Exemplary of:

Sharing Wi-Fi through Social Media



US 9,288,744 B2

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(12) United States Patent

- (54) METHOD AND APPARATUS FOR SHARING CONNECTIVITY SETTINGS VIA SOCIAL
- NETWORKS

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 U.S.C. 154(b) by 94 days.
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- (22) PCT Filed: May 27, 2011
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 - (2), (4) Date: Nov. 27, 2013
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- (65) Prior Publication Data
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- (51) Int. Cl.

 ### 48/10 (2009.01)

 ### 48/16 (2009.01)

 #### 12/98 (2006.01)

 #### 12/94 (2009.01)
- (58) Field of Classification Search CPC H04W 48/16; H04W 48/10; H04W 12/04; H04W 88/08; H04W 84/12; H04L 51/32 See application file for complete search history.

48/16 (2013.01); H04W 84/12 (2013.01); H04W

88/08 (2013.01)

(45) Date of Patent:

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(56)

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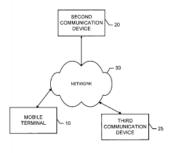
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ABSTRACT

An apparatus for enabling sharing of one or more connectivity parameters with one or more friends may include a processor and memory storing executable computer code causing the apparatus to at least perform operations including detecting one or more connection parameters and associated data of at least one access point. The computer program code may further cause the apparatus to facilitate provision of the connection parameters and associated data for inclusion within at least one profile of a user. The profile may be associated with a social network service identifying one or more relationships among one or more determined friends of the user. The computer program code may further cause the apparatus to enable provision of the connection parameters and associated data to at least one device of the user or one or more devices of the friends. Corresponding methods and computer program products are also provided

26 Claims, 6 Drawing Sheets



That which is claimed:

1. A method comprising:

detecting one or more connection parameters and associated data of at least one access point;

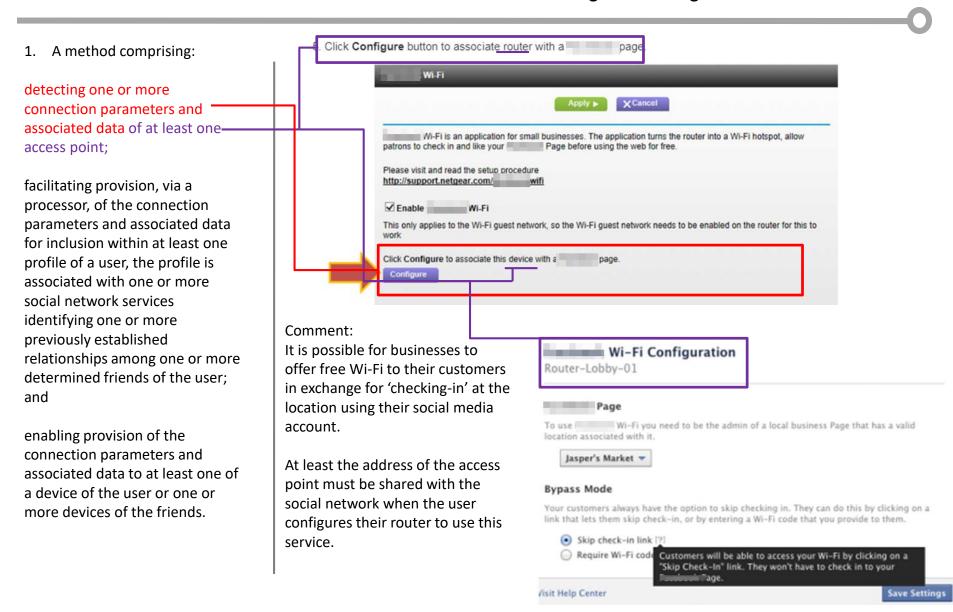
facilitating provision, via a processor, of the connection parameters and associated data for inclusion within at least one profile of a user, the profile is associated with one or more social network services identifying one or more previously established relationships among one or more determined friends of the user: and

enabling provision of the connection parameters and associated data to at least one of a device of the user or one or more devices of the friends.

https://patents.google.com/patent/US9288744/en

Exemplary of:

Sharing Wi-Fi through Social Media



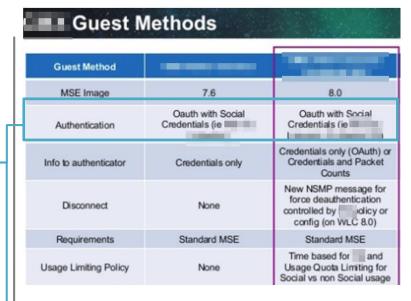
Sharing Wi-Fi through Social Media

1. A method comprising:

detecting one or more connection parameters and associated data of at least one access point;

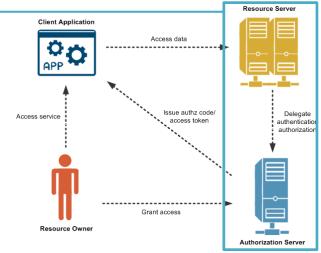
facilitating provision, via a processor of the connection parameters and associated data for inclusion within at least one profile of a user, the profile is associated with one or more social network services identifying one or more previously established relationships among one or more determined friends of the user; and

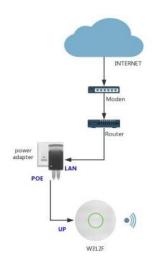
enabling provision of the connection parameters and associated data to at least one of a device of the user or one or more devices of the friends.



Comment: Users request access to the Wi-Fi network and are redirected to a social network page. The user credentials are authenticated using OAuth which uses the social network's own systems to verify a user.









Sharing Wi-Fi through Social Media

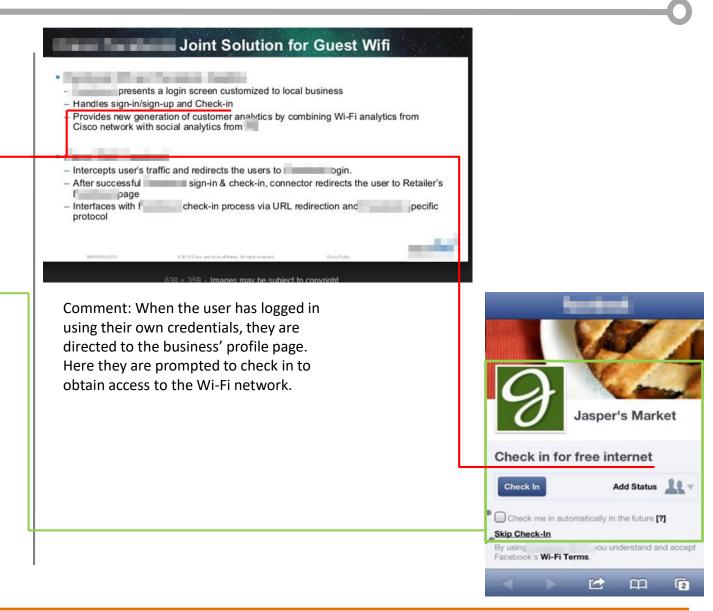
1. A method comprising:

detecting one or more connection parameters and associated data of at least one access point;

facilitating provision, via a processor, of the connection parameters and associated data for inclusion within at least one profile of a user, the profile is associated with one or more social network services

identifying one or more previously established relationships among one or more determined friends of the user; and

enabling provision of the connection parameters and associated data to at least one of a device of the user or one or more devices of the friends.



1. A method comprising:

detecting one or more connection parameters and associated data of at least one access point;

facilitating provision, via a processor, of the connection parameters and associated data for inclusion within at least one profile of a user, the profile is associated with one or more social network services identifying one or more previously established —relationships among one or more determined friends of the user; and

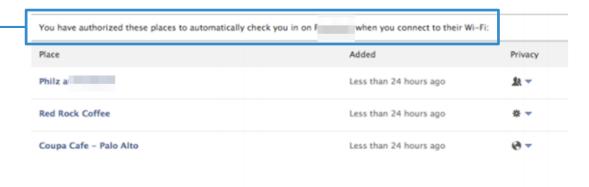
enabling provision of the connection parameters and associated data to at least one of a device of the user or one or more devices of the friends.

Turn your business into a Wi-Fi hotspot

- Customers simply check in to your location on to connect to free Wi-Fi
- Wi-Fi codes aren't necessary and there are no new accounts to create
- Customers can manually check in or choose a setting that lets them automatically check in whenever they visit your location



Comment: Users may allow the social network to automatically check in if they have been there before. If this pre-established relationship is present then the user is automatically granted access.

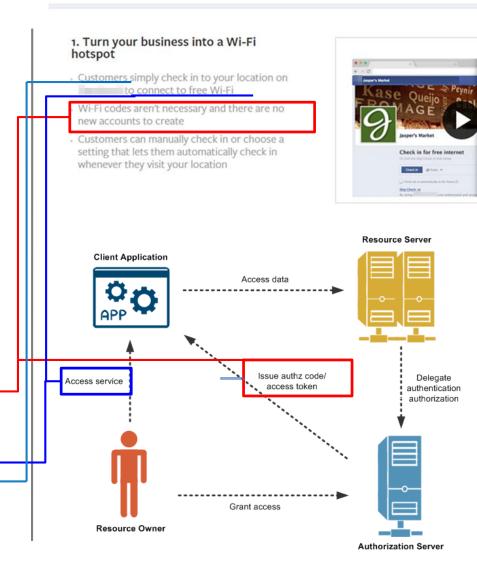


A method comprising:

detecting one or more connection parameters and associated data of at least one access point;

facilitating provision, via a processor, of the connection parameters and associated data for inclusion within at least one profile of a user, the profile is associated with one or more social network services identifying one or more previously established relationships among one or more determined friends of the user; and

enabling provision of the connection parameters and associated data to at least one of a device of the user or one or—more devices of the friends.



Comment:
Once users have checked-in they are connected to the network and free to

In this case, customers are considered friends of the business.

use the internet.