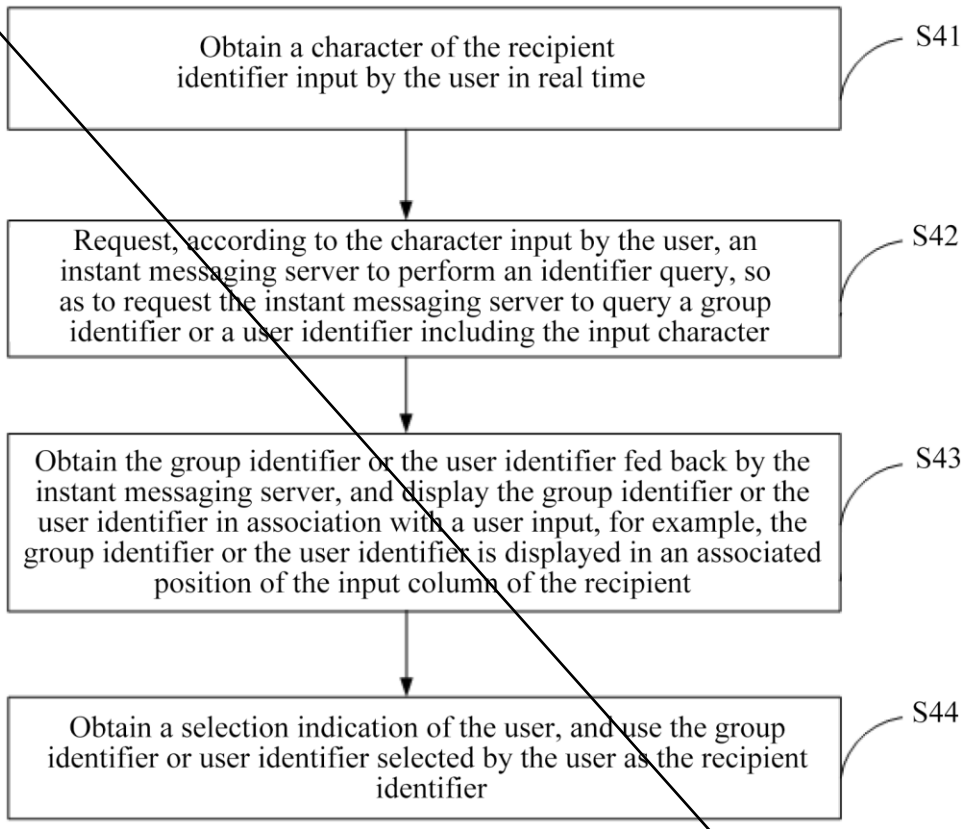

Obtain a character of the recipient identifier input by the user in real time
S41
Request, according to the character input by the user, an instant messaging server to perform an identifier query, so as to request the instant messaging server to query a group identifier or a user identifier including the input character
S42
Obtain the group identifier or the user identifier fed back by the instant messaging server, and display the group identifier or the user identifier in association with a user input, for example, the group identifier or the user identifier is displayed in an associated position of the input column of the recipient
S43
Obtain a selection indication of the user, and use the group identifier or user identifier selected by the user as the recipient identifier
S44

FIG. 4

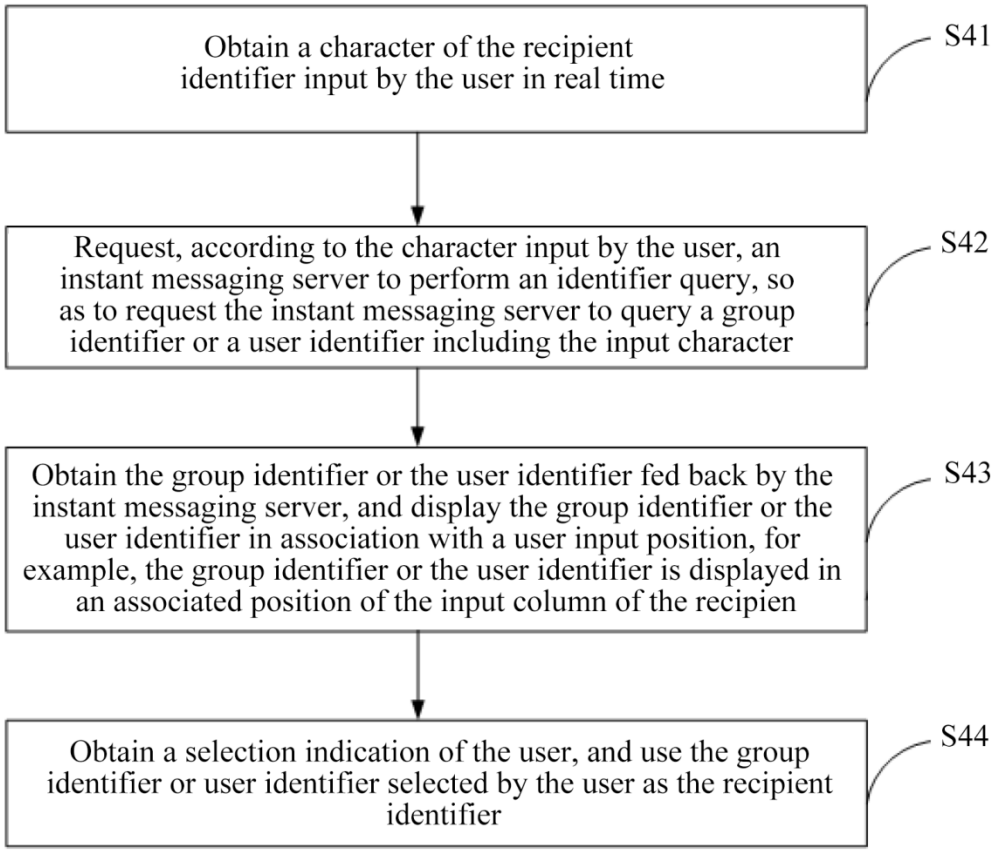

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FIG. 4