FIG. 1A

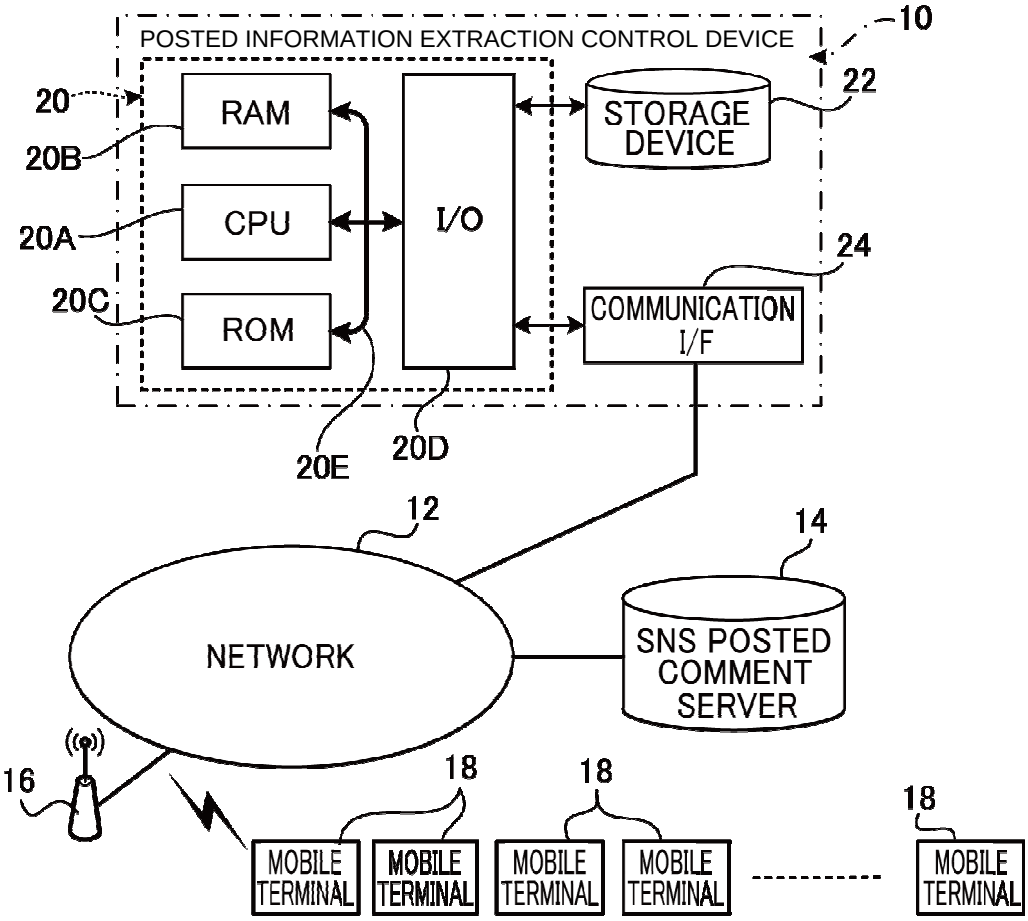

POSTED INFORMATION EXTRACTION CONTROL DEVICE
10
20
RAM
20B
CPU
20A
ROM
20C
I/O
STORAGE DEVICE
22
24
COMMUNICATION I/F
20E
20D
12
NETWORK
14
SNS POSTED COMMENT SERVER
16
18
MOBILE TERMINAL
MOBILE TERMINAL
MOBILE TERMINAL
MOBILE TERMINAL
MOBILE TERMINAL

FIG. 1B

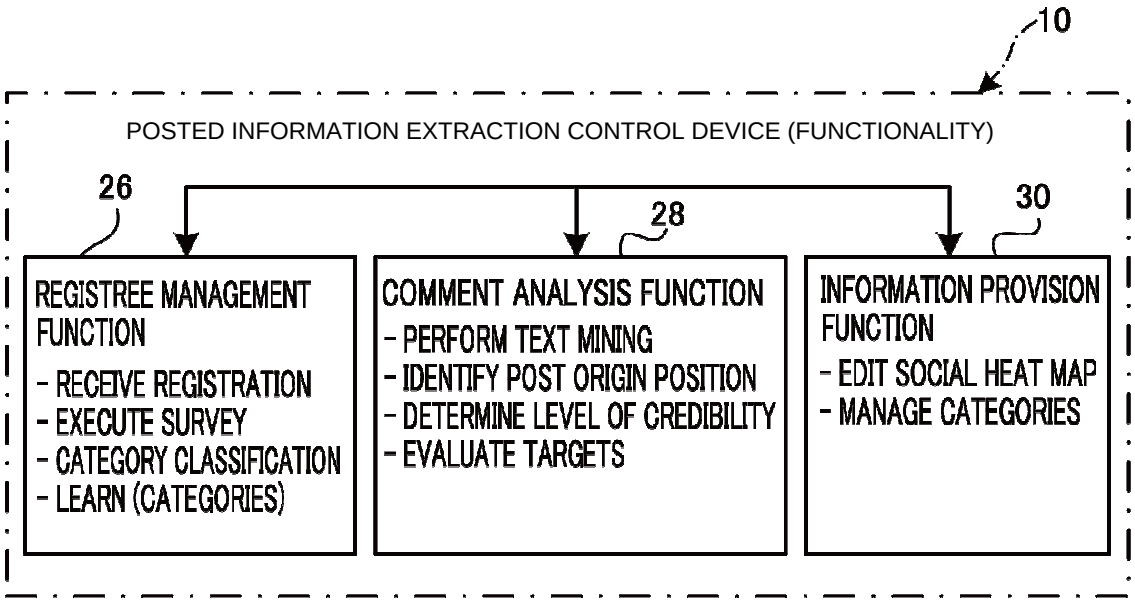

10
POSTED INFORMATION EXTRACTION CONTROL DEVICE (FUNCTIONALITY)
26
28
30
REGISTREE MANAGEMENT FUNCTION
- RECEIVE REGISTRATION
- EXECUTE SURVEY
- CATEGORY CLASSIFICATION
- LEARN (CATEGORIES)
COMMENT ANALYSIS FUNCTION
- PERFORM TEXT MINING
- IDENTIFY POST ORIGIN POSITION
- DETERMINE LEVEL OF CREDIBILITY
- EVALUATE TARGETS
INFORMATION PROVISION FUNCTION
- EDIT SOCIAL HEAT MAP
- MANAGE CATEGORIES

FIG. 2

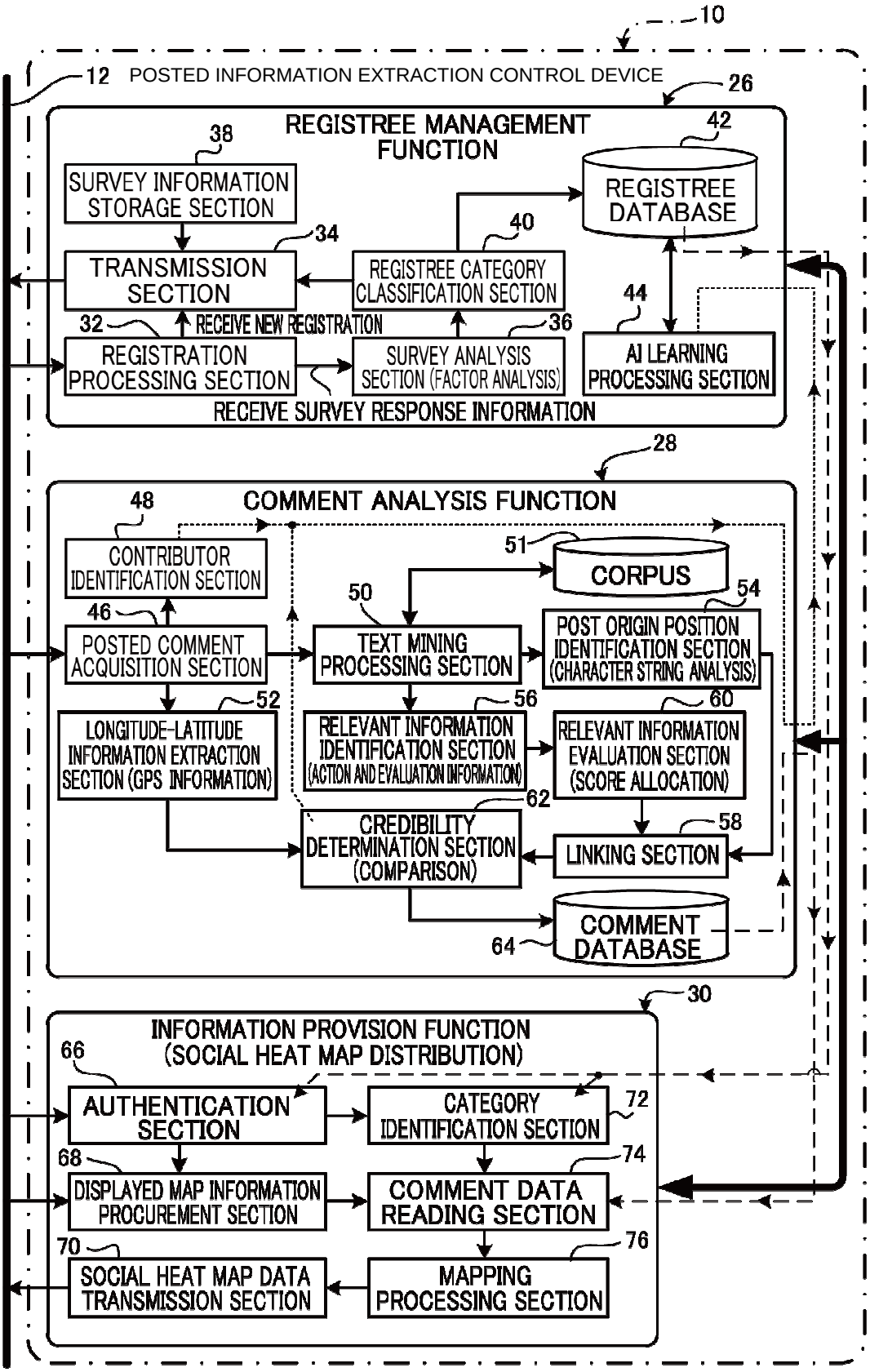
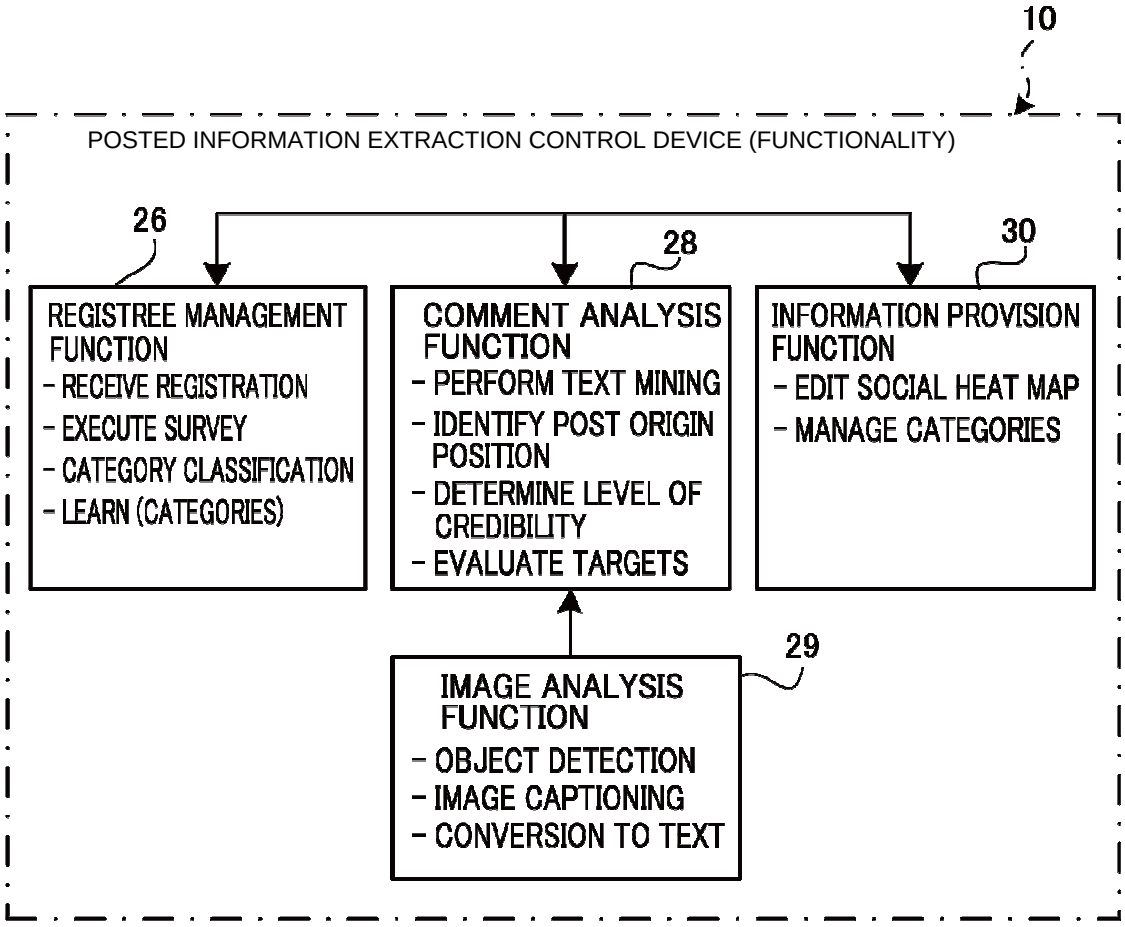

10
12 POSTED INFORMATION EXTRACTION CONTROL DEVICE
26
REGISTREE MANAGEMENT FUNCTION
38
SURVEY INFORMATION STORAGE SECTION
42
REGISTREE DATABASE
34
TRANSMISSION SECTION
40
REGISTREE CATEGORY CLASSIFICATION SECTION
44
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RECEIVE NEW REGISTRATION
36
REGISTRATION PROCESSING SECTION
SURVEY ANALYSIS SECTION (FACTOR ANALYSIS)
AI LEARNING PROCESSING SECTION
RECEIVE SURVEY RESPONSE INFORMATION
28
COMMENT ANALYSIS FUNCTION
48
CONTRIBUTOR IDENTIFICATION SECTION
51
CORPUS
50
54
46
POSTED COMMENT ACQUISITION SECTION
TEXT MINING PROCESSING SECTION
POST ORIGIN POSITION IDENTIFICATION SECTION (CHARACTER STRING ANALYSIS)
52
56
60
LONGITUDE-LATITUDE INFORMATION EXTRACTION SECTION (GPS INFORMATION)
RELEVANT INFORMATION IDENTIFICATION SECTION (ACTION AND EVALUATION INFORMATION)
RELEVANT INFORMATION EVALUATION SECTION (SCORE ALLOCATION)
62
58
CREDIBILITY DETERMINATION SECTION (COMPARISON)
LINKING SECTION
COMMENT DATABASE
64
30
INFORMATION PROVISION FUNCTION (SOCIAL HEAT MAP DISTRIBUTION)
66
AUTHENTICATION SECTION
CATEGORY IDENTIFICATION SECTION
72
68
74
DISPLAYED MAP INFORMATION PROCUREMENT SECTION
COMMENT DATA READING SECTION
70
76
SOCIAL HEAT MAP DATA TRANSMISSION SECTION
MAPPING PROCESSING SECTION

FIG. 15


10
POSTED INFORMATION EXTRACTION CONTROL DEVICE (FUNCTIONALITY)
26
REGISTREE MANAGEMENT FUNCTION
- RECEIVE REGISTRATION
- EXECUTE SURVEY
- CATEGORY CLASSIFICATION
- LEARN (CATEGORIES)
28
COMMENT ANALYSIS FUNCTION
- PERFORM TEXT MINING
- IDENTIFY POST ORIGIN POSITION
- DETERMINE LEVEL OF CREDIBILITY
- EVALUATE TARGETS
30
INFORMATION PROVISION FUNCTION
- EDIT SOCIAL HEAT MAP
- MANAGE CATEGORIES
29
IMAGE ANALYSIS FUNCTION
- OBJECT DETECTION
- IMAGE CAPTIONING
- CONVERSION TO TEXT