27/0075; G02B 13/001; G02B 5/201; G02B 3/0056; H01L 27/14627; H01L 27/14621; H01L 21/67288; H01L 21/00; H04N 5/2254; H04N 5/23212;

H04N 9/3185; H04N 9/3129; H04N 13/0253; H04N 13/0221; G03B 29/00; G01B 11/2513; G01B 11/2518; G01B 11/2522; G01B 5/0002; G03F 7/70483; G06K 9/3275; G06K 2209/19; G06T 11/003; G06T 11/00; G06T 11/001; G06T 11/005; G06T 1/00; G06T 1/0007; G06T 3/80037; G06T 3/0043; G06T 3/0056; G06T 3/0062; G06T 3/0087; G06T 3/20; G06T 3/40; G06T 3/60; G06T 3/602-608; G06T 5/009; G06T 5/10; G06T 5/20; G06T 5/40; G06T 5/50; G06T 7/0057; G06T 7/0061; G06T 9/001

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D569,526 S * 5/2008 Duffy D24/232
D615,437 S * 5/2010 Li D10/93
D689,196 S * 9/2013 Marmier D24/232
D712,411 S * 9/2014 Hoskinson D14/421

(Continued)

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

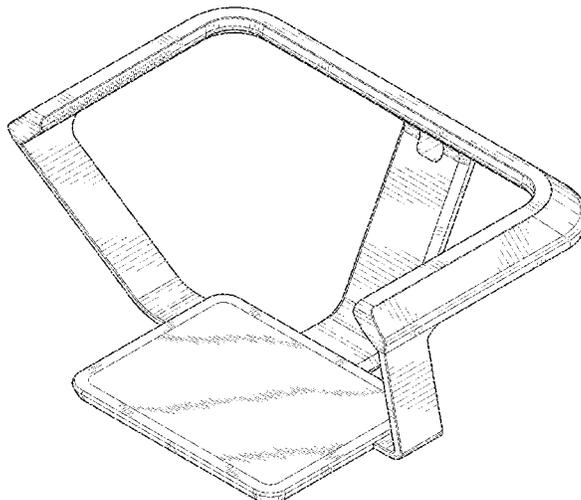
(57) **CLAIM**

The omarrientai design for an item imaging device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an item imaging device showing our new design;
FIG. 2 is a right side view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a bottom view thereof; and,
FIG. 7 is a top view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D723,561 S *	3/2015	Buel	D14/420
D810,747 S *	2/2018	Kao	D14/453
D888,986 S *	6/2020	Kimura	D24/232

* cited by examiner

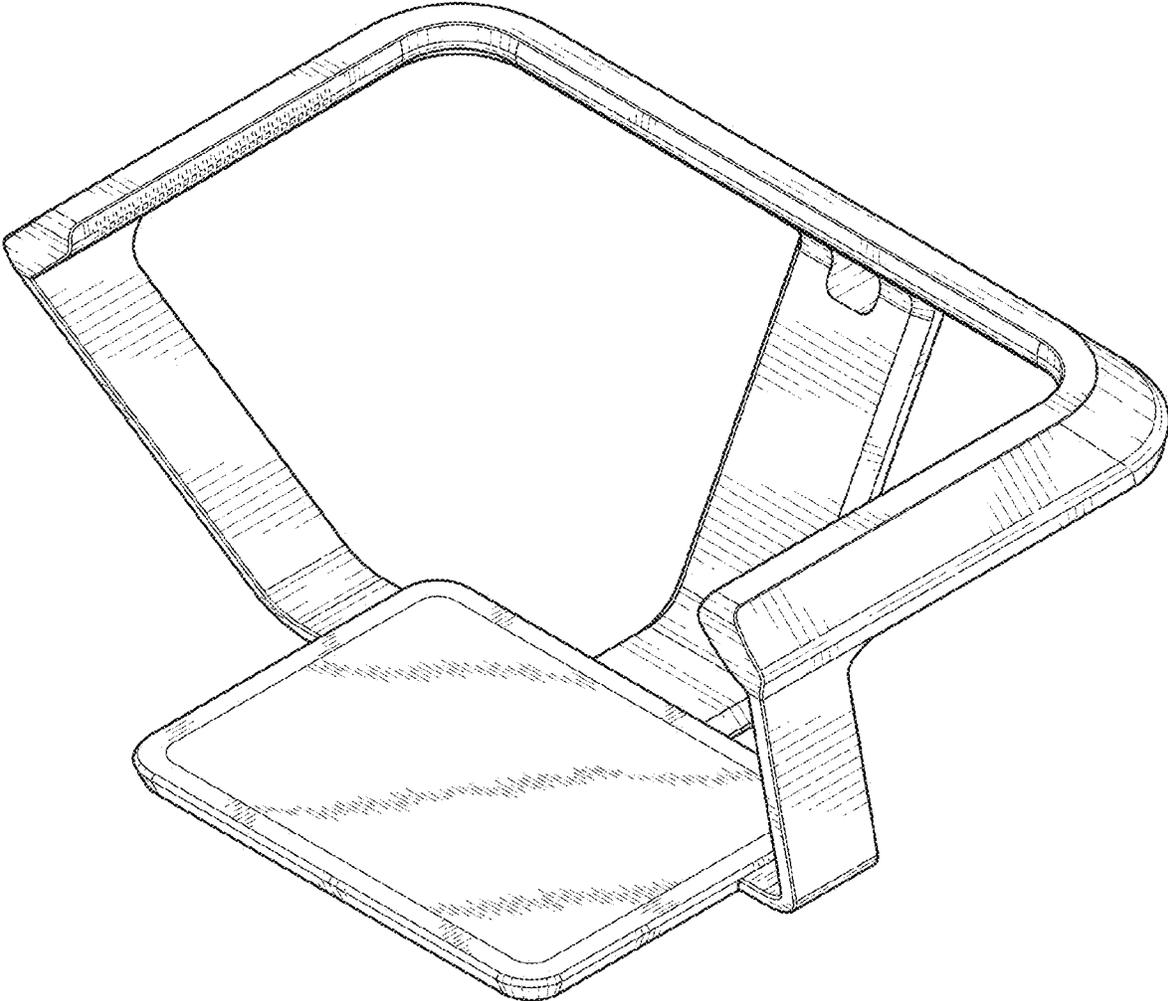


FIG. 1

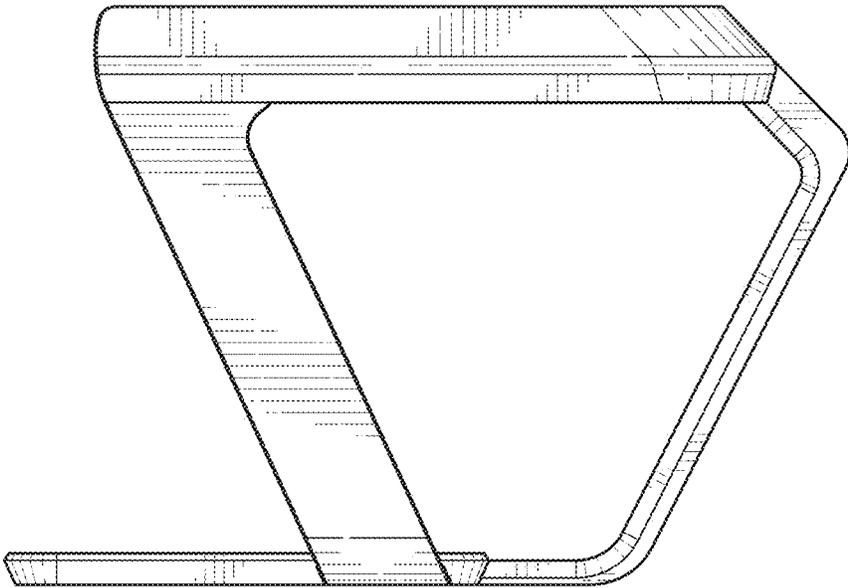


FIG. 2

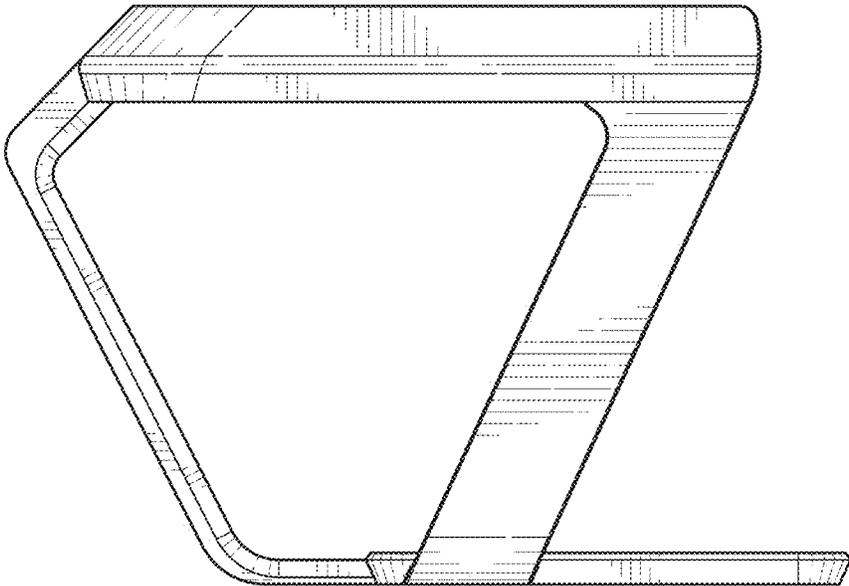


FIG. 3

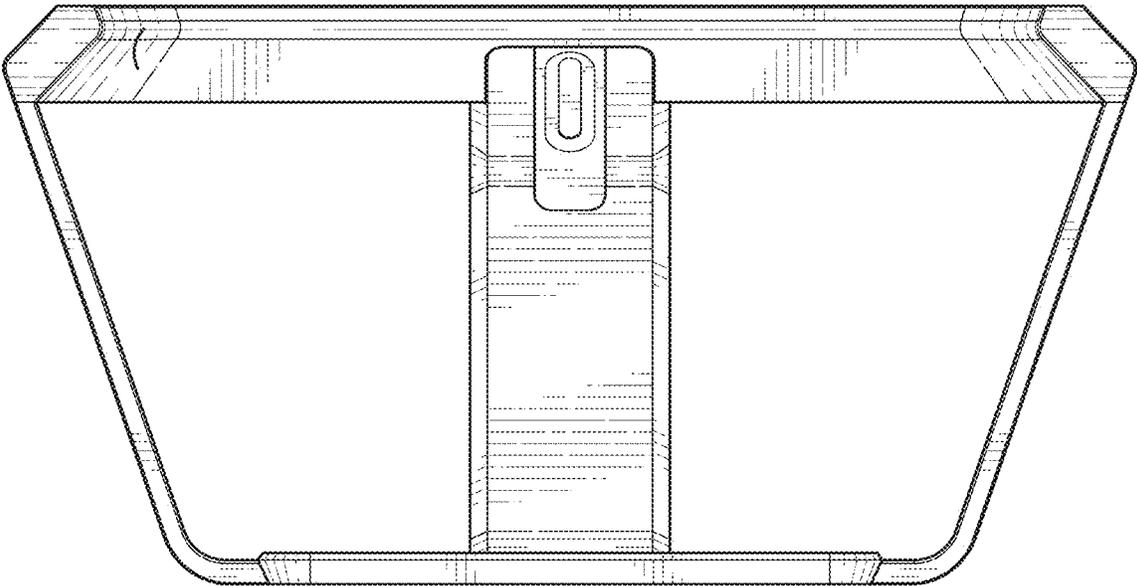


FIG. 4

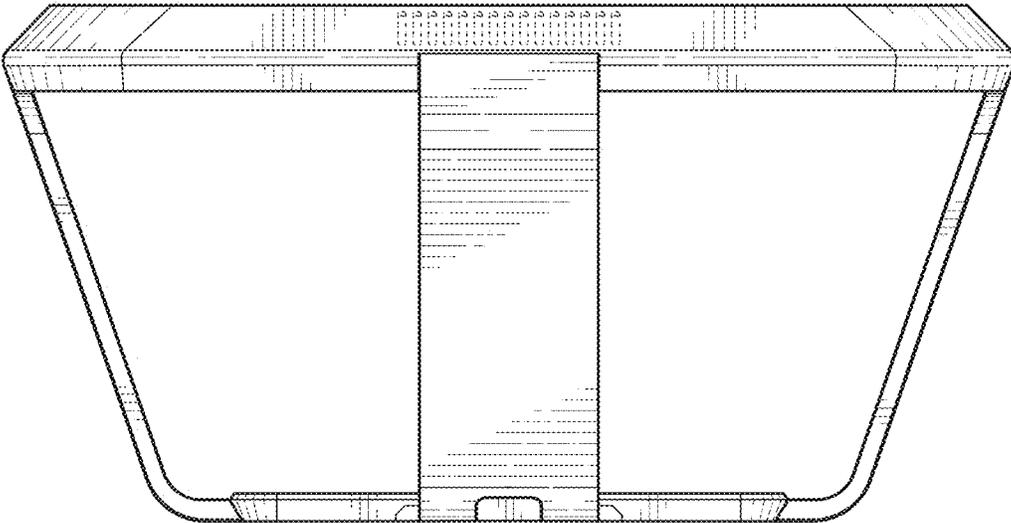


FIG. 5

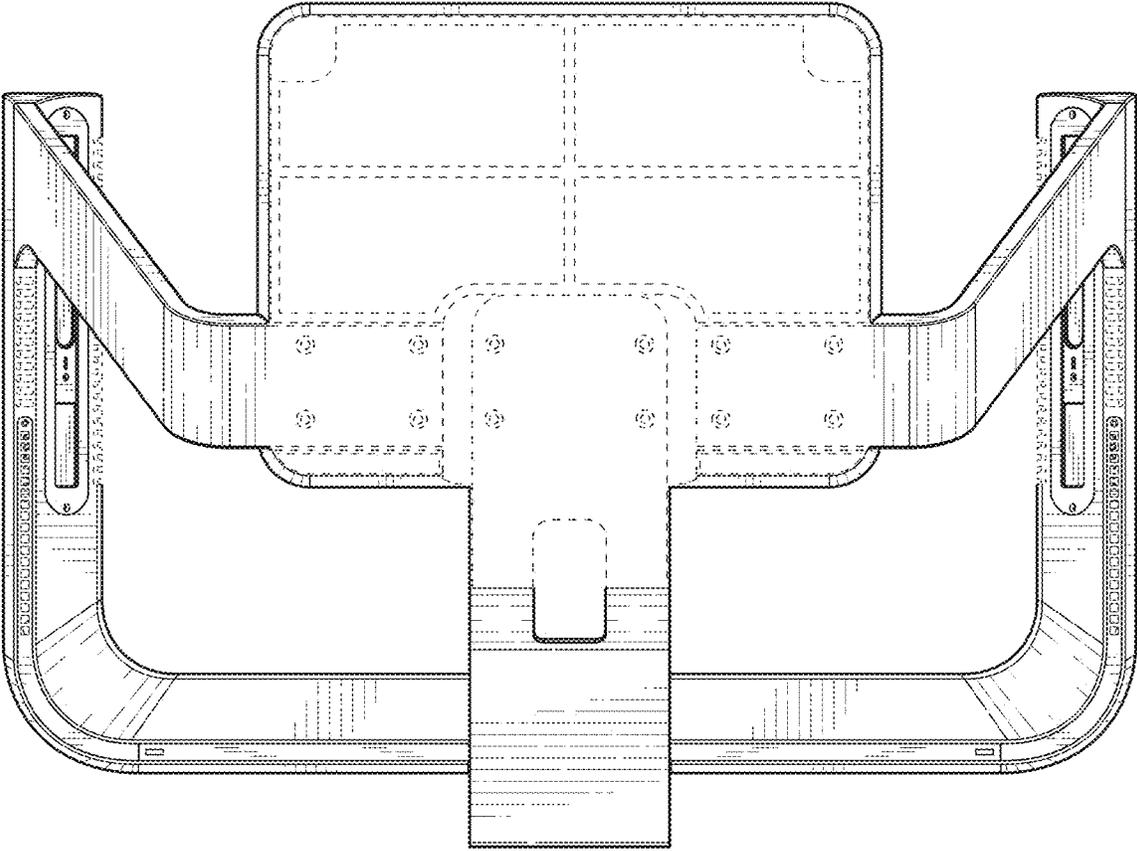


FIG. 6

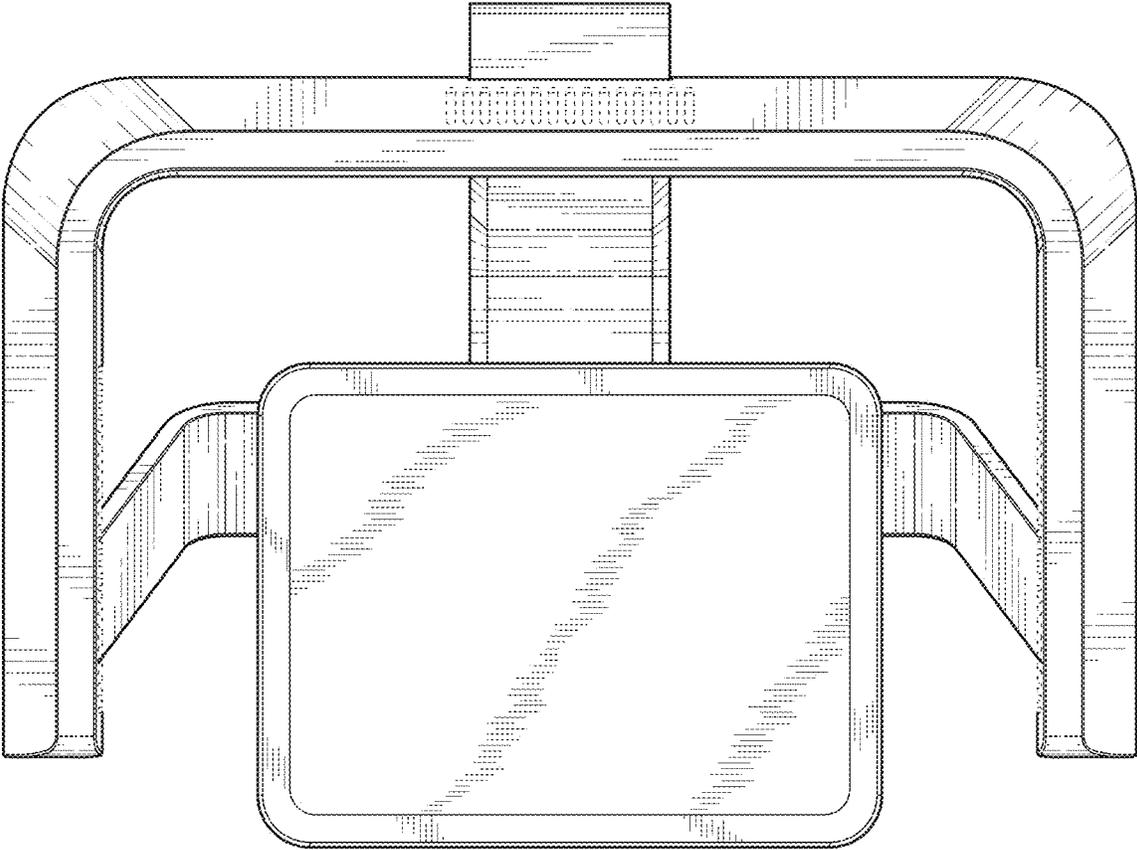


FIG. 7