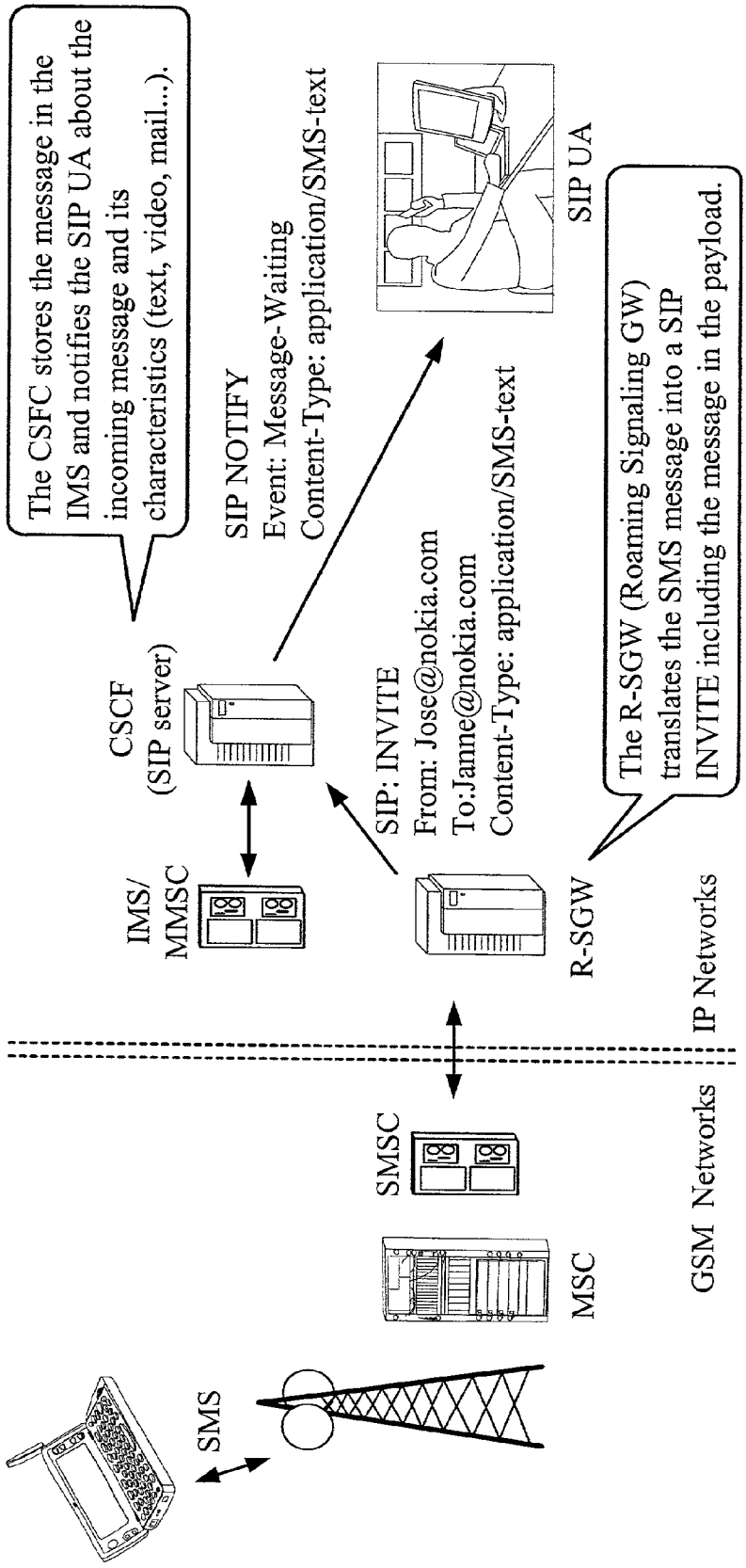
The CSFC stores the message in the IMS and notifies the SIP UA about the incoming message and its characteristics (text, video, mail...).
SIP NOTIFY
Event: Message-Waiting
Content-Type: application/SMS-text
SIP UA
CSCF
(SIP server)
IMS/
MMSC
SIP: INVITE
From: Jose@nokia.com
To:Janne@nokia.com
Content-Type: application/SMS-text
The R-SGW (Roaming Signaling GW) translates the SMS message into a SIP INVITE including the message in the payload.
R-SGW
IP Networks
SMSC
MSC
GSM Networks
SMS

FIG. 13