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(12)

United States Design Patent

Stathopoulos et al.

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

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

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

(21) Appl. No.: **29/729,623**

(22) Filed: **Mar. 27, 2020**

(51) **LOC (13) 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)

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,171,369 B1 * 1/2007 Bertram G06Q 10/02 705/5
D602,495 S * 10/2009 Um D14/486
(Continued)

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).*
(Continued)

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(74) Attorney, Agent, or Firm — Marshall, Gerstein & Borun LLP

(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 a display panel with animated graphical user interface for gate boarding information in a first embodiment of the new design;

FIG. 2 is a front view of a second image thereof;

FIG. 3 is a front view of a third image thereof;

FIG. 4 is a front view of a first image in a sequence of images of a display panel with animated graphical user interface for gate boarding information in a second embodiment of the new design;

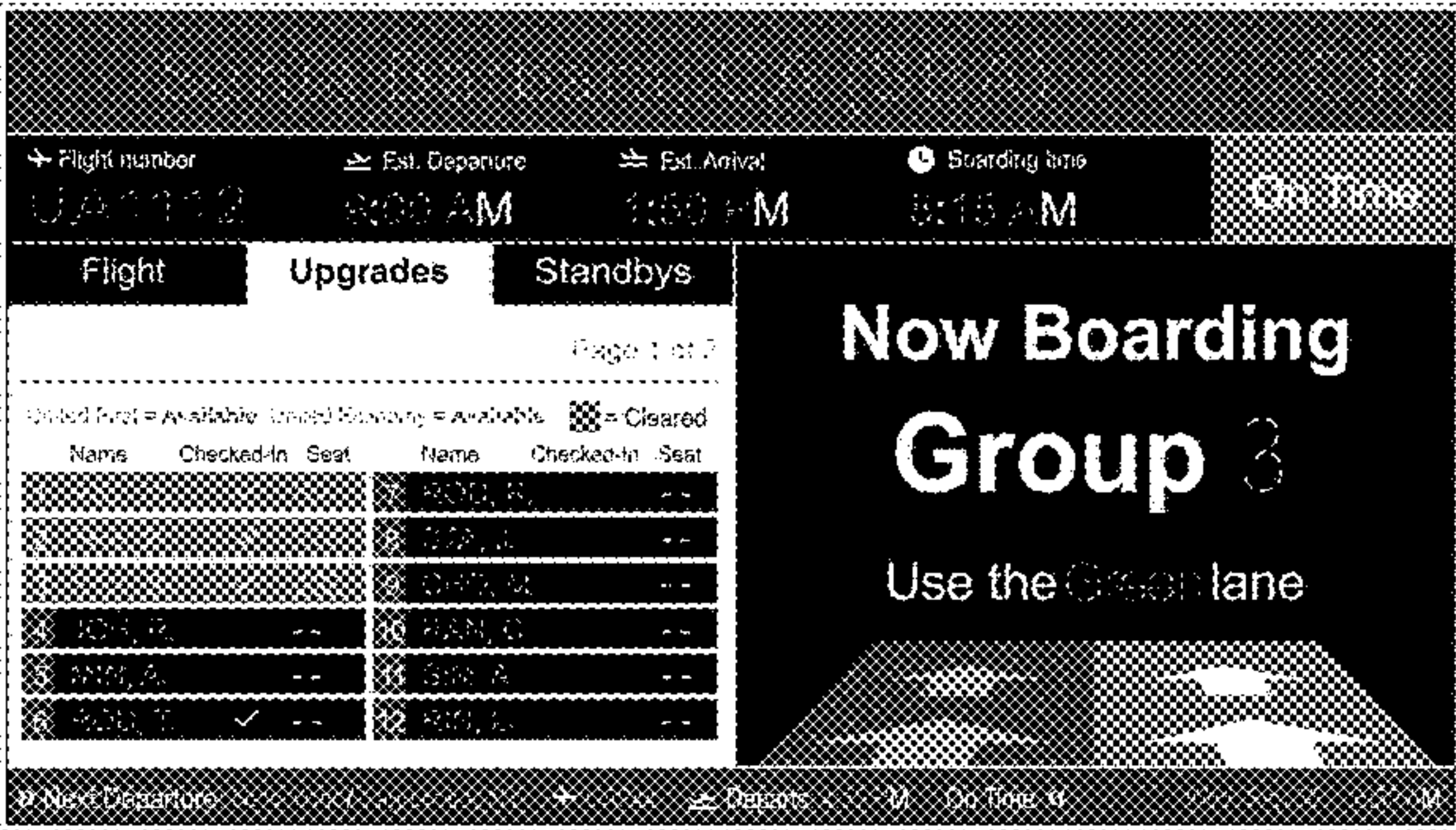
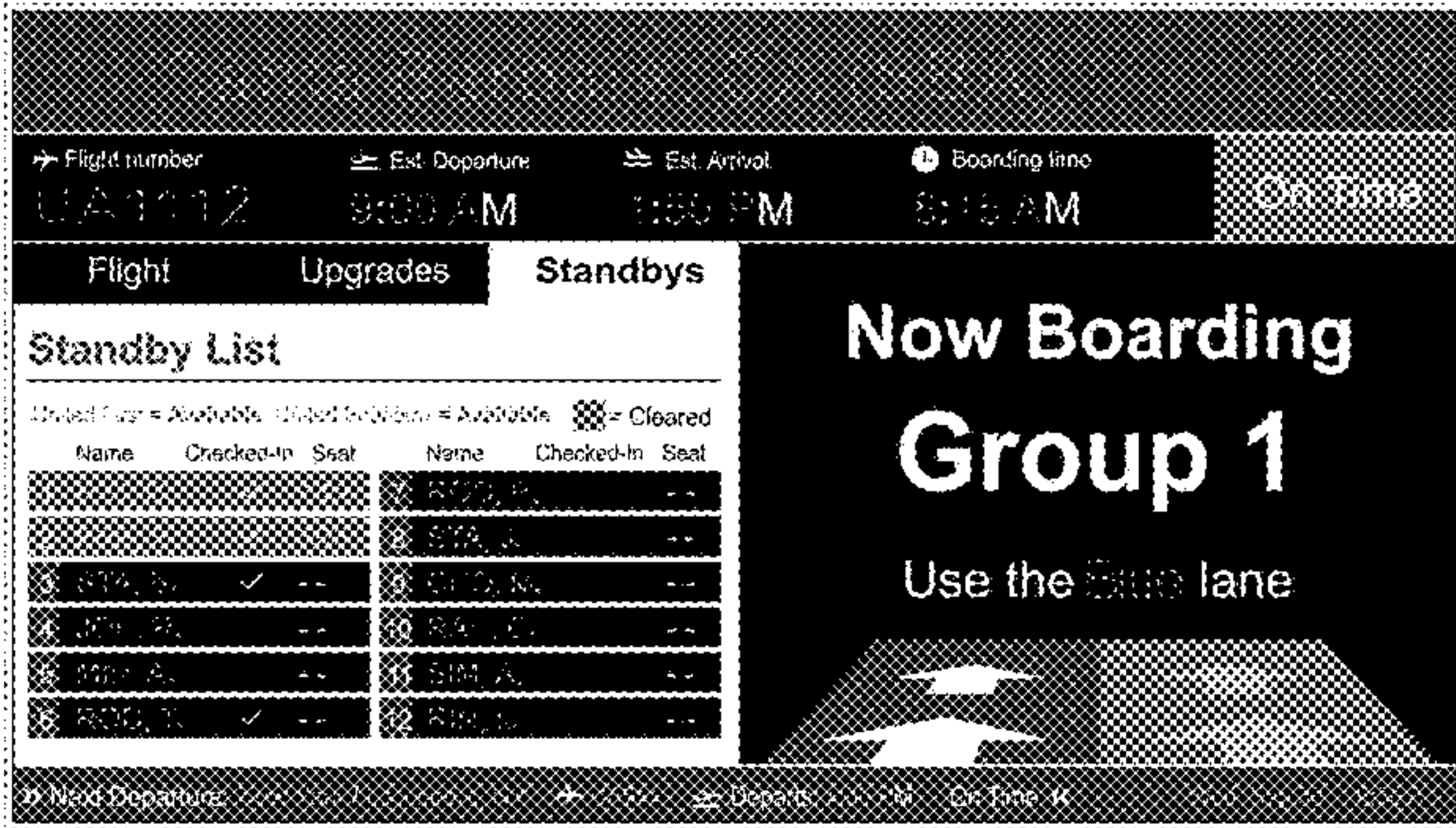
FIG. 5 is a front view of a second image thereof; and,

FIG. 6 is a front view of a third image thereof.

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. 1-3 and FIGS. 4-6. The 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 3/048; 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 3/04886; G06F
9/4443; G06F 17/211; G06F 17/212;
G06F 3/0488; G06Q 10/02; H04N 5/247
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D689,886	S	*	9/2013	Meng		D14/486
D732,054	S	*	6/2015	Yoneda		D14/486
D772,274	S	*	11/2016	Mariet		D14/486
D776,693	S	*	1/2017	Linares		D14/486
D803,249	S	*	11/2017	Masuda		D14/486
D831,686	S	*	10/2018	Araki		D14/486
D835,130	S	*	12/2018	Yamazaki		D14/485
11,006,078	B1	*	5/2021	Patel		H04N 5/247
2005/0216317	A1	*	9/2005	Medellin		G06Q 10/02 705/6

OTHER PUBLICATIONS

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

Santa Barbara, CA (SBA)

ON

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

⌚ Boarding time

8:15 AM

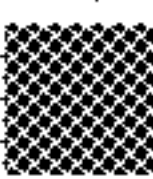
⌚ On Time

Flight

Upgrades

Standbys

Standby List

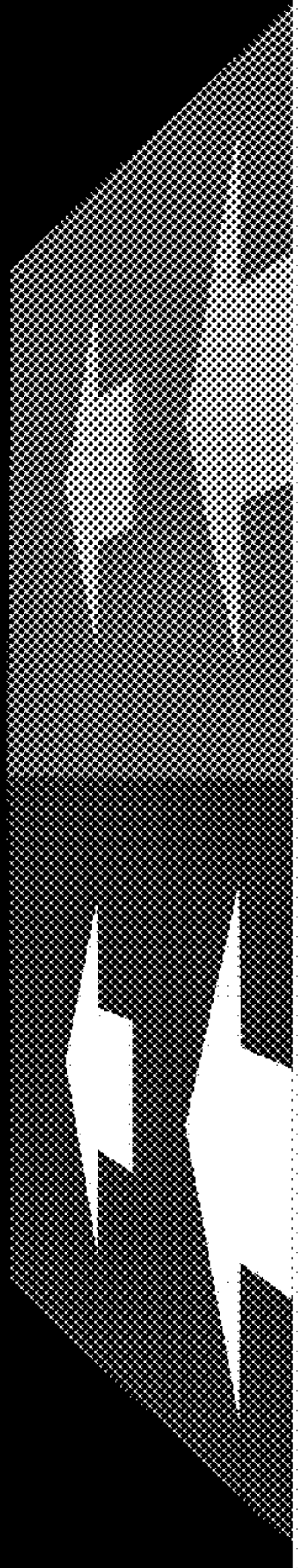
United First = Available United Economy = Available  = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1. ROD, R.	✓	12A	7. ROD, R.		--
2. STA, J.	✓	12B	8. STA, J.		--
3. STA, B.	✓	--	9. CHO, M.		--
4. JOH, R.		--	10. RAN, C.		--
5. MIN, A.		--	11. SIM, A.		--
6. ROD, T.	✓	--	12. RIN, L.		--

Now Boarding

Group 1

Use the Blue lane



» Next Departure: New York / Laganaria, NY ✈ UA944 ✈ Departs: 4:30 PM On Time «

Wed Sep 30 12:30 PM

FIG. 1

Santa Barbara, CA (SBA)

CA

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

🕒 Boarding time

8:15 AM

🕒 On Time

Flight

Upgrades

Standbys

Standby List

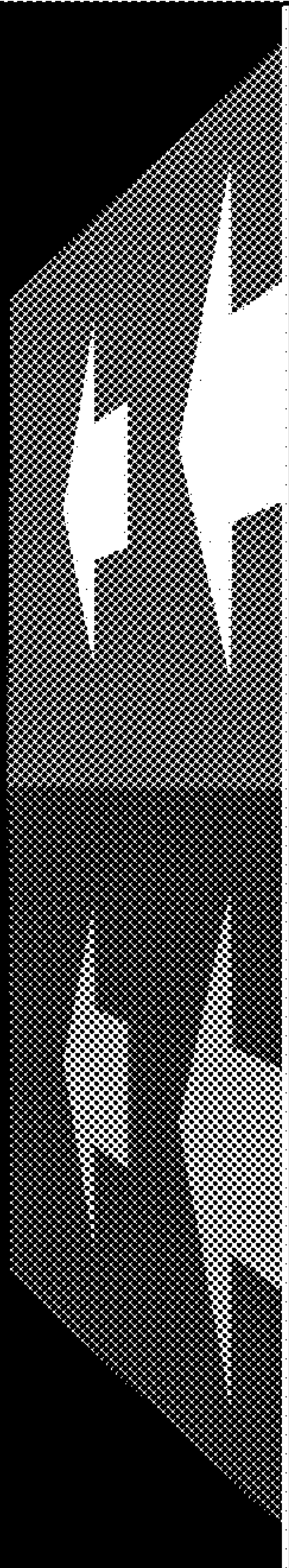
United First = Available United Economy = Available = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1. ROD, R.	✓	12A	7. ROD, R.	--	--
2. STA, J.	✓	12B	8. STA, J.	--	--
3. STA, B.	✓	--	9. CHO, M.	--	--
4. JOH, R.	--	--	10. RAN, C.	--	--
5. MIN, A.	--	--	11. SIM, A.	--	--
6. ROD, T.	✓	--	12. RIN, L.	--	--

Now Boarding

Group 2

Use the Green lane



» Next Departure: New York / Laganaria, NY ✈ UA944 ✈

Departs: 4:30 PM On Time ⏸

Wed Sep 30 8:30 AM

FIG. 2

Santa Barbara, CA (SBA)

ON

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

🕒 Boarding time

8:15 AM

🕒 On Time

Flight

Upgrades

Standbys

United First = Available

United Economy = Available

■ = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1. PEE, B.	✓	8A	7. ROD, R.	--	--
2. PEE, B.	✓	10A	8. STA, J.	--	--
3. STA, B.	✓	20E	9. CHO, M.	--	--
4. JOH, R.	--	--	10. RAN, C.	--	--
5. MIN, A.	--	--	11. SIM, A.	--	--
6. ROD, T.	✓	--	12. RIN, L.	--	--

» Next Departure: New York / Laganaria, NY

✈ UA944

✈ Departs: 4:30 PM

🕒 On Time

»

Wed Sep 30

8:30 AM

Now Boarding

Group 3

Use the Green lane

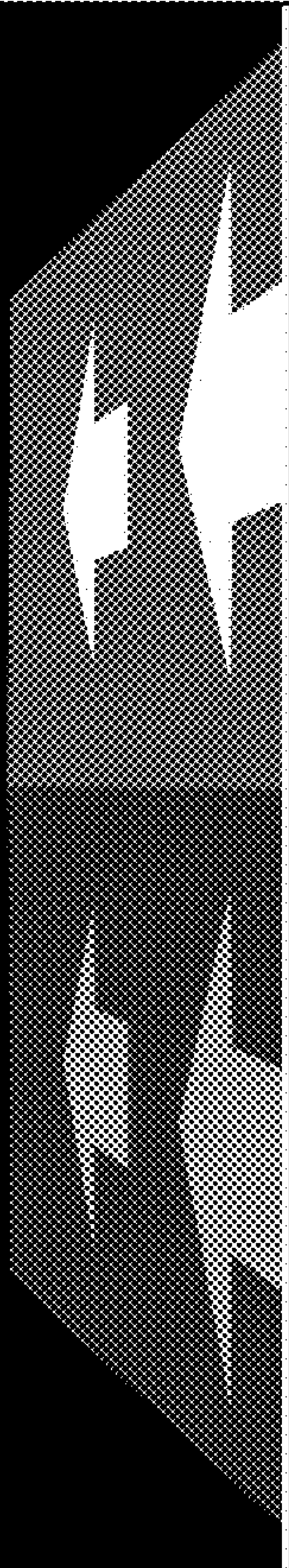


FIG. 3

Santa Barbara, CA (SBA)

ON

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

🕒 Boarding time

8:15 AM

🕒 On Time

Flight

Upgrades

Standbys

Standby List

United First = Available United Economy = Available  = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1 FLO, B.	✓	1A	7 ROD, R.	-	-
2 FLO, B.	✓	1B	8 STA, J.	-	-
3 STA, B.	✓	-	9 CHO, M.	-	-
4 JOH, R.	-	-	10 RAN, C.	-	-
5 MIN, A.	-	-	11 SIM, A.	-	-
6 ROD, T.	✓	-	12 RIN, L.	-	-

Now Boarding

Group 1

Use the Blue lane



✈ Next Departure: New York / Laganaria, NY

✈ UA344

✈ Departs: 4:30 PM

✈ On Time

✈

Wed Sep 30 8:30 AM

FIG. 4

Santa Barbara, CA (SBA)

ON

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

🕒 Boarding time

8:15 AM

🕒 On Time

Flight

Upgrades

Standbys

Standby List

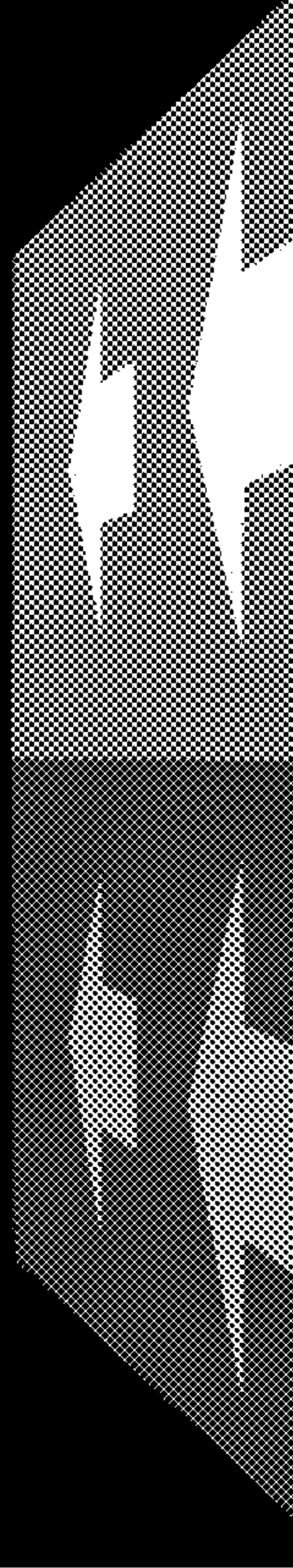
United First = Available United Economy = Available  = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1 JON, R.	✓	12A	7 ROD, R.		--
2 JON, R.	✓	12B	8 STA, J.		--
3 STA, B.	✓	--	9 CHO, M.		--
4 JOH, R.		--	10 RAN, C.		--
5 MIN, A.		--	11 SIM, A.		--
6 ROD, T.	✓	--	12 RIN, L.		--

Now Boarding

Group 2

Use the Green lane



» Next Departure: New York / Laganaria, NY

✈ UA944

✈ Departs: 4:30 PM

🕒 On Time

»

Wed Sep 30 8:30 AM

FIG. 5

Santa Barbara, CA (SBA)

ON

✈ Flight number

UA 1112

✈ Est. Departure

9:00 AM

✈ Est. Arrival

1:50 PM

🕒 Boarding time

8:15 AM

🕒 On Time

Flight

Upgrades

Standbys

United First = Available

United Economy = Available

🟩 = Cleared

Name	Checked-In	Seat	Name	Checked-In	Seat
1 JEN, J.	✓	1A	7 ROD, R.	--	--
2 JEN, J.	✓	1B	8 STA, J.	--	--
3 JEN, J.	✓	1C	9 CHO, M.	--	--
4 JOH, R.	--	--	10 RAN, C.	--	--
5 MIN, A.	--	--	11 SIM, A.	--	--
6 ROD, T.	✓	--	12 RIN, L.	--	--

» Next Departure: New York / Laguardia, NY ✈ UA 944

✈ Departs: 4:50 PM

🕒 On Time

✈

🕒 Med Sep 30

🕒 5:30 AM

Now Boarding

Group 3

Use the Green lane

FIG. 6