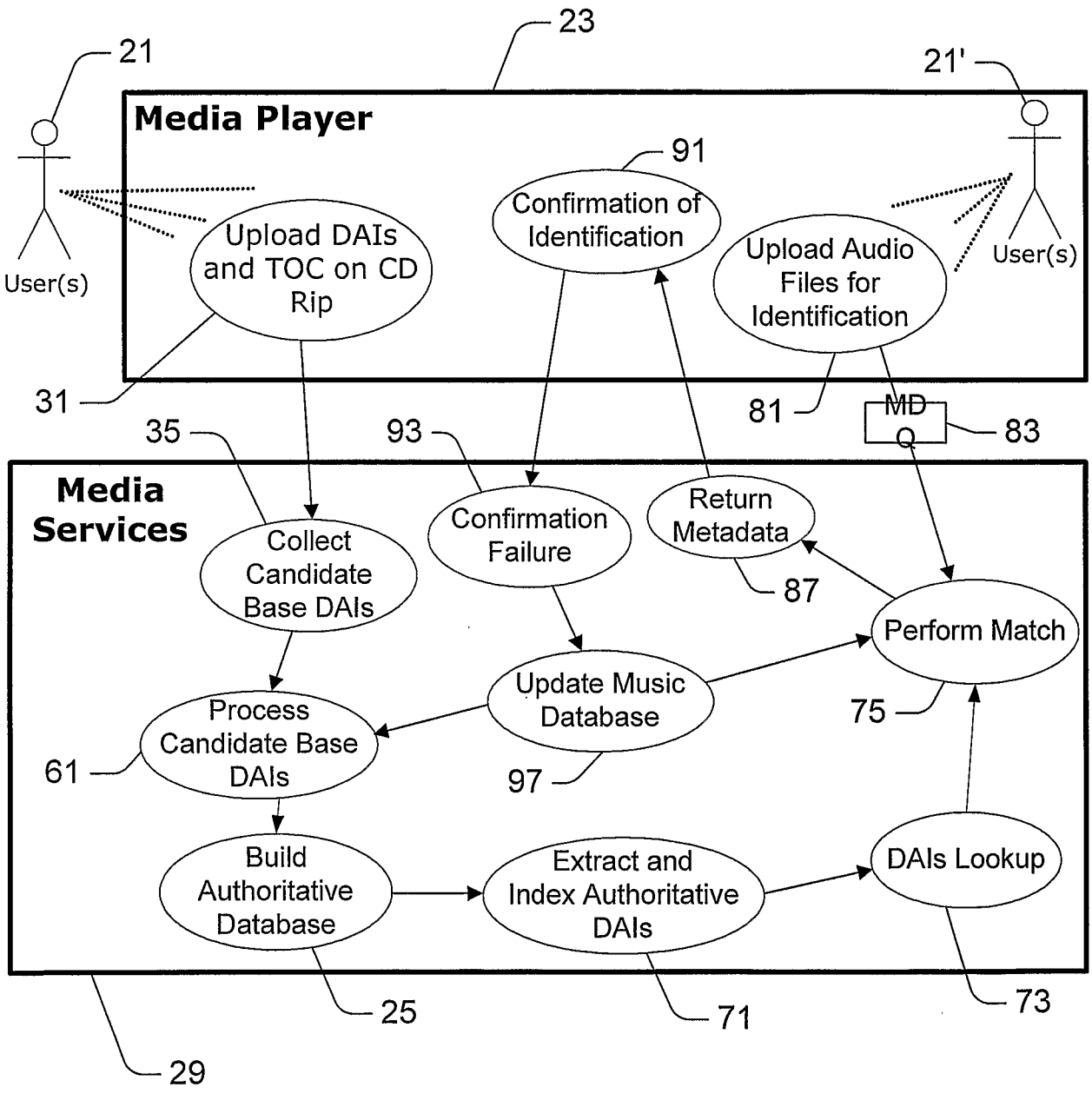
FIG. 1


23
21
21'
Media Player
User(s)
User(s)
91
Confirmation of Identification
Upload DAIs and TOC on CD Rip
Upload Audio Files for Identification
31
81
MD Q
83
35
93
Media Services
Collect Candidate Base DAIs
Confirmation Failure
Return Metadata
87
Perform Match
Update Music Database
75
Process Candidate Base DAIs
61
97
Build Authoritative Database
Extract and Index Authoritative DAIs
DAIs Lookup
25
71
73
29

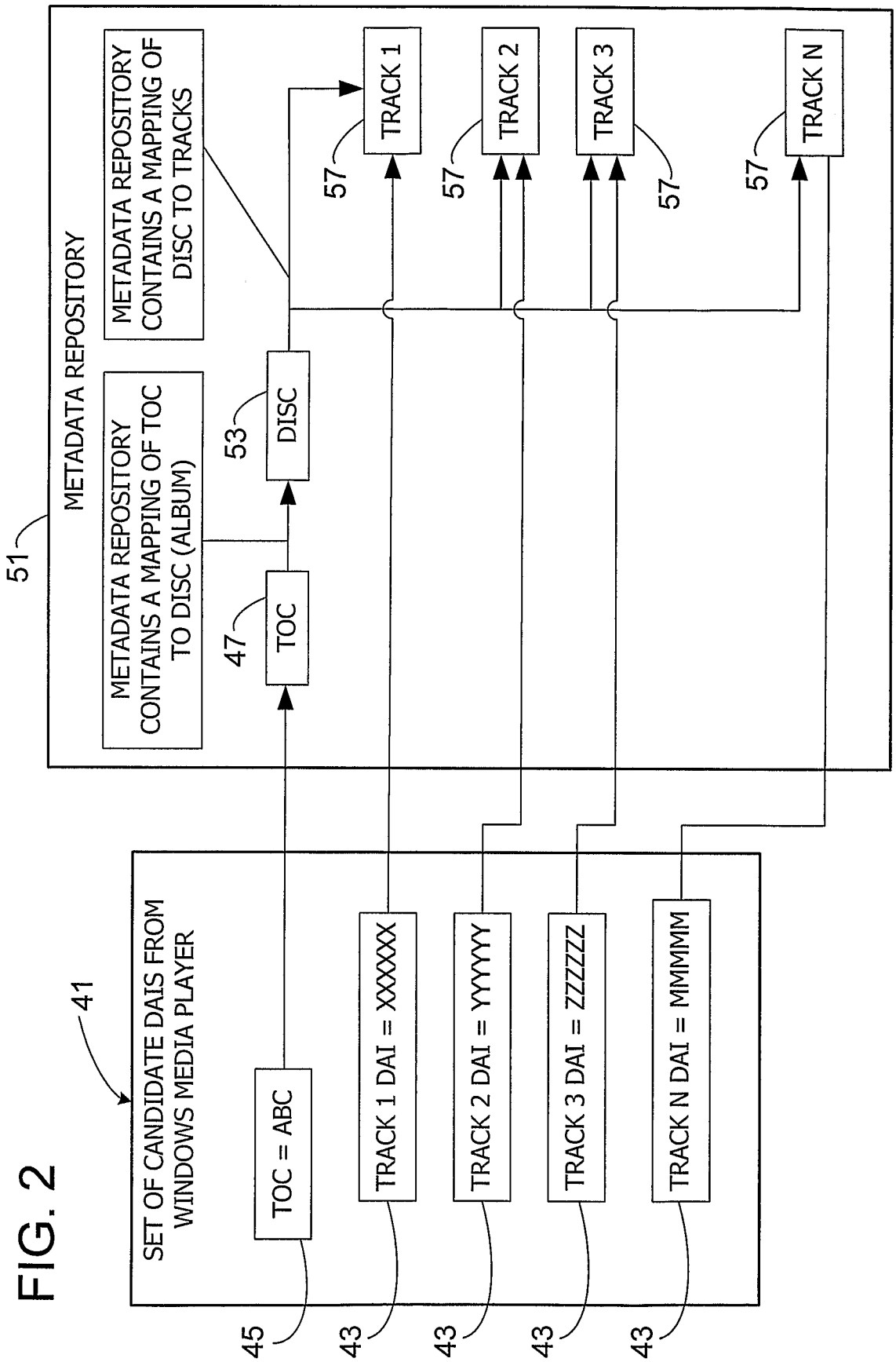

METADATA REPOSITORY
51
METADATA REPOSITORY CONTAINS A MAPPING OF TOC TO DISC (ALBUM)
METADATA REPOSITORY CONTAINS A MAPPING OF DISC TO TRACKS
TOC
47
DISC
53
TRACK 1
TRACK 2
TRACK 3
TRACK N
57
57
57
57
SET OF CANDIDATE DAIS FROM WINDOWS MEDIA PLAYER
41
TOC = ABC
TRACK 1 DAI = XXXXX
TRACK 2 DAI = YYYYY
TRACK 3 DAI = ZZZZZ
TRACK N DAI = MMMMM
45
43
43
43
43

FIG. 2

FIG. 3

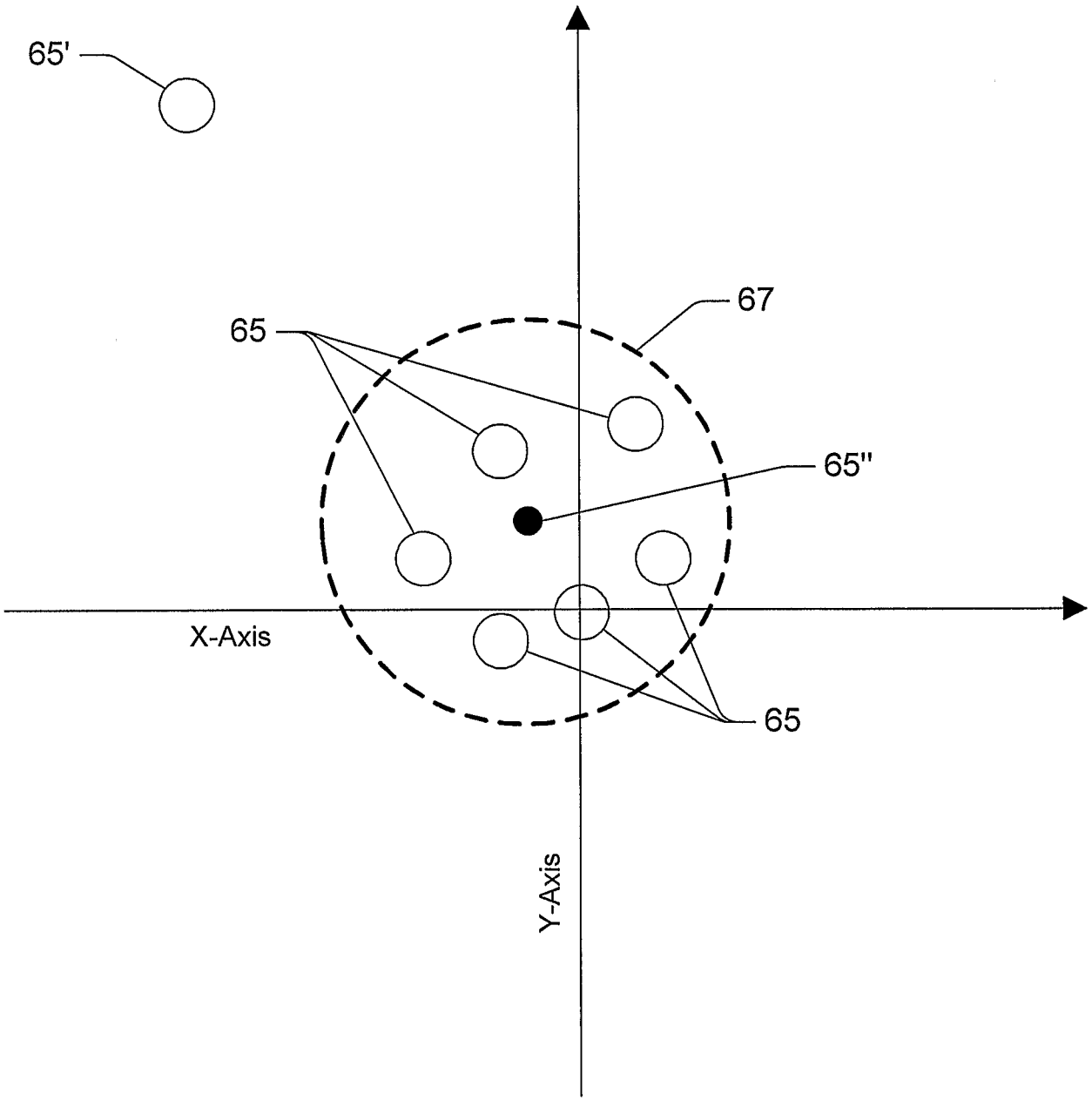


FIG. 4

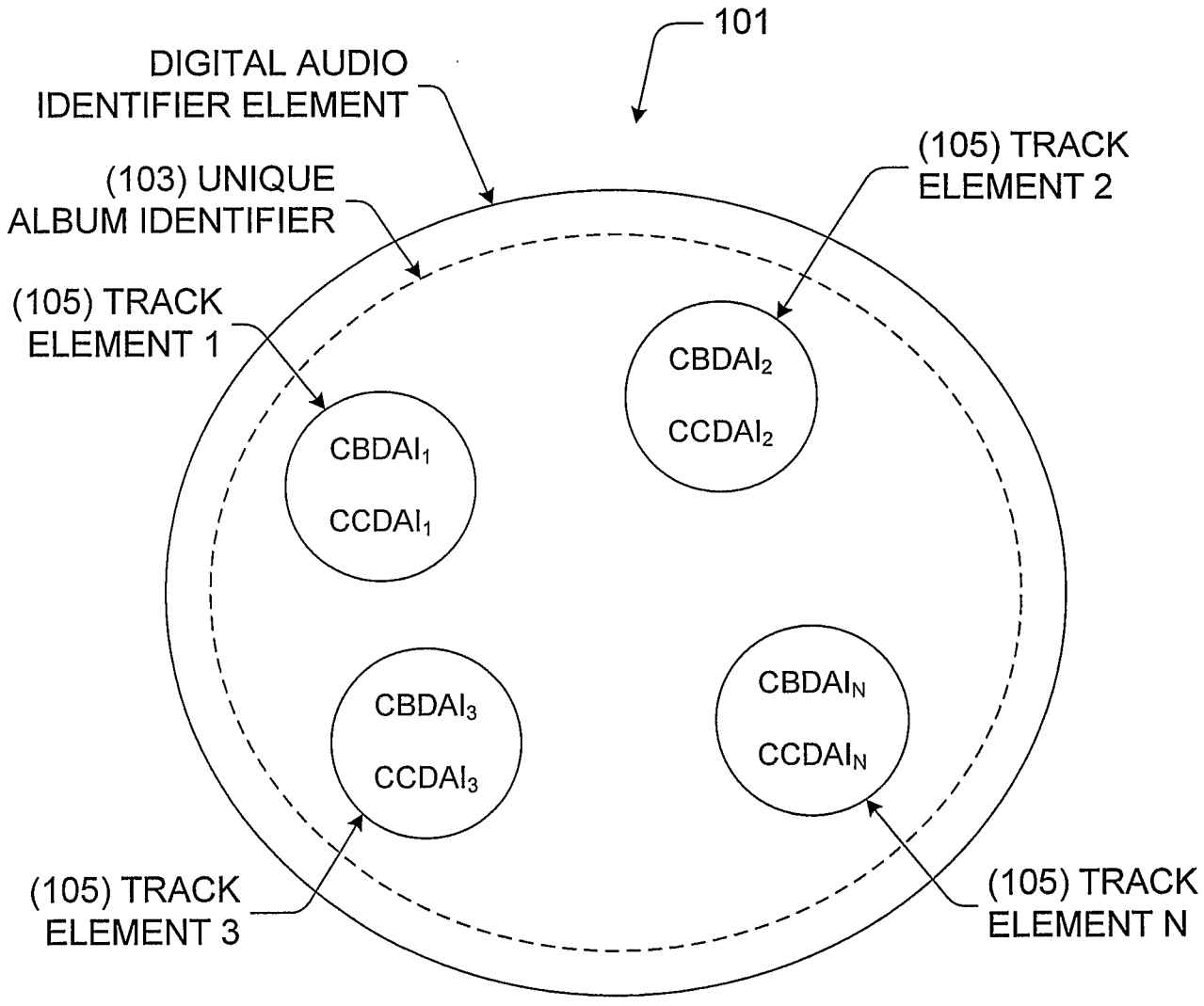

101
DIGITAL AUDIO IDENTIFIER ELEMENT
(103) UNIQUE ALBUM IDENTIFIER
(105) TRACK ELEMENT 1
(105) TRACK ELEMENT 2
(105) TRACK ELEMENT 3
(105) TRACK ELEMENT N
CBDAI1
CCDAI1
CBDAI2
CCDAI2
CBDAI3
CCDAI3
CBDAIN
CCDAIN

FIG. 5

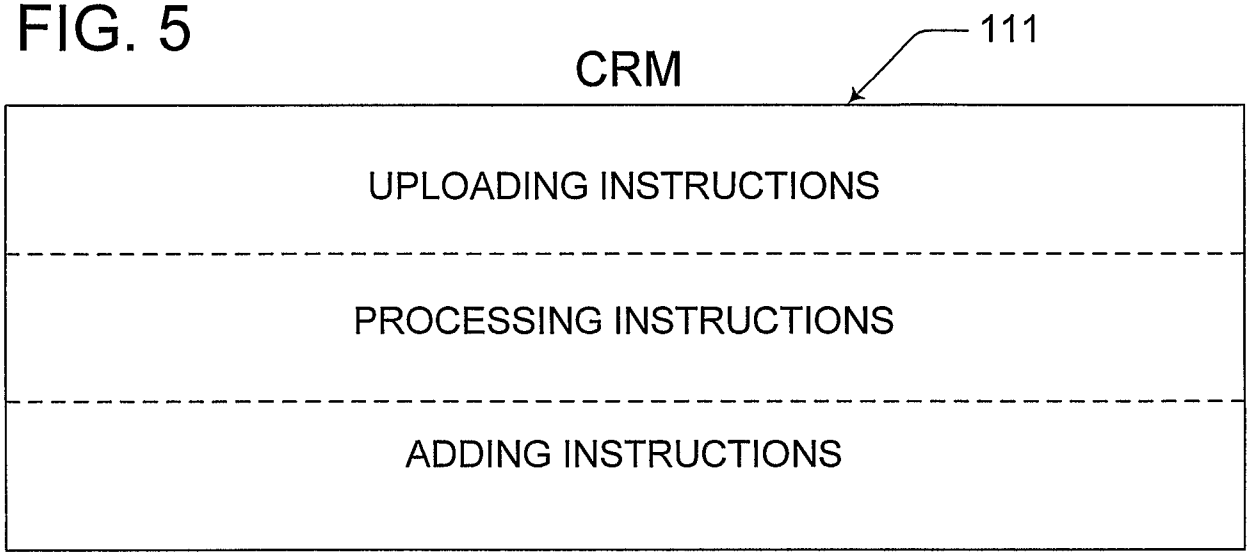
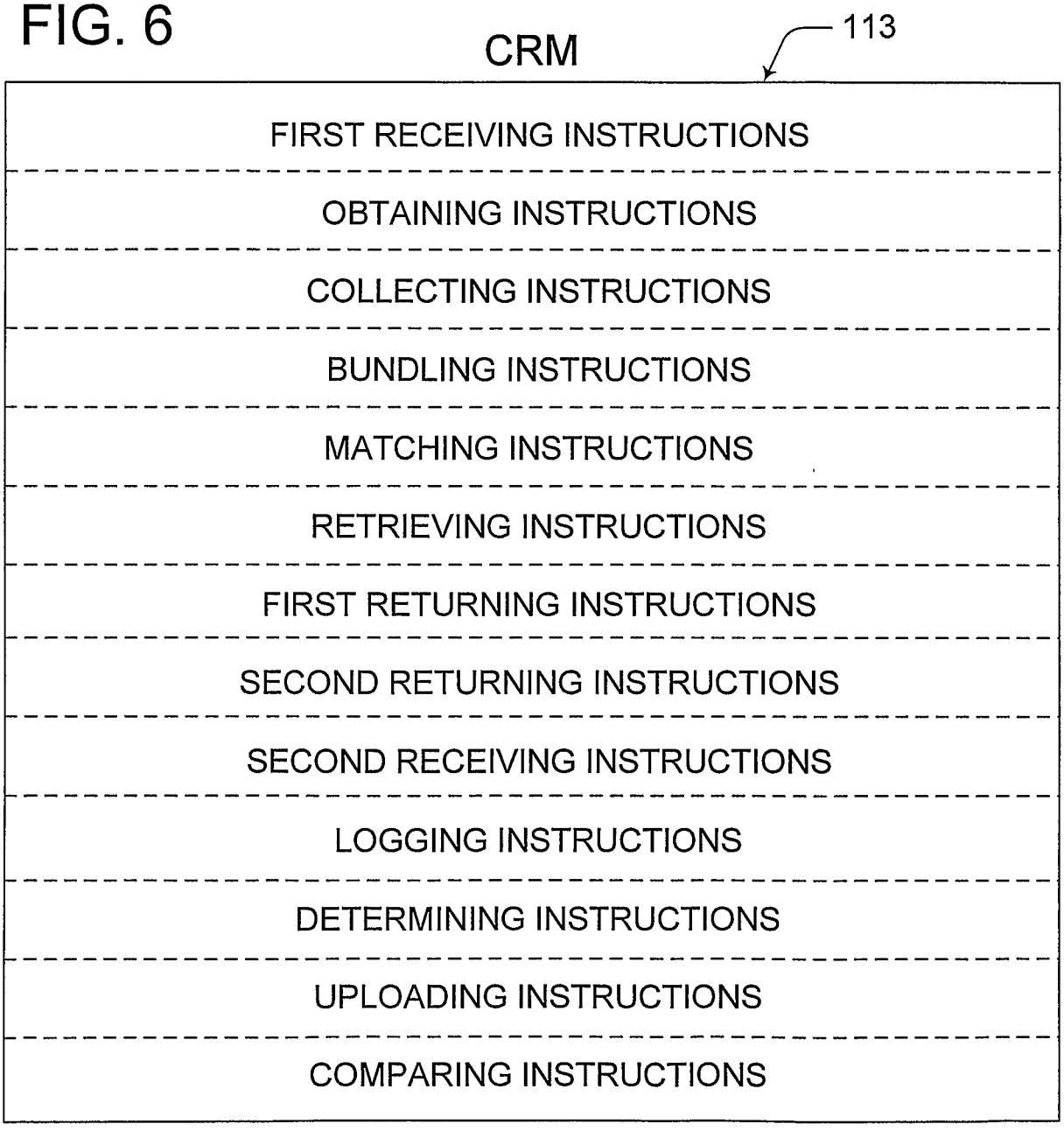
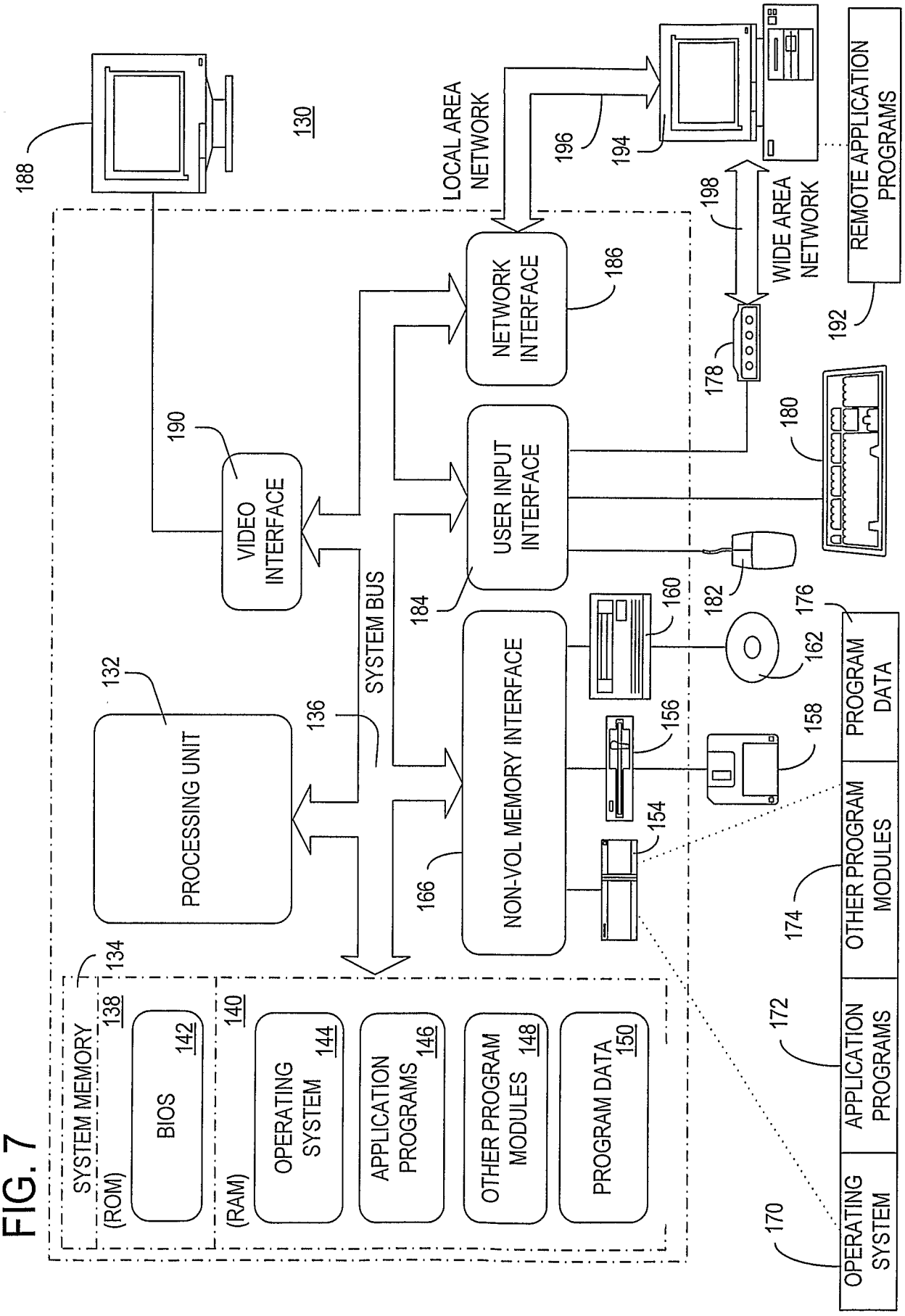

111
CRM
UPLOADING INSTRUCTIONS
PROCESSING INSTRUCTIONS
ADDING INSTRUCTIONS

FIG. 6


CRM
113
FIRST RECEIVING INSTRUCTIONS
OBTAINING INSTRUCTIONS
COLLECTING INSTRUCTIONS
BUNDLING INSTRUCTIONS
MATCHING INSTRUCTIONS
RETRIEVING INSTRUCTIONS
FIRST RETURNING INSTRUCTIONS
SECOND RETURNING INSTRUCTIONS
SECOND RECEIVING INSTRUCTIONS
LOGGING INSTRUCTIONS
DETERMINING INSTRUCTIONS
UPLOADING INSTRUCTIONS
COMPARING INSTRUCTIONS


FIG. 7
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LOCAL AREA NETWORK
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WIDE AREA NETWORK
REMOTE APPLICATION PROGRAMS
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140
(RAM)
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PROGRAM DATA
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