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(12) **United States Patent**  
**De Angelo**

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(45) **Date of Patent:** **Apr. 20, 2010**

- (54) **SYSTEM AND METHOD FOR CREATING AND MANIPULATING INFORMATION CONTAINERS WITH DYNAMIC REGISTERS** 5,664,208 A 9/1997 Pavley et al.  
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- (75) Inventor: **Michael De Angelo**, Palm Springs, CA (US) 5,862,223 A \* 1/1999 Walker et al. .... 705/50  
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- (73) Assignee: **Incandescent, Inc.**, San Rafael, CA (US)
- (\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 579 days.
- (21) Appl. No.: **11/280,700**
- (22) Filed: **Nov. 14, 2005**

(65) **Prior Publication Data**

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**Related U.S. Application Data**

- (63) Continuation of application No. 09/284,113, filed as application No. PCT/US99/01988 on Jan. 28, 1999, now Pat. No. 7,010,536.
- (60) Provisional application No. 60/073,209, filed on Jan. 30, 1998.

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(51) **Int. Cl.**

**G06F 17/30** (2006.01)

(52) **U.S. Cl.** ..... **707/758; 707/768**

(58) **Field of Classification Search** ..... **707/751, 707/755, 758, 768**

See application file for complete search history.

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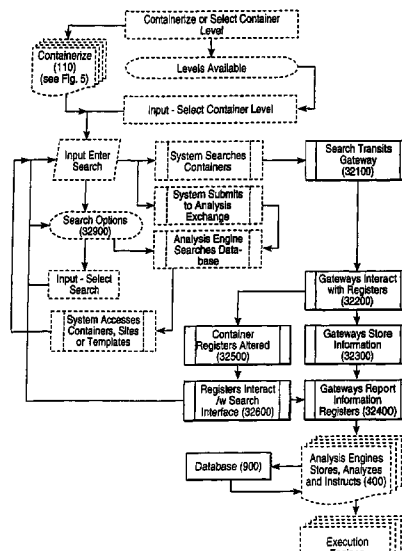
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**ABSTRACT**

A search query may be run against a plurality of container registers encapsulated and logically defined in a plurality of containers to identify one or more container registers responsive to the search query. Thereafter, a list characterizing the identified containers may be provided. Related methods, apparatus, computer program products, and computer systems are also described.

**23 Claims, 30 Drawing Sheets**



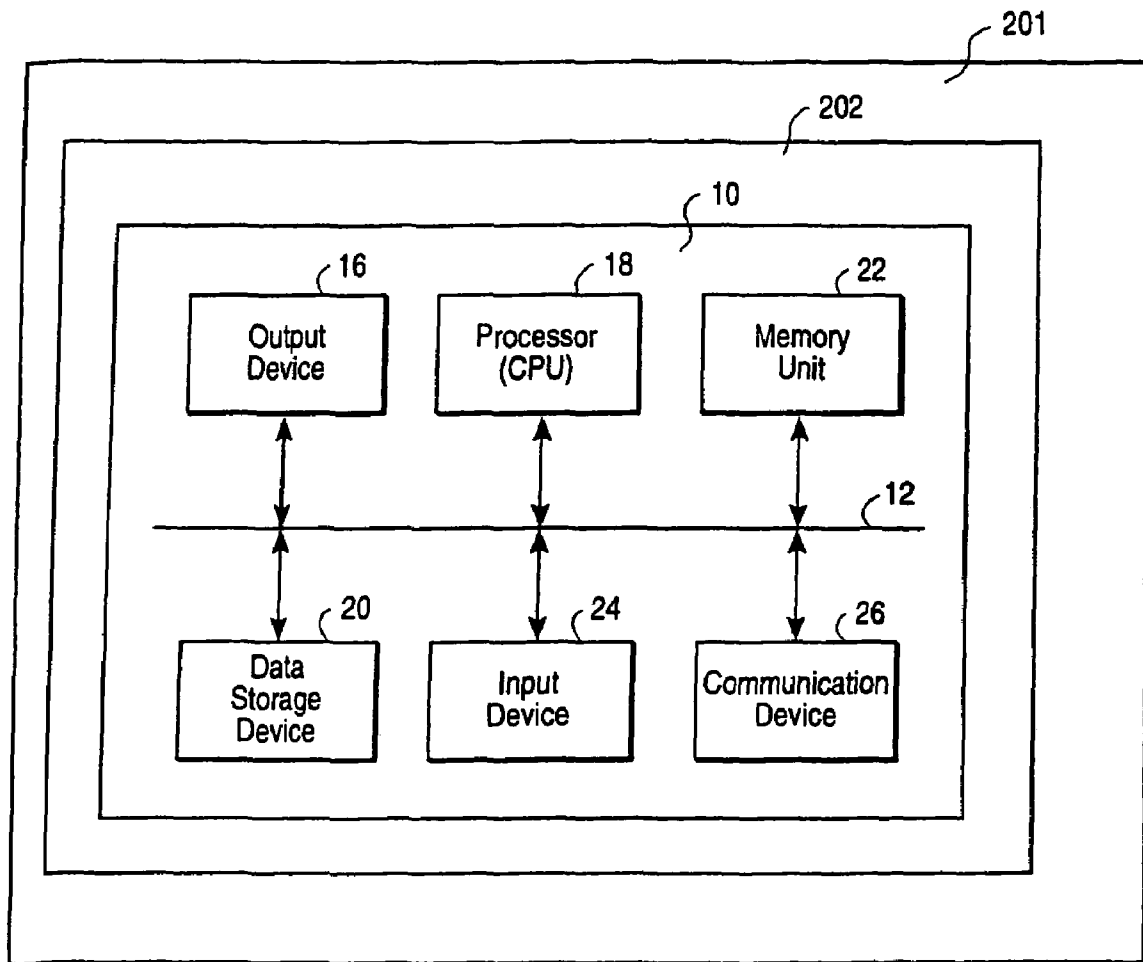


FIG. 1

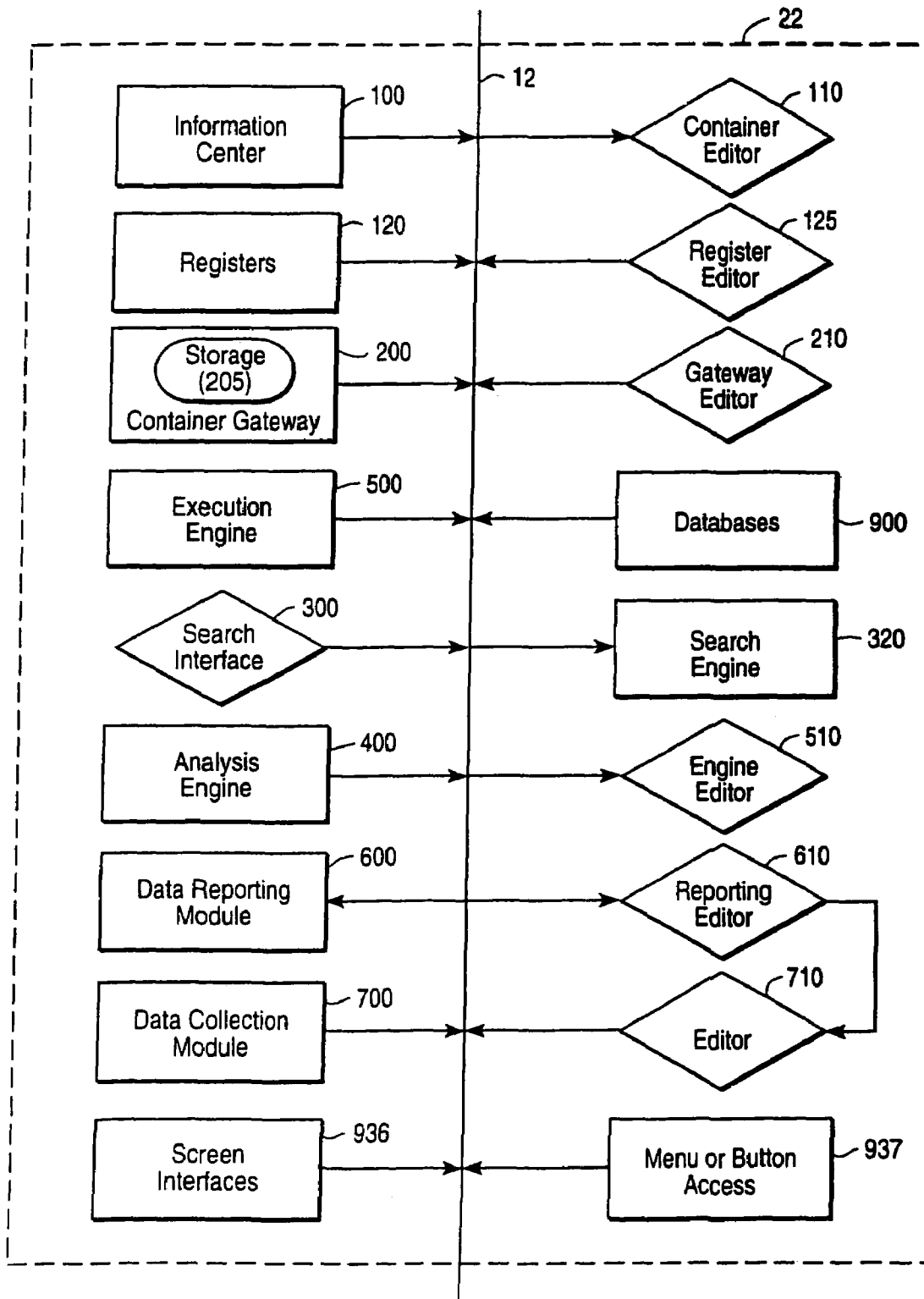


FIG. 2A

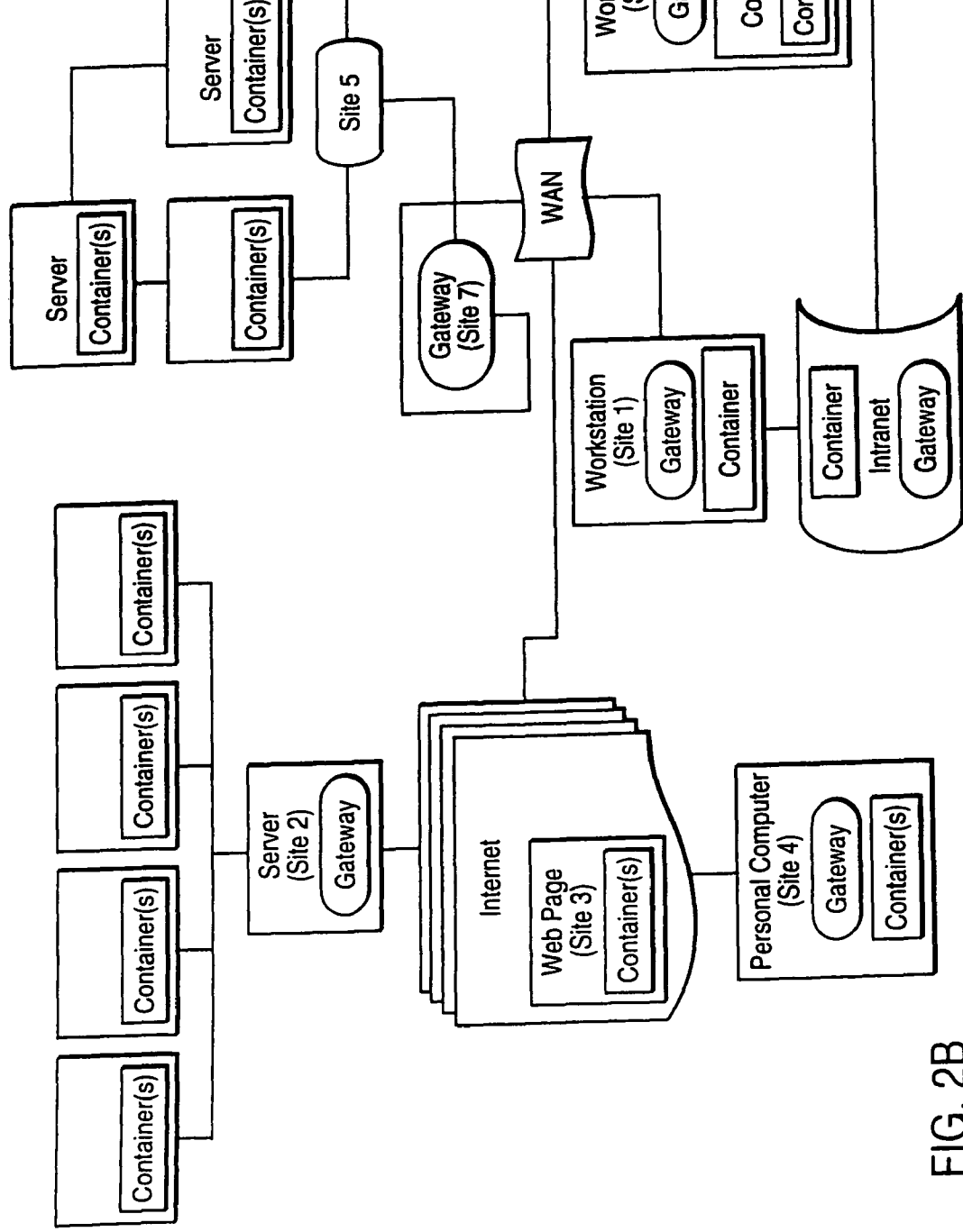


FIG. 2B

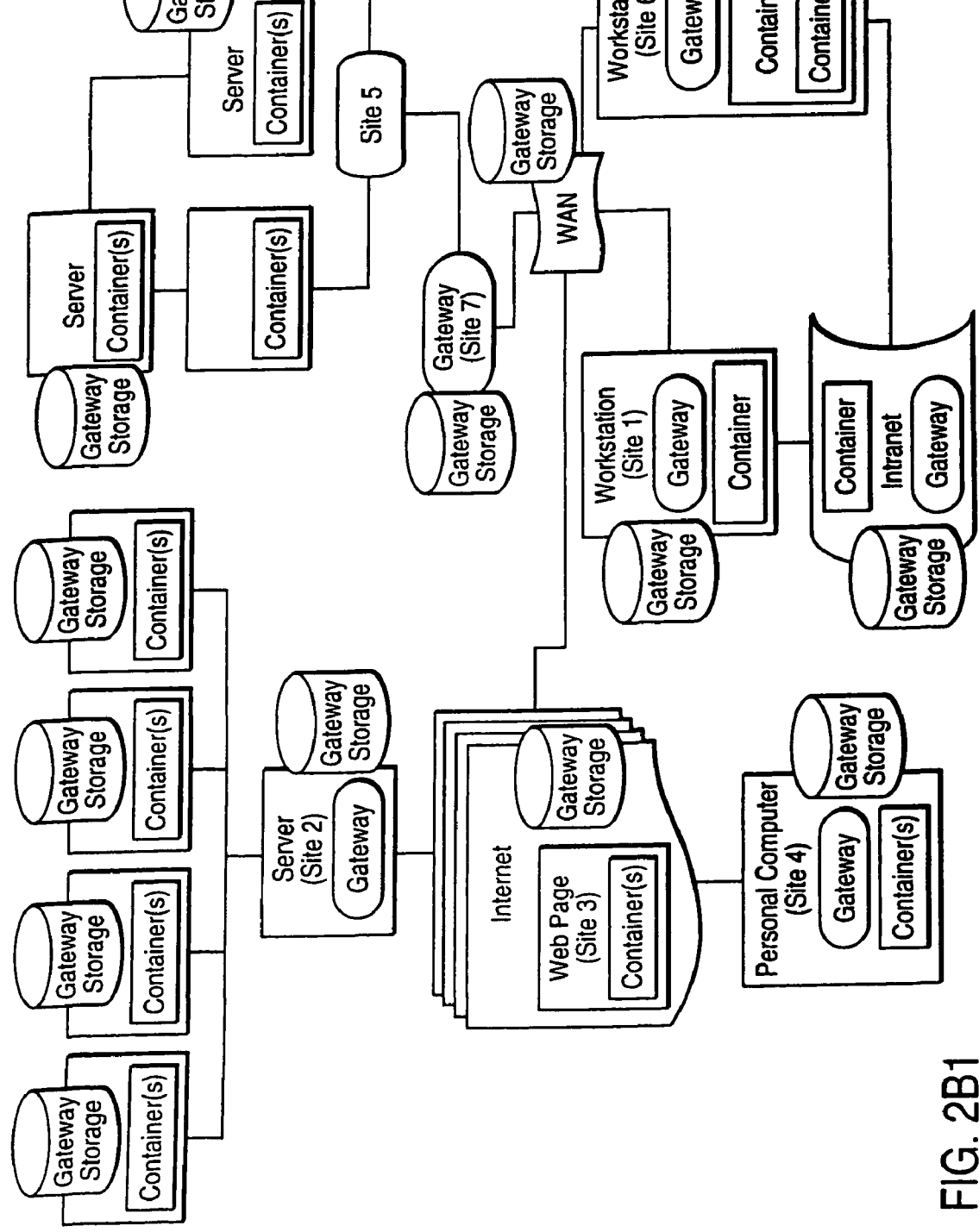


FIG. 2B1

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