Claims

1. A computer-implemented method comprising:

obtaining, by a data sending computing device, target information that is selected by a user of the data sending computing device, and that is to be transmitted from the data sending computing device to a data receiving computing device;

providing, for output by the data sending computing device, a user interface that identifies an address of a third-party, information transmission server that is to be accessed by the data receiving computing device to initiate assignment of a unique identifier to the data receiving device;

obtaining, by a scanning tool of the data sending computing device, a code that is displayed on the data receiving computing device;

decoding, by the data sending computing device and from the code, a unique identifier that (i) the third-party, information transmission server with whom the data sending computing device is to transmit the target information has previously associated with the data receiving computing device, and (ii) the data receiving computing device has encoded in the code after accessing the address identified in the user interface of the data sending computing device; and

transmitting, by the data sending computing device, the unique identifier and the target information to the third party, information transmission server for further transmission, by the third-party, information transmission server, to the data receiving computing device that is associated with the unique identifier.

2. The computer-implemented method of claim 1, wherein the target information comprises a link address.

3. The computer-implemented method of claim 1, wherein obtaining the target information selected by the user of the data sending computing device comprises:

copying the target information; and

pasting the target information to a specific location displayed on the data sending computing device.

4. The computer-implemented method of claim 1, wherein decoding the unique identifier comprises:

scanning, by the scanning tool of the data sending computing device, a two-dimensional code displayed on the data receiving computing device;

parsing the two-dimensional code to generate a parsed code; and

determining the unique identifier from the parsed code.

5. The computer-implemented method of claim 1, wherein decoding the unique identifier comprises:

obtaining voiceprint information transmitted by the data receiving computing device in a voiceprint transmission method;

parsing the voiceprint information to generate parsed information; and

determining the unique identifier from the parsed information.

6. The computer-implemented method of claim 1, wherein the data sending computing device is a handheld device and the data receiving computing device is a personal computer.

7. A computer-implemented method, comprising:

receiving, by an information transmission server and from a data receiving computing device, a connection request based on receiving an access request from the data receiving computing device that accesses an address of the information transmission server;

establishing, by the information transmission server, a connection to the data receiving computing device based on the connection request;

transmitting, by the information transmission server, a unique identifier corresponding to the connection to the data receiving computing device, the unique identifier being previously associated with the data receiving computing device by the information transmission server;

storing, by the information transmission server, a mapping relationship between the unique identifier and the data receiving computing device;

receiving, by the information transmission server from a data sending computing device, the unique identifier associated with the data receiving computing device and target information selected by the data sending computing device that is to be transmitted from the data sending

computing device to the data receiving computing device;

determining, by the information transmission server, that a destination for forwarding the target information is the data receiving computing device based on the received unique identifier and the mapping relationship; and

transmitting, by the information transmission server, the target information to the data receiving computing device.

8. A non-transitory, computer-readable medium storing one or more instructions executable by a computer system to perform operations comprising:

obtaining, by a data sending computing device, target information that is selected by a user of the data sending computing device, and that is to be transmitted from the data sending computing device to a data receiving computing device;

providing, for output by the data sending computing device, a user interface that identifies an address of a third-party, information transmission server that is to be accessed by the data receiving computing device to initiate assignment of a unique identifier to the data receiving device;

obtaining, by a scanning tool of the data sending computing device, a code that is displayed on the data receiving computing device;

decoding, by the data sending computing device and from the code, a unique identifier that (i) the third-party, information transmission server with whom the data sending computing device is to transmit the target information has previously associated with the data receiving computing device, and (ii) the data receiving computing device has encoded in the code after accessing the address identified in the user interface of the data sending computing device; and

transmitting, by the data sending computing device, the unique identifier and the target information to the third party, information transmission server for further transmission, by the third-party, information transmission server, to the data receiving computing device that is associated with the unique identifier.

9. The non-transitory, computer-readable medium of claim 8, wherein the target information comprises a link address.

10. The non-transitory, computer-readable medium of claim 8, wherein obtaining the target information selected by the user of the data sending computing device comprises:

copying the target information; and

pasting the target information to a specific location displayed on the first computing device.

11. The non-transitory, computer-readable medium of claim 8, wherein decoding the unique identifier comprises:

scanning, by the scanning tool of the data sending computing device, a two-dimensional code displayed on the data receiving computing device;

parsing the two-dimensional code to generate a parsed code; and

determining the unique identifier from the parsed code.

12. The non-transitory, computer-readable medium of claim 8, wherein decoding the unique identifier comprises:

obtaining voiceprint information transmitted by the data receiving computing device in a voiceprint transmission method;

parsing the voiceprint information to generate parsed information; and

determining the unique identifier from the parsed information.

13. The non-transitory, computer-readable medium of claim 8, wherein the data sending computing device is a handheld device and the data receiving computing device is a personal computer.

14. A computer-implemented system, comprising:

one or more computers; and

one or more computer memory devices interoperably coupled with the one or more computers and having tangible, non-transitory, machine-readable media storing one or more instructions that, when executed by the one or more computers, perform operations comprising:

obtaining, by a data sending computing device, target information that is selected by a user of the data sending computing device, and that is to be transmitted from the data sending computing device to a data receiving computing device;

providing, for output by the data sending computing device, a user interface that identifies an address of a third-party, information transmission server that is to be accessed by the data receiving computing device to initiate assignment of a unique identifier to the data receiving device;

obtaining, by a scanning tool of the data sending computing device, a code that is displayed on the data receiving computing device;

decoding, by the data sending computing device and from the code, a unique identifier that (i) the third-party, information transmission server with whom the data sending computing device is to transmit the target information has previously associated with the data receiving computing device, and (ii) the data receiving computing device has encoded in the code after accessing the address identified in the user interface of the data sending computing device; and

transmitting, by the data sending computing device, the unique identifier and the target information to the third party, information transmission server for further transmission, by the third-party, information transmission server, to the data receiving computing device that is associated with the unique identifier.

15. The computer-implemented system of claim 14, wherein the target information comprises a link address.

16. The computer-implemented system of claim 14, wherein obtaining the target information selected by the user of the data sending computing device comprises:

copying the target information; and

pasting the target information to a specific location displayed on the data sending computing device.

17. The computer-implemented system of claim 14, wherein decoding the unique identifier comprises:

scanning, by the scanning tool of the data sending computing device, a two-dimensional code displayed on the data receiving computing device;

parsing the two-dimensional code to generate a parsed code; and

determining the unique identifier from the parsed code.

18. The computer-implemented system of claim 14, wherein decoding the unique identifier comprises:

obtaining voiceprint information transmitted by the data receiving computing device in a voiceprint transmission method;

parsing the voiceprint information to generate parsed information; and

determining the unique identifier from the parsed information.

19. The computer-implemented system of claim 14, wherein the data sending computing device is a handheld device and the data receiving computing device is a personal computer.