

Claims

[Claim 1]

A method, by a server, for dynamically identifying a user of an account for
5 posting images, comprising:

determining, by the server, if images posted in the account of the user
includes an image capturing device;

extracting, by the server, a characteristic of the image of the image
capturing device when it is determined that the images in the account
10 includes the image capturing device; and

identifying, by the server, an image capturing device of the user in
response to the extraction of the characteristic of the image of the image
capturing device.

15 [Claim 2]

The method according to claim 1, further comprising:

comparing, by the server, the identified image capturing device of the
user and an image capturing device of a target user; and

determining, by the server, a matching score in response to the

20 comparison of the identified image capturing device of the user and the
image capturing device of the target user.

[Claim 3]

The method according to claim 2, further comprising:

25 extracting, by the server, a characteristic of the images posted in the
account of the user to determine a fingerprint of the image capturing
device of the user,

wherein the identification of the image capturing device of the user is
performed in response to the determination of the fingerprint of the

30 image capturing device of the user.

[Claim 4]

The method according to claim 3, further comprising:

comparing, by the server, the determined fingerprint of the image
capturing device and a fingerprint of the image capturing device of the
5 target user;

wherein the matching score is determined further in response to the
comparison of determined fingerprint of the image capturing device and
the fingerprint of the image capturing device of the target user.

10 [Claim 5]

The method according to claim 4, further comprising:

determining, by the server, a content of the images posted in the account
of the user.

15 [Claim 6]

The method according to claim 5, further comprising:

comparing, by the server, the content of the images posted in the account
of the user to a content of the images posted in an account of the target
user,

20 wherein the matching score is determined further in response to the
comparison of the content of the images posted in the account of the user
to the content of the images posted in the account of the target user.

[Claim 7]

25 The method according to claim 6, further comprising:

processing, by the server, the text posted in the account of the user.

[Claim 8]

30 The method according to claim 7, wherein the step of processing the text
posted in the account of the user comprises:

determining, by the server, a content of the text posted in the account of
the user; and

comparing, by the server, the content of the text posted in the account of

the user to a content of a text posted in the account of the target user, wherein the matching score is determined further in response to the comparison of the content of the text posted in the account of the user to the content of the text posted in the account of the target user.

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[Claim 9]

The method according to claim 8, further comprising:

determining, by the server, a corresponding weight to each of the (i) the comparison of the identified image capturing device of the user and the
10 image capturing device of the target user, (ii) the comparison of determined fingerprint of the image capturing device and the fingerprint of the image capturing device of the target user, (iii) the comparison of the content of the images posted in the account of the user to the content of the images posted in the account of the target user and (iv) the
15 comparison of the content of the text posted in the account of the user to the content of the text posted in the account of the target user, wherein the matching score is determined in response to the determination of the corresponding weights.

20 [Claim 10]

The method according to claim 9, further comprising:

determining, by the server, a likelihood if the user is the target user in response to the determined matching score.