FIGURE 1

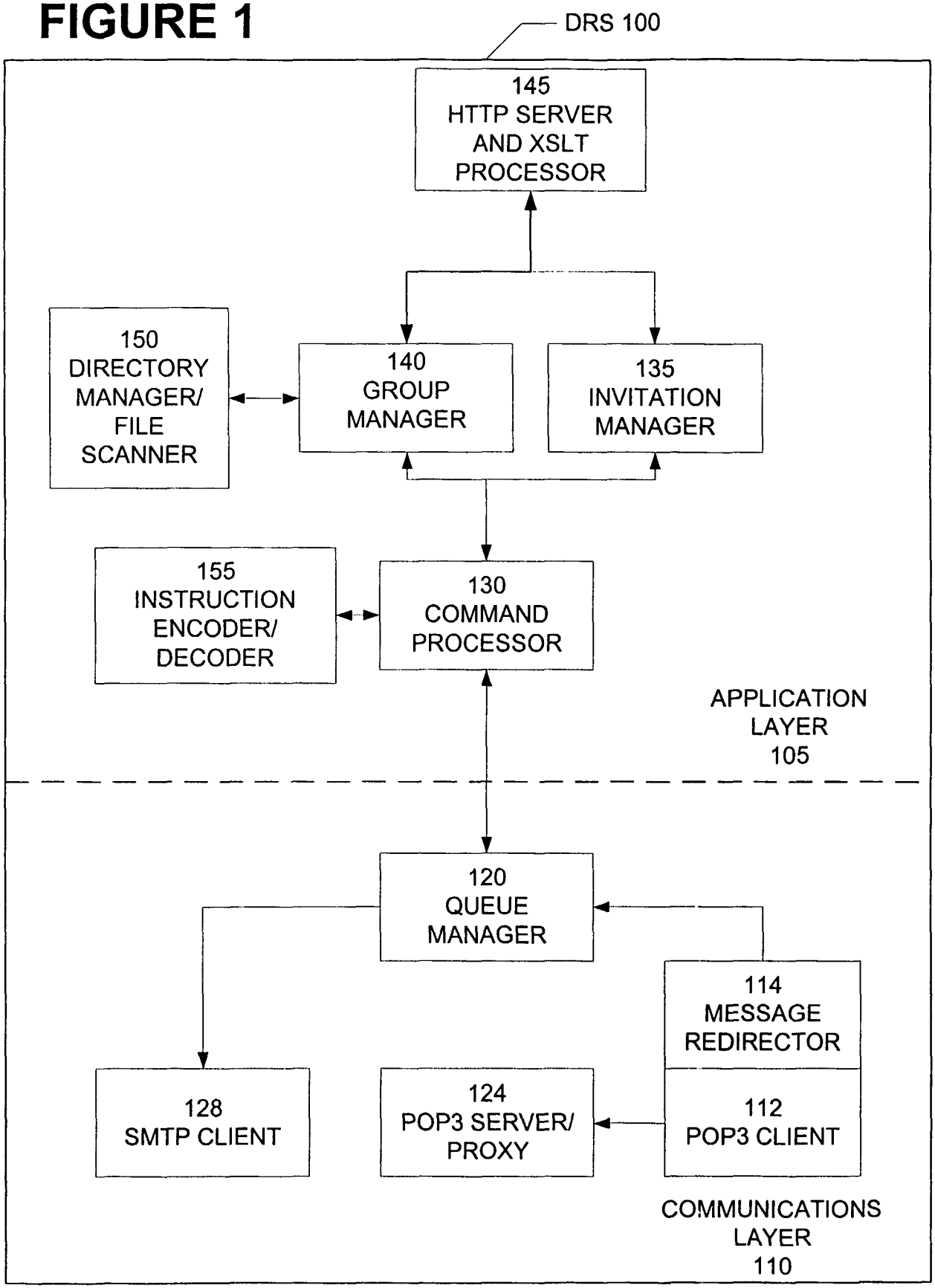

DRS 100
145
HTTP SERVER
AND XSLT
PROCESSOR
150
DIRECTORY
MANAGER/
FILE
SCANNER
140
GROUP
MANAGER
135
INVITATION
MANAGER
155
INSTRUCTION
ENCODER/
DECODER
130
COMMAND
PROCESSOR
APPLICATION
LAYER
105
120
QUEUE
MANAGER
114
MESSAGE
REDIRECTOR
128
SMTP CLIENT
124
POP3 SERVER/
PROXY
112
POP3 CLIENT
COMMUNICATIONS
LAYER
110

FIGURE 2

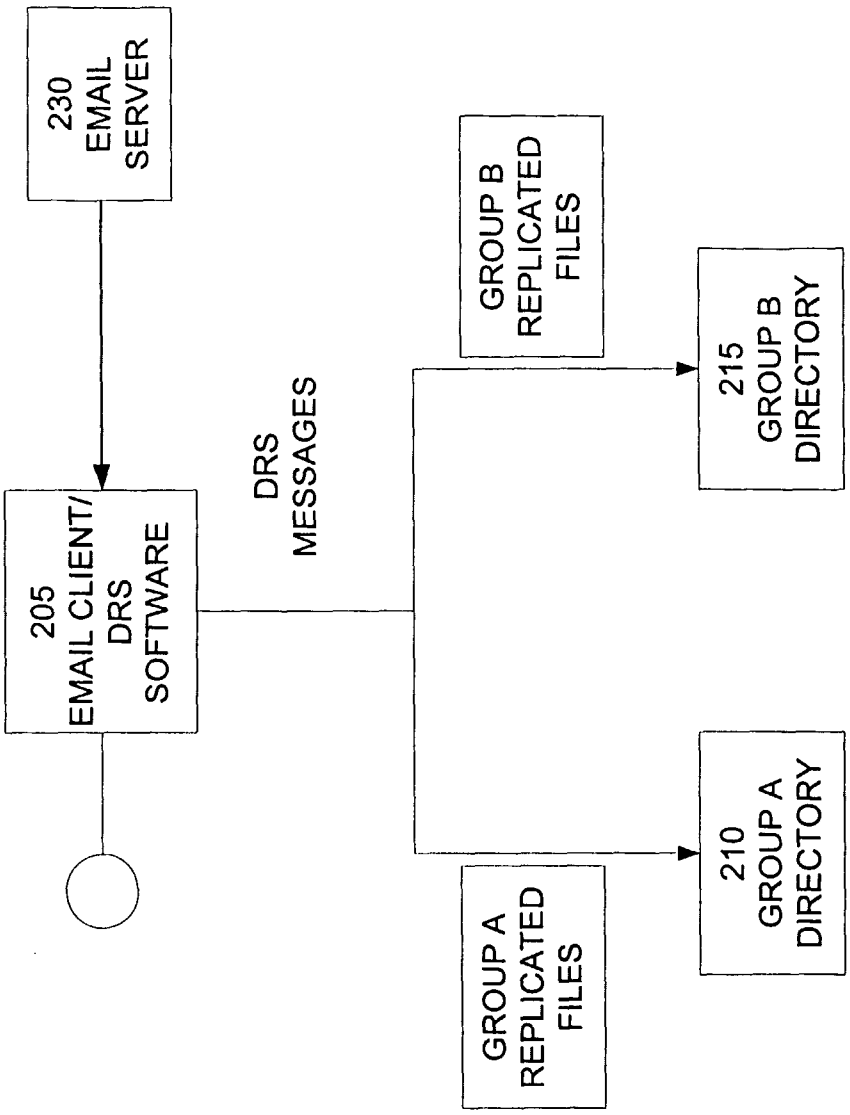

230 EMAIL SERVER
205 EMAIL CLIENT/ DRS SOFTWARE
DRS MESSAGES
GROUP B REPLICATED FILES
215 GROUP B DIRECTORY
GROUP A REPLICATED FILES
210 GROUP A DIRECTORY

FIGURE 3

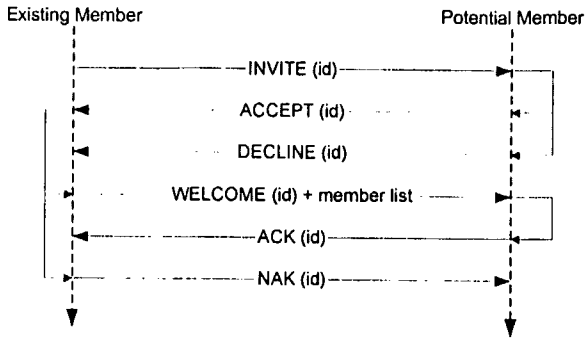


FIGURE 4

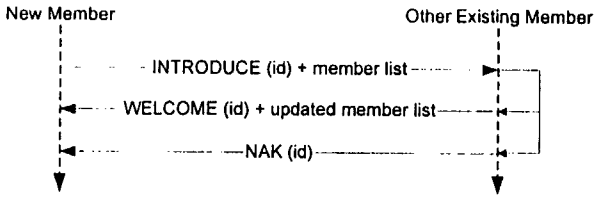


FIGURE 5

```
# url : XSLT-file xml1 xml2 xml3
/ : index.xsl groups
/group : group.xsl groups directory
/queue : queue.xsl queue
```

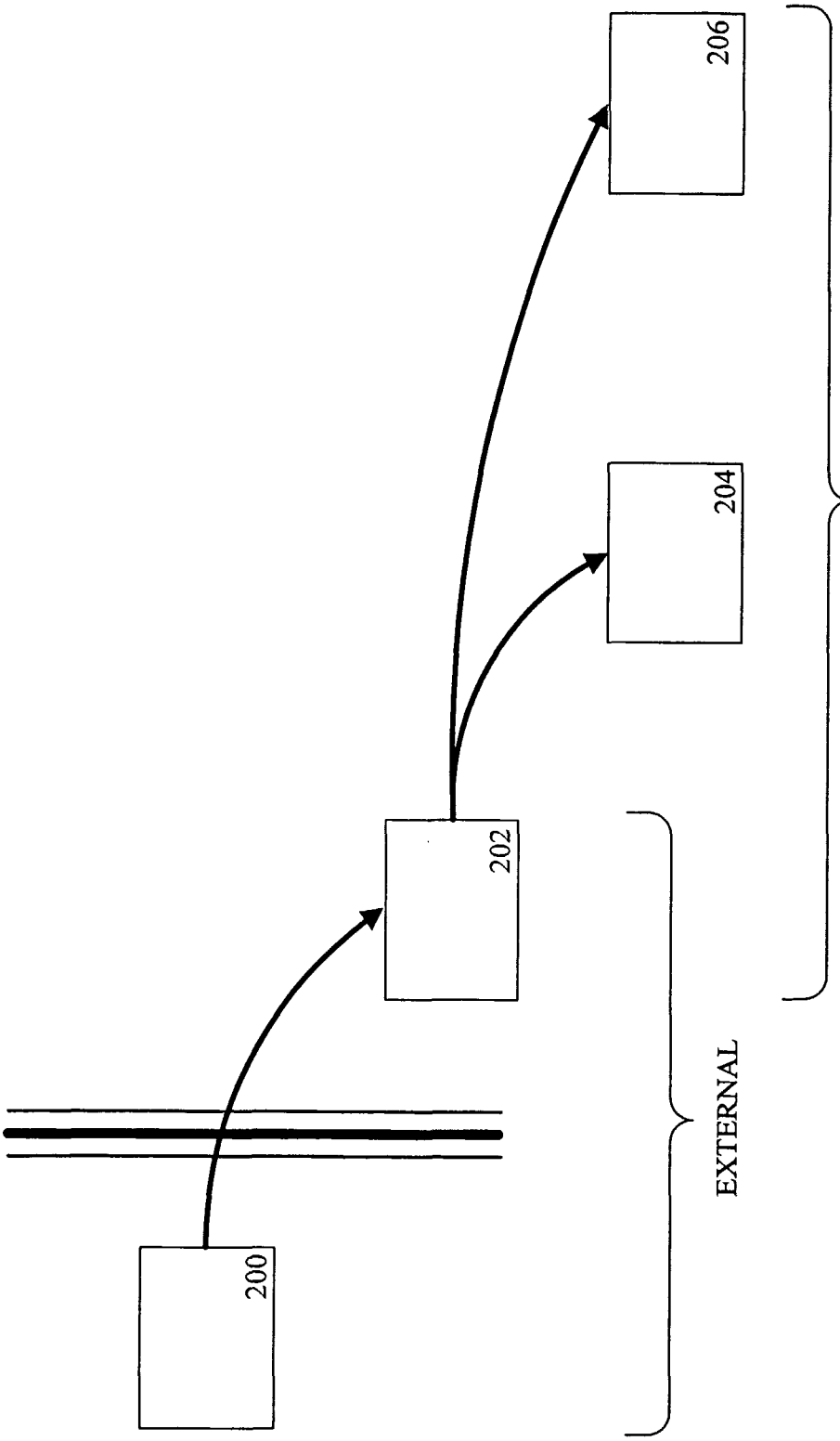


Fig. 6