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**(12) United States Patent
Patel****(10) Patent No.: US 11,481,772 B2****(45) Date of Patent: *Oct. 25, 2022****(54) METHOD AND SYSTEM FOR PRESENTING
REPRESENTATIONS OF PAYMENT
ACCEPTING UNIT EVENTS****(56) References Cited****U.S. PATENT DOCUMENTS**(71) Applicant: **PAYRANGE INC.**, Portland, OR (US)

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(73) Assignee: **PAYRANGE INC.**, Portland, OR (US)**FOREIGN PATENT DOCUMENTS**

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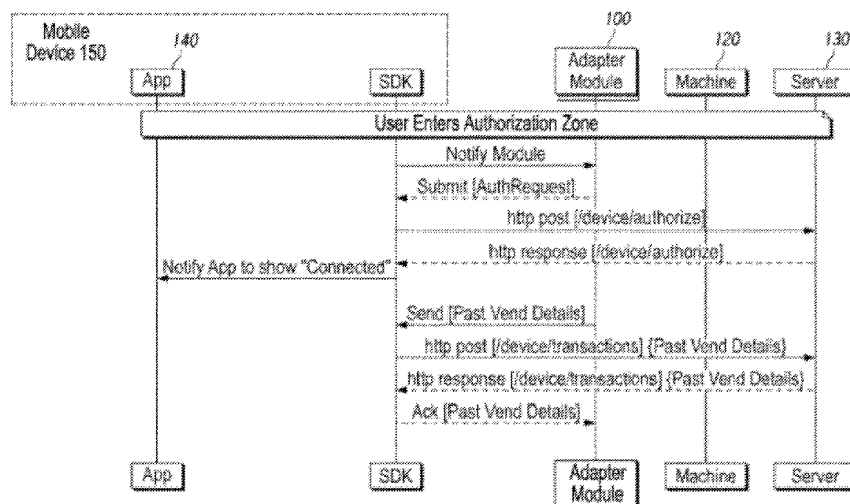
(63) Continuation of application No. 17/147,305, filed on Jan. 12, 2021, which is a continuation of application (Continued)

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CPC **G06Q 20/40** (2013.01); **G06Q 20/18** (2013.01); **G06Q 20/322** (2013.01); (Continued)(58) **Field of Classification Search**
CPC G06Q 20/40; G06Q 20/18; G06Q 20/322; G06Q 20/3226; G06Q 20/327; G06Q 20/3278; G07F 7/0893; G07F 9/023 (Continued)**(57) ABSTRACT**

A mobile device presents representations of payment accepting unit events on a display, by identifying a payment accepting unit that is available to accept payment from a mobile payment application executing on the mobile device, displaying a visual indication of the payment accepting unit and accepting user input to receive selection of the payment accepting unit and trigger payment, establishing a wireless communication path including the mobile device and the payment accepting unit, enabling user interaction with the user interface to complete the transaction, exchanging information with the available payment accepting unit via the one or more radio transceivers in conjunction with the transaction, and displaying an updated user interface of the mobile payment application.

20 Claims, 45 Drawing Sheets

Related U.S. Application Data

No. 15/603,400, filed on May 23, 2017, now Pat. No. 10,891,614, which is a continuation of application No. 14/458,199, filed on Aug. 12, 2014, now Pat. No. 9,659,296, which is a continuation-in-part of application No. 14/456,683, filed on Aug. 11, 2014, now Pat. No. 9,256,873, which is a continuation of application No. 14/335,762, filed on Jul. 18, 2014, now Pat. No. 9,547,859, which is a continuation of application No. 14/214,644, filed on Mar. 14, 2014, now Pat. No. 8,856,045, which is a continuation-in-part of application No. 29/477,025, filed on Dec. 18, 2013, now Pat. No. Des. 755,183.

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- (58) **Field of Classification Search**
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 See application file for complete search history.

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