United States Patent [19]

Nusbickel et al.

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[54] **EXTENSIBLE METHOD AND APPARATUS FOR RETRIEVING FILES HAVING UNIQUE RECORD IDENTIFIERS AS FILE NAMES DURING PROGRAM EXECUTION**

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[51] **Int. Cl.**[7] **G06F 17/30**

[52] **U.S. Cl.** **707/205**; 707/200

[58] **Field of Search** 707/200, 205, 707/508

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[57] **ABSTRACT**

In an information processing system with a database for storing database records wherein each of said database records has a unique identifier, a method for naming data files comprising the steps of: (a) associating at least one of said database records with additional data specified by a data file name; and (b) naming at least part of said data file name to said unique record identifier for said one of said database records of step (a). In an alternate embodiment, an information processing system with a database for storing database records wherein each of said database records has a unique identifier; at least one data file name for specifying additional data wherein part of each data file name is composed of one of said unique identifiers for one of said database records, a method for locating data files comprising the steps of: retrieving one of said database records; determining said unique identifier for one of said database records; and retrieving any additional data using said data file name.

32 Claims, 7 Drawing Sheets

400
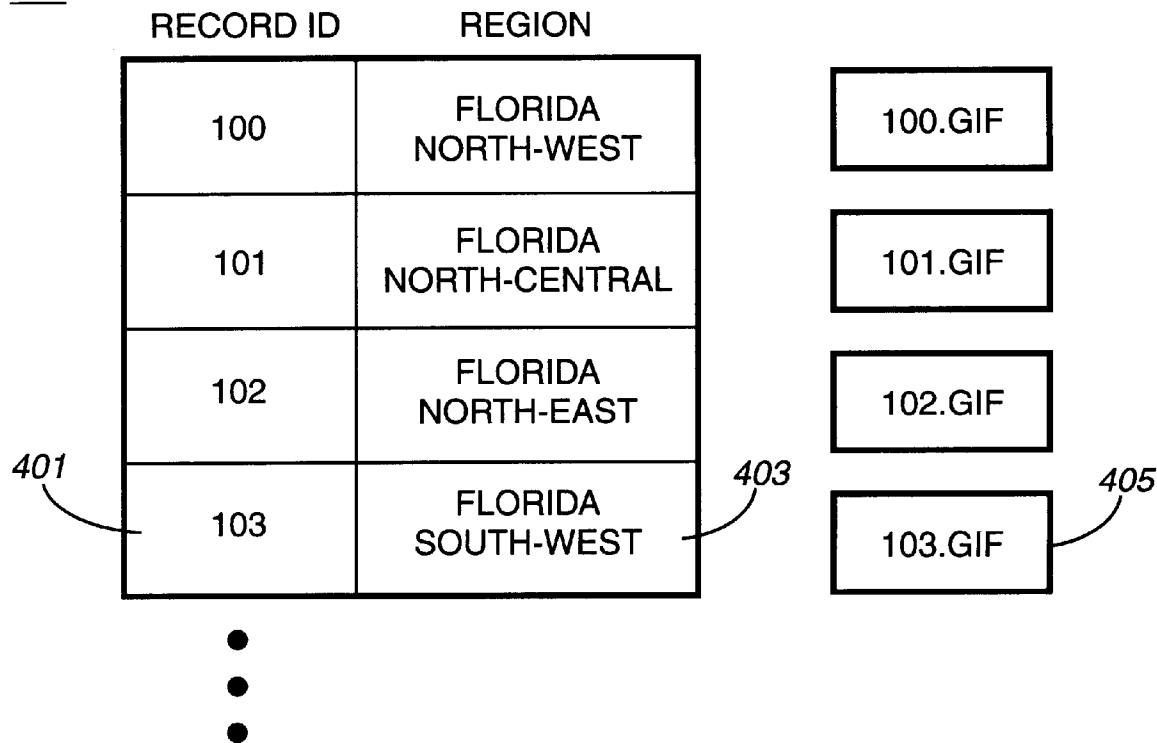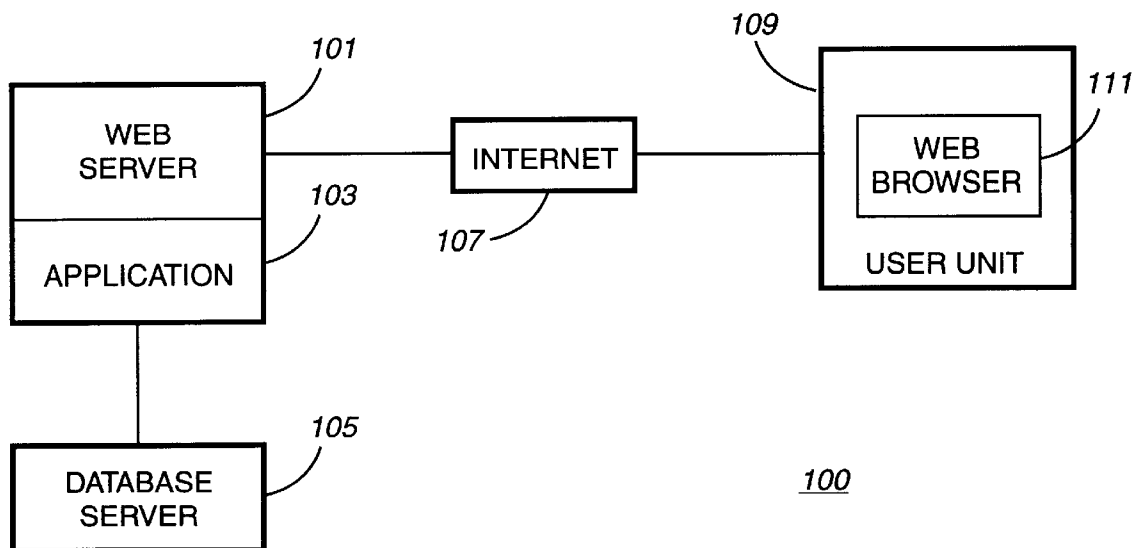
FIG. 1
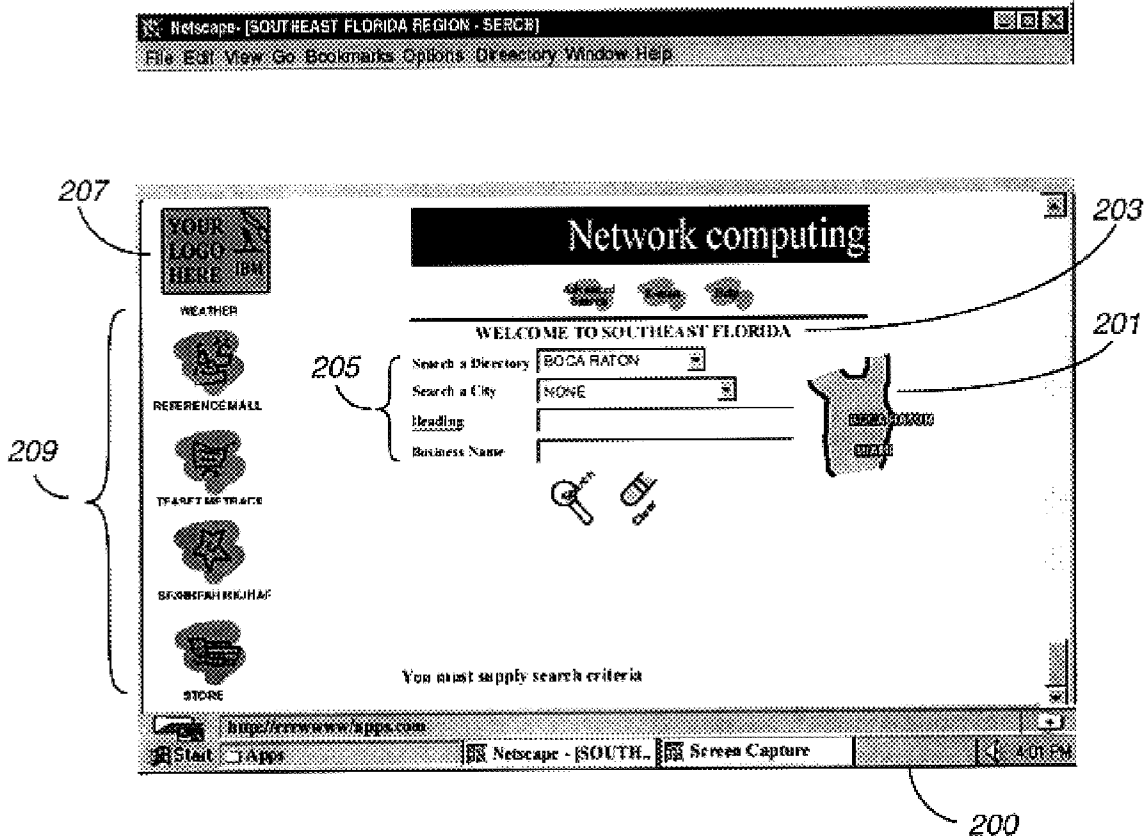
REGION SEARCH SCREEN

FIG. 2

_300_

RECORD ID	REGION	FILE
100	FLORIDA NORTH-WEST	FLNW.GIF
101	FLORIDA NORTH-CENTRAL	FLNC.GIF
102	FLORIDA NORTH-EAST	FLNE.GIF
103	FLORIDA SOUTH-WEST	FLSW.GIF

_301_

_303_

_305_

PRIOR ART DATABASE ENTRY

FIG. 3

_400_

RECORD ID	REGION
100	FLORIDA NORTH-WEST
101	FLORIDA NORTH-CENTRAL
102	FLORIDA NORTH-EAST
103	FLORIDA SOUTH-WEST

100.GIF

101.GIF

102.GIF

103.GIF

_401_

_403_

_405_

FIG. 4

_500_

501 — RECEIVE USER QUERY

503 — TRANSLATE QUERY INTO DATABASE QUERY

505 — RETREIVE DATA FROM DATABASE

507 — DETERMINE DATABASE RECORD ID

509 — RETRIEVE FILENAME CORRESPONDING TO RECORD ID

511 — SELECTIVELY FILL-IN DATABASE INFORMATION AND FILENAME IN HTML TEMPLATE

513 — SEND HTML PAGE TO USER
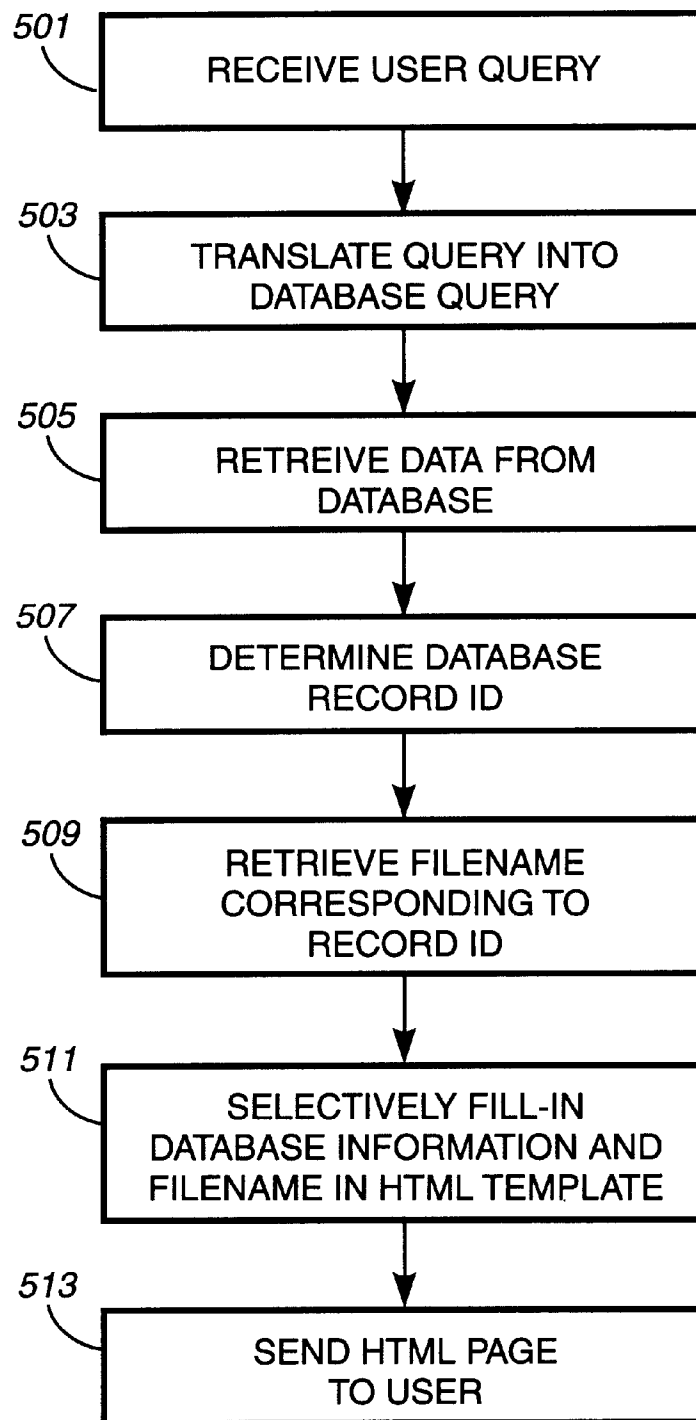
FIG. 5

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