

(12)

United States Design Patent

Stathopoulos et al.

(10)

Patent No.:

US D974,396 S

(45)

Date of Patent:

** Jan. 3, 2023

(54) **DISPLAY PANEL WITH ANIMATED GRAPHICAL USER INTERFACE FOR GATE BOARDING INFORMATION**

(71) Applicant: **UNITED AIRLINES, INC.**, Chicago, IL (US)

(72) Inventors: **James Stathopoulos**, Elmhurst, IL (US); **Maxine Cassandra Granja**, Chicago, IL (US); **Mark Chowaniec**, Chicago, IL (US); **Johnathan Ross Wenske**, Chicago, IL (US)

(73) Assignee: **UNITED AIRLINES, INC.**, Chicago, IL (US)

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

(21) Appl. No.: **29/801,336**

(22) Filed: **Jul. 28, 2021**

Related U.S. Application Data

(62) Division of application No. 29/729,623, filed on Mar. 27, 2020, now Pat. No. Des. 928,823.

(51) **LOC (14) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/486**

(58) **Field of Classification Search**
USPC D14/485–495; D20/11; D21/324, 325
(Continued)

References Cited

U.S. PATENT DOCUMENTS

6,353,794 B1 * 3/2002 Davis G08G 5/0043 342/36
D498,240 S * 11/2004 Amaitis D14/486
(Continued)

OTHER PUBLICATIONS

Karnes, April, “Gate Information Displays (GIDs)” Feb. 21, 2020, posted at aprilkarnes.com, [site visited Sep. 15, 2022]. <https://web.archive.org/web/20200221191755/http://aprilkarnes.com/in-airportonboard> (Year: 2020).*

(Continued)

Primary Examiner — John M Otte

(57) **CLAIM**

The ornamental design for a display panel with animated graphical user interface for gate boarding information, as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with colored drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee

FIG. 1 is a front view of a first image in a sequence of images of an animated graphical user interface of a first version of the new design;

FIG. 2 is a front view of a second image of the sequence of images of the animated graphical user interface illustrated in FIG. 1;

FIG. 3 is a front view of a third image of the sequence of images of the animated graphical user interface illustrated in FIG. 1;

FIG. 4 is a front view of a first image in a sequence of images of an animated graphical user interface of a second version of the new design;

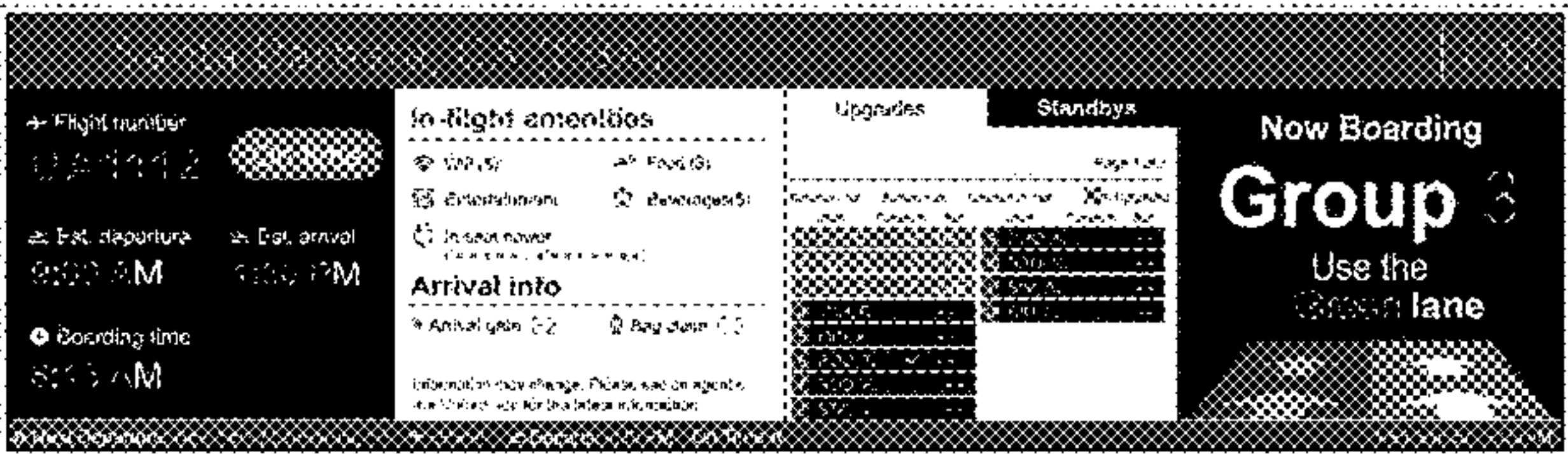
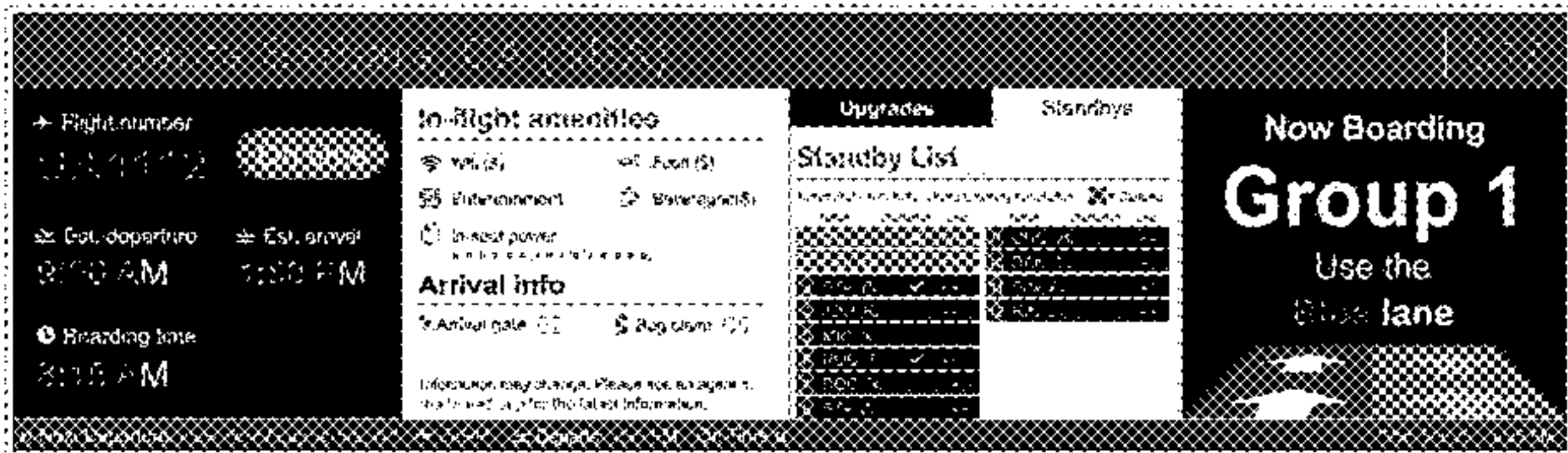
FIG. 5 is a front view of a second image in the sequence of images of the animated graphical user interface illustrated in FIGS. 4; and,

FIG. 6 is a front view of a third image in the sequence of images of the animated graphical user interface illustrated in FIG. 4.

The outermost broken line showing of a display screen and the other broken line showing of elements of the graphical user interface illustrate portions of the article and do not form part of the claimed design.

The appearance of the animated graphical user interface transitions sequentially between the images shown in FIGS. 1, 2, and 3, in the first version, and between the images shown in FIGS. 4, 5, and 6, in the second version. The

(Continued)



process or period in which one image transitions to another forms no part of the claimed design.

1 Claim, 6 Drawing Sheets
(3 of 6 Drawing Sheet(s) Filed in Color)

(58) Field of Classification Search

CPC .. G06F 3/0481; G06F 3/04817; G06F 3/0482;
G06F 3/0483; G06F 3/04842; G06F
3/0485; G06F 3/04855; G06F 3/0486;
G06F 3/0488; G06F 3/04886; G06F
9/451; G06F 40/103; G06F 40/106; G06F
40/189; G06F 40/191; G08G 1/0962;
G08G 5/0043; H04L 67/55; G01C
21/3632

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

7,171,369 B1 1/2007 Bertram et al.
D560,679 S * 1/2008 Kwon D14/486
D602,495 S 10/2009 Um et al.
D689,886 S 9/2013 Meng et al.

8,676,431 B1 * 3/2014 Mariet G08G 1/0962
701/28
D732,054 S 6/2015 Yoneda et al.
D772,274 S 11/2016 Mariet et al.
D773,517 S * 12/2016 Mariet D14/486
D776,693 S 1/2017 Linares et al.
D783,651 S * 4/2017 Voutta D14/488
D803,249 S 11/2017 Masuda
D809,527 S * 2/2018 Hall D14/485
D831,686 S 10/2018 Araki
D835,130 S 12/2018 Yamazaki et al.
10,185,920 B2 * 1/2019 Lang H04L 67/55
D849,758 S * 5/2019 Sakata D14/491
11,006,078 B1 5/2021 Patel et al.
D934,279 S * 10/2021 Kögler D14/485
2005/0216317 A1 9/2005 Medellin et al.
2020/0080862 A1 * 3/2020 Pluciennik G01C 21/3632

OTHER PUBLICATIONS

Morley, Daniel, “United Unveils New Boarding Process” Sep. 19, 2018, posted at airlinegeeks.com, [site visited Jun. 11, 2021] <https://airlinegeeks.com/2018/09/19/united-airlines-unveils-new-boarding-process> (Year: 2018).
Skrbec, Paul, “New Gate Information Display Screens roll-out in time for holiday travel” Nov. 19, 2014, posted at news.delta.com, [site visited Jun. 11, 2021]. <https://news.delta.com/new-gate-information-display-screens-roll-out-time-holiday-travel> (Year: 2014).

* cited by examiner

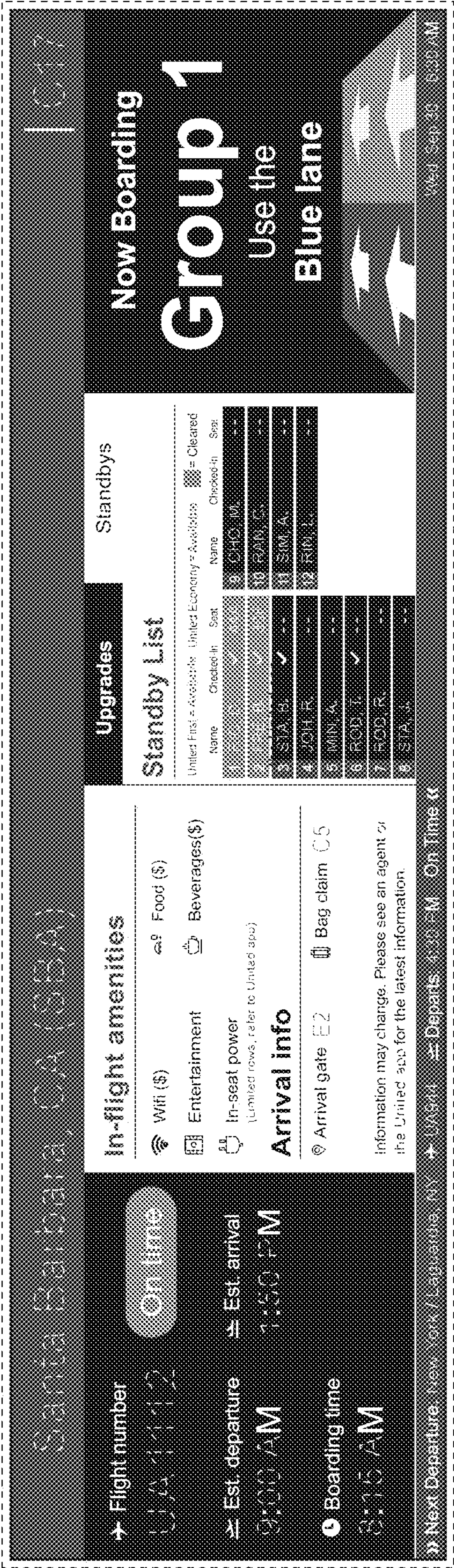
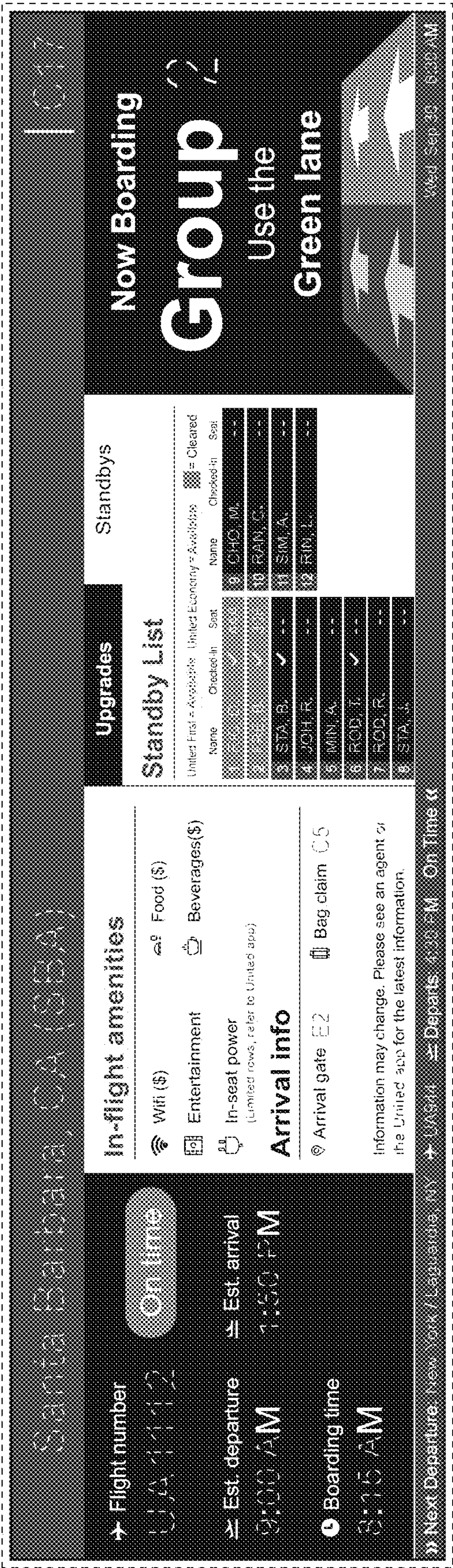


FIG. 1



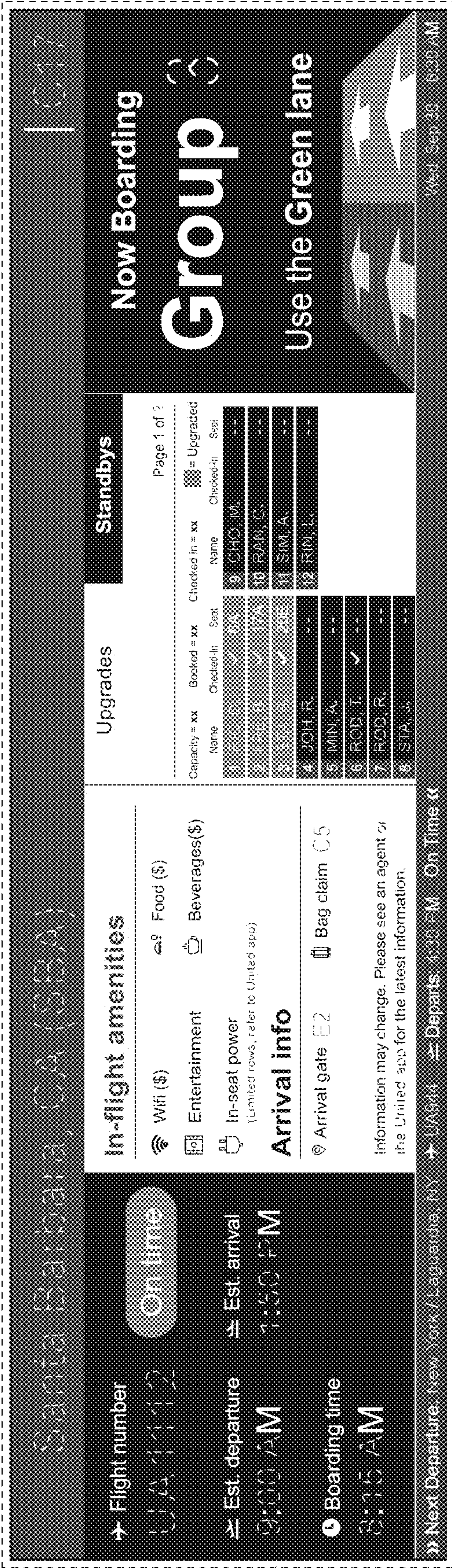


FIG. 3

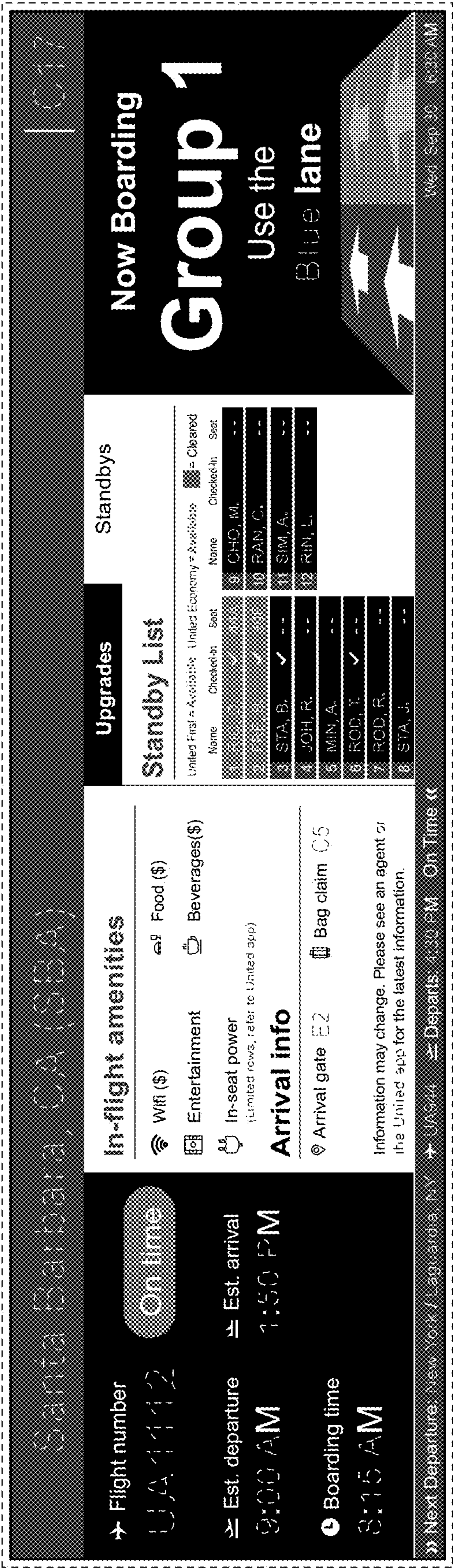


FIG. 4

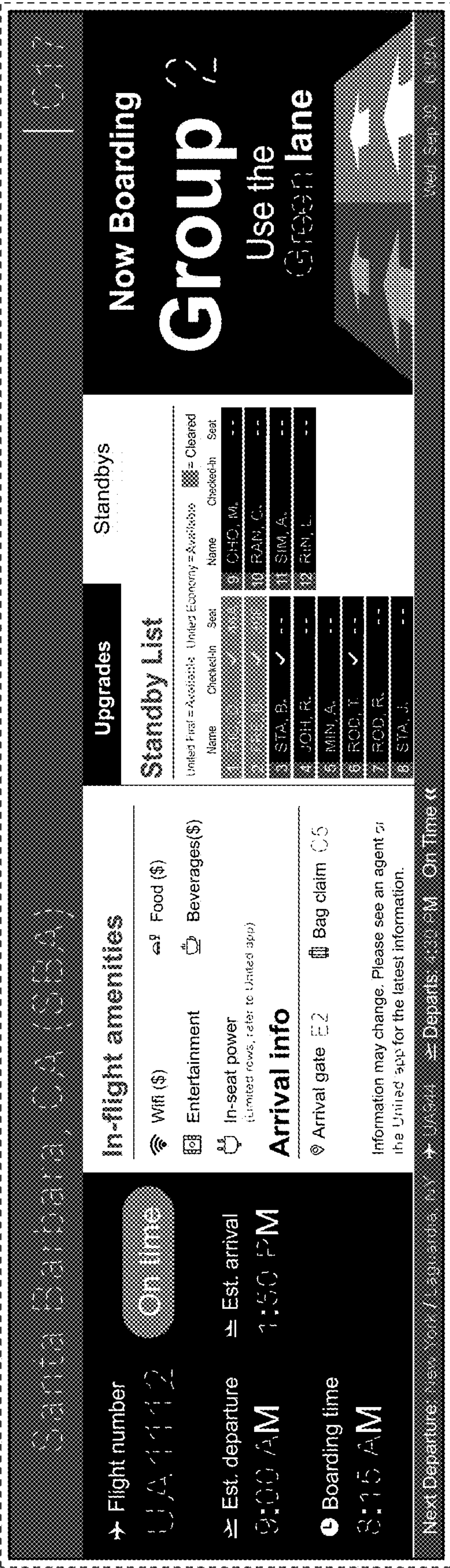


FIG. 5

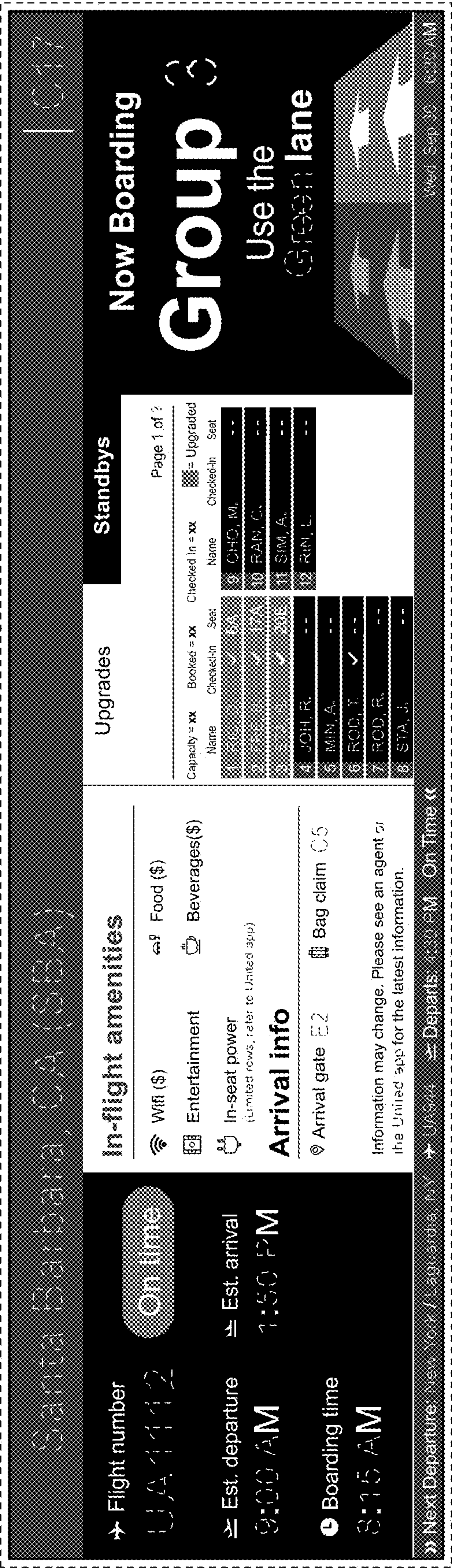


FIG. 6