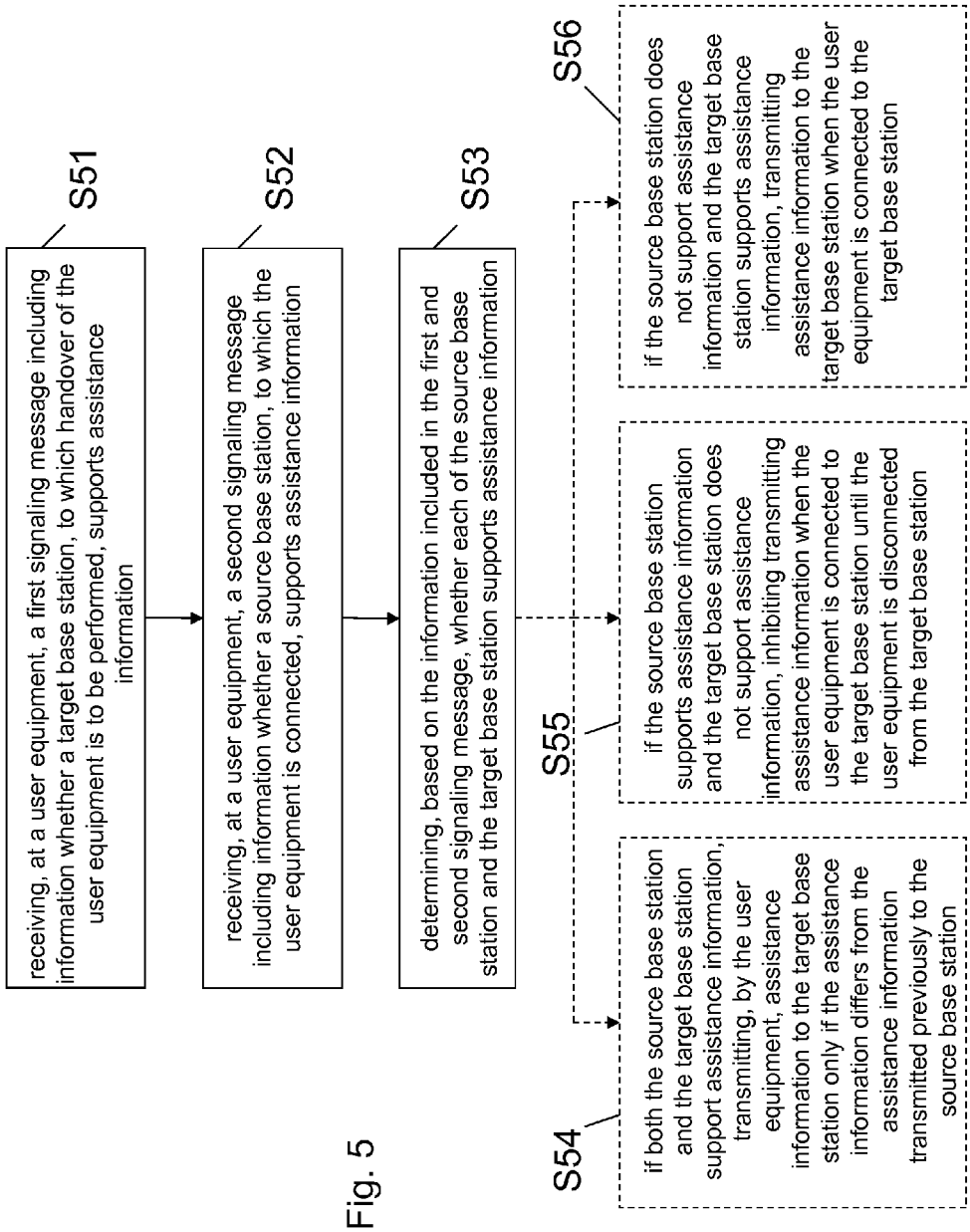
S51
receiving, at a user equipment, a first signaling message including information whether a target base station, to which handover of the user equipment is to be performed, supports assistance information
S52
receiving, at a user equipment, a second signaling message including information whether a source base station, to which the user equipment is connected, supports assistance information
S53
determining, based on the information included in the first and second signaling message, whether each of the source base station and the target base station supports assistance information
S54
if both the source base station and the target base station support assistance information, transmitting, by the user equipment, assistance information to the target base station only if the assistance information differs from the assistance information transmitted previously to the source base station
S55
if the source base station supports assistance information and the target base station does not support assistance information, inhibiting transmitting assistance information when the user equipment is connected to the target base station until the user equipment is disconnected from the target base station
S56
if the source base station does not support assistance information and the target base station supports assistance information, transmitting assistance information to the target base station when the user equipment is connected to the target base station

Fig. 5