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(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**

archive.org/web/20200221191755/http://aprilkarnes.com/in-airportonboard (Year: 2020).*

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

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

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

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

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

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;

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

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;

Related U.S. Application Data

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

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;

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

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

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;

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

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,

(56) **References Cited**

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(Continued)

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.

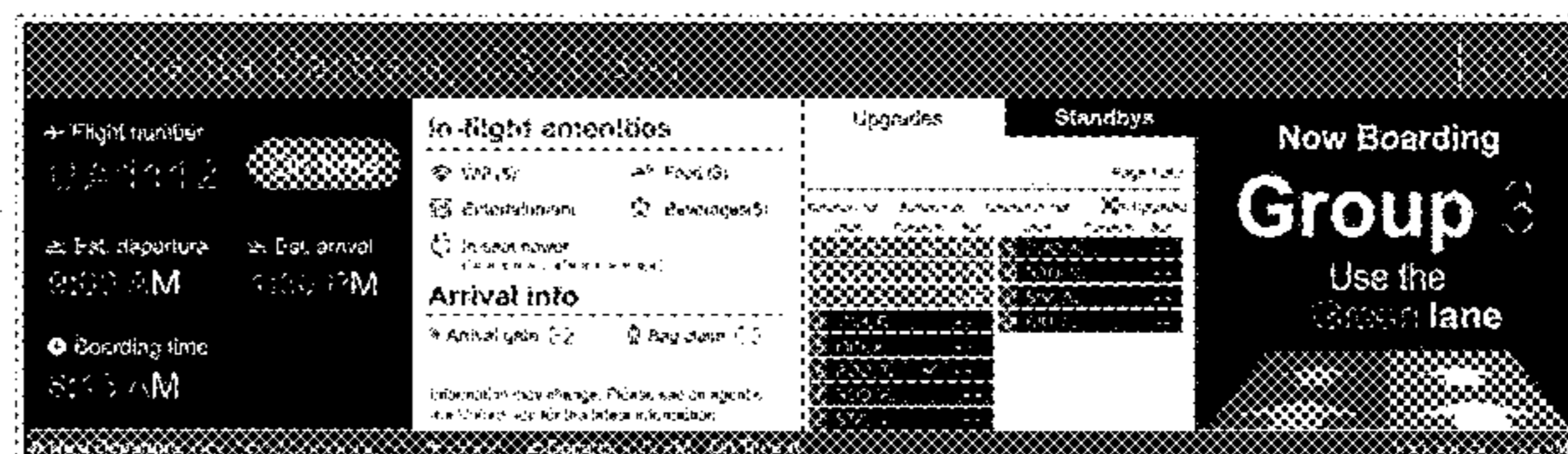
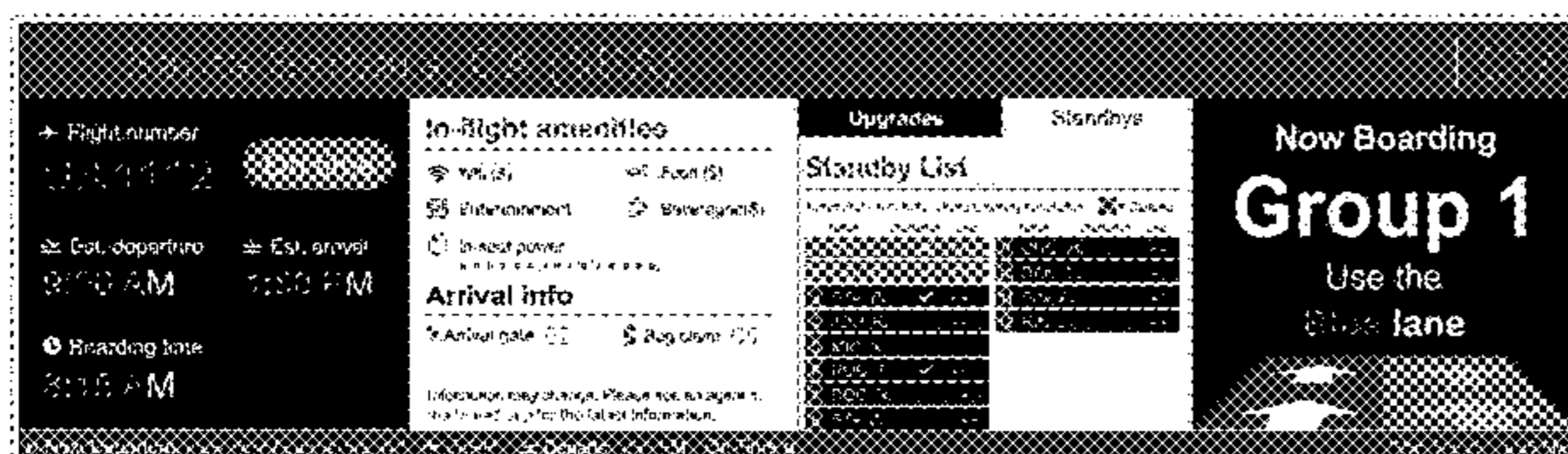
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Karnes, April, "Gate Information Displays (GIDs)" Feb. 21, 2020, posted at aprilkarnes.com, [site visited Sep. 15, 2022]. <https://web.archive.org/web/20200221191755/http://aprilkarnes.com/in-airportonboard>

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.

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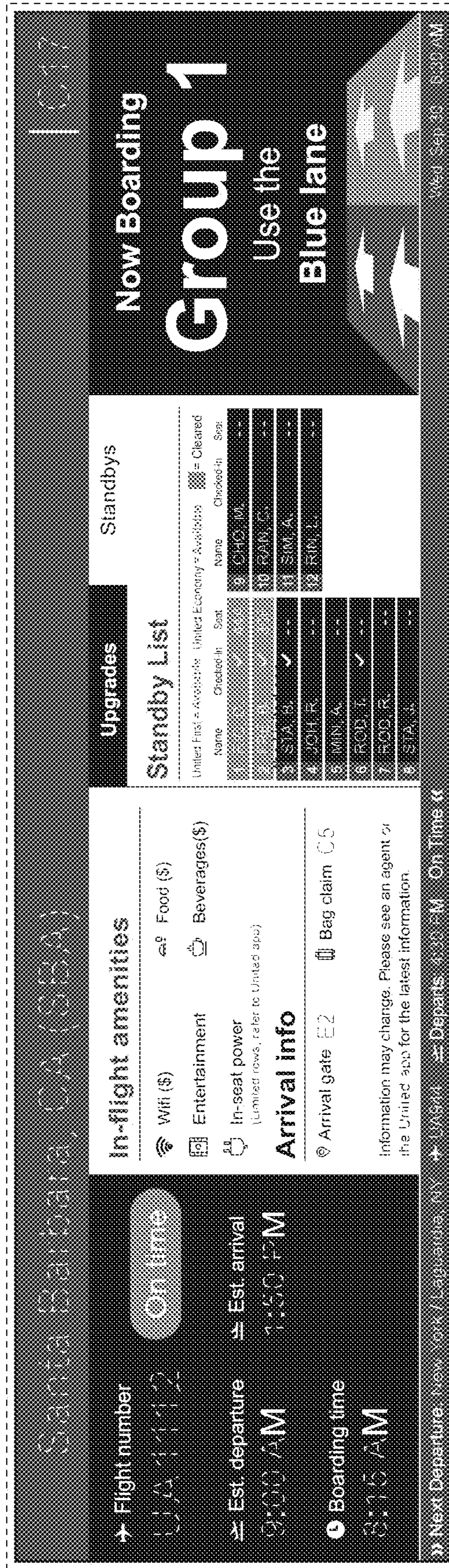


FIG. 1

Santa Barbara, CA (SBA)

Flight number
UA 1112 On time

Est. departure
9:00 AM Est. arrival
1:50 PM

Boarding time
8:15 AM

In-flight amenities

Wifi (\$) Food (\$)

Entertainment Beverages (\$)

In-seat power
(limited rows, refer to United app)

Arrival info

Arrival gate **E2** Bag claim **C5**

Information may change. Please see an agent or the United app for the latest information.

Upgrades

Standby List

Name	Checked-in	Seat
3 STA, B	✓	--
4 JOH, R	--	--
5 MIN, A	--	--
6 ROB, T	✓	--
7 ROB, R	--	--
8 STA, J	--	--

United First = Available United Economy = Available = Cleared


Standbys

Name	Checked-in	Seat
9 CHG, M	--	--
10 RAN, S	--	--
11 SIM, A	--	--
12 RIN, J	--	--

Now Boarding

Group 2

Use the **Green lane**



Next Departure: New York / LaGuardia, NY → USA44 → Departs **4:30 PM** → On Time ←

Wed Sep 26 6:58 AM

FIG. 2

Santa Barbara, CA (SBA)

Flight number: **UA 1112** On time

Est. departure: **9:00 AM** Est. arrival: **1:50 PM**

Boarding time: **8:15 AM**

Next Departure: New York / LaGuardia, NY → UA844 → Departs: 4:30 PM On Time

In-flight amenities

- Wifi (\$) Food (\$)
- Entertainment Beverages (\$)
- In-seat power (Limited rows, refer to United app)

Arrival info

- Arrival gate: **E2** Bag claim: **C5**

Information may change. Please see an agent or the United app for the latest information.

Upgrades

Name	Checked-in	Seat
1 BOH R	<input checked="" type="checkbox"/>	11A
2 MN A	<input checked="" type="checkbox"/>	11A
3 BOB T	<input checked="" type="checkbox"/>	11A
4 BOB R	<input checked="" type="checkbox"/>	11A
5 STA J	<input checked="" type="checkbox"/>	11A

Standbys

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Name	Checked-in	Seat
9 CHS M	<input checked="" type="checkbox"/>	9A
10 RAN S	<input checked="" type="checkbox"/>	9A
11 SIM A	<input checked="" type="checkbox"/>	9A
12 RIN J	<input checked="" type="checkbox"/>	9A

Now Boarding Group

Use the Green lane

Wed Sep 26 6:52 AM

FIG. 3

Santa Barbara, CA (SBA)

Flight number
UA 1112

On time

Est. departure
9:00 AM

Est. arrival
1:50 PM

Boarding time
8:15 AM

In-flight amenities

Wifi (\$) Entertainment In-seat power (limited rows, refer to United app)

Food (\$) Beverages (\$)

Arrival info

Arrival gate **E2** Bag claim **C5**

Information may change. Please see an agent or the United app for the latest information.

Upgrades

Standby List

Name	Checked-in	Seat
3 STA, B.	✓	--
4 JOH, R.	--	--
5 MIN, A.	--	--
6 ROD, T.	✓	--
7 ROD, R.	--	--
8 STA, J.	--	--

Standbys


United First = Available United Economy = Available = Cleared

Name	Checked-in	Seat
9 CHO, M.	--	--
10 RAN, C.	--	--
11 SIM, A.	--	--
12 RIN, L.	--	--

Now Boarding

Group 1

Use the **Blue lane**



Next Departure: New York / Laguardia, NY → UA644 = Departs: 4:30 PM On Time ←

Wed, Sep 30 6:33 AM

FIG. 4

Flight number
UA 1112

Est. departure
9:00 AM

Boarding time
8:15 AM

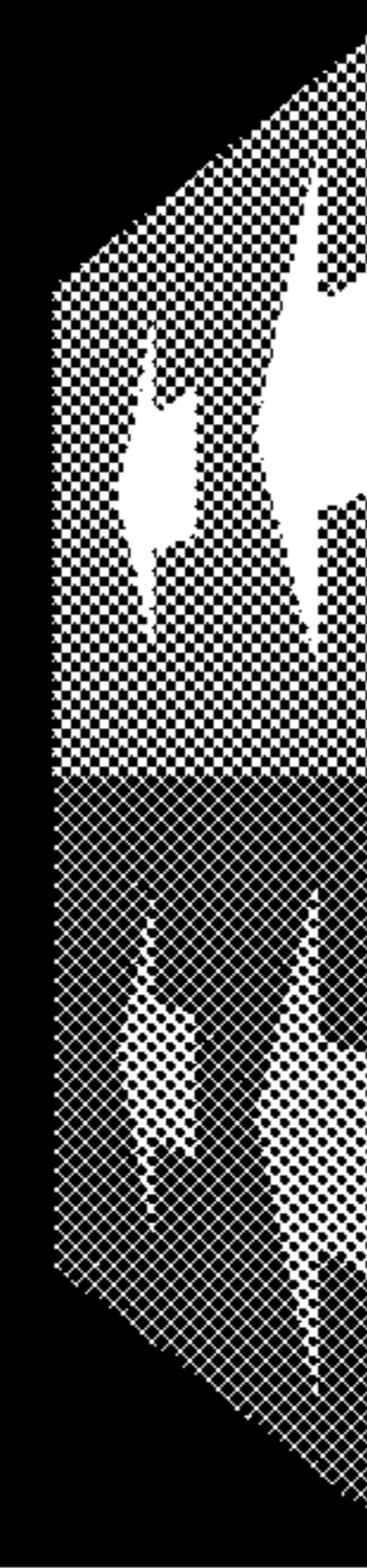
On time

Est. arrival
1:50 PM

Now Boarding

Group 2

Use the **GREEN lane**



Next Departure: **New York / LaGuardia, NY** → **USA44** → **Departs: 4:30 PM** **On Time** ←

In-flight amenities

- WiFi (\$)
- Entertainment
- In-seat power (limited rows, refer to United app)

Arrival info

- Arrival gate **E2**
- Bag claim **C5**

Information may change. Please see an agent or the United app for the latest information.

Upgrades

Standby List

Name	Checked-in	Seat
1 STA, B.	✓	--
2 JOH, R.	--	--
3 MIN, A.	--	--
4 ROD, T.	✓	--
5 ROD, R.	--	--
6 STA, J.	--	--

Standbys

Name	Checked-in	Seat
9 CHO, M.	--	--
10 RAN, C.	--	--
11 SIM, A.	--	--
12 RIN, L.	--	--

Standbys

United First = Available United Economy = Available = Cleared

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FIG. 5

Flight number
UA 1112

Est. departure
9:00 AM

Boarding time
8:15 AM

On time

Est. arrival
1:50 PM

Santa Barbara, CA (SBA)

Now Boarding

Group 3

Use the **GREEN lane**

In-flight amenities

- Wifi (\$)
- Entertainment
- In-seat power (limited rows, refer to United app)

Arrival info

- Arrival gate **E2**
- Bag claim **C5**

Information may change. Please see an agent or the United app for the latest information.

Upgrades

Capacity = xx	Booked = xx	Checked In = xx	Name	Checked-in	Seat
1			1 CHD, M.		--
2			2 RAN, C.		--
3			3 SIM, A.		--
4			4 JOH, R.		--
5			5 MIN, A.		--
6			6 ROD, T.		--
7			7 ROD, R.		--
8			8 STA, J.		--

Standbys

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Capacity = xx	Booked = xx	Checked In = xx	Name	Checked-in	Seat
9			9 CHD, M.		--
10			10 RAN, C.		--
11			11 SIM, A.		--
12			12 RAN, L.		--

Legend: = Upgraded

Next Departure: New York / LaGuardia, NY **1:50 PM** | Depart: Santa Barbara, CA **8:15 AM**

FIG. 6