

*Apple Inc. v. Evolutionary Intelligence LLC,*  
IPR No. 2014-00086

(Consolidated with Twitter Inc. and Yelp Inc. v. Evolutionary Intelligence L  
IPR No. 2014-00814)

Anthony J. Patek  
Gutride Safier LLP

# The Problem

- “Search engines query thousands or tens of thousands of index pages per second to suggest the location of information while the user waits.” Ex. 1001 at 1:40-43.
- “Where content resides in a fixed location and structure, ‘information’ becomes something defined by the mind of the information provider rather than mind of the information user . . .” *Id.* at 2:2-7.
- “A further problem is that there is a limited means to add to, subtract from, or alter the information content of documents, databases, or sites without communicating with the owners or operators of those information resources . . .” *Id.* at 2:33-38.
- “Additionally, once so altered, there is not a means to derive to derive a proportionate value, and thereby a proportionate royalty as the information is used.” *id.* at 2:38-40.

# The '536 Patent's Solution

The invention solved this problem through the use of "dynamic" information containers. The dynamic information containers include dynamic registers that attach to and form part of the container. Ex. 1001 at 2:66-3:5. Each container has

The  
containers.  
attach to an  
an informat  
of registers.

(i) a unique identification register for that container; (ii) a second register governing the interactions of the container according to utility of the information in

P.O. Prelim. Resp. at 6

In the invention of the '536 patent, information containers are populated with information elements and time- and space-based dynamic registers, thereby facilitating access to the information at appropriate times and in relation to

the informa  
whether the  
location; (iv)  
by other co  
whether a c  
"Gateways"  
containers,

pertinent locations. This facilitates access to information that is useful to the user.

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As users access the information containers, the dynamic registers are updated with

As users ac  
information  
evident in t

information regarding their use, allowing them to evolve. This is made more

# The '536 Patent

2. An apparatus for transmitting, receiving and manipulating information on a computer system, the apparatus including a plurality of containers, each container being a logically defined data enclosure and comprising:

- an information element having information;
- a plurality of registers, the plurality of registers forming part of the container and including
  - a first register for storing a unique container identification value,
  - a second register having a representation designating space and governing interactions of the container with other containers, systems or processes according to utility of information in the information element relative to an external-to-the-apparatus three-dimensional space,
- an active space register for identifying space in which the container will act upon other containers, processes, systems or gateways,
- a passive register for identifying space in which the container can be acted upon by other containers, processes, systems or gateways,
- a neutral space register for identifying space in which the container may interact with other containers, processes, systems, or gateways; and
- a gateway attached to and forming part of the container, the gateway controlling the interaction of the container with other containers, systems or processes.

Petitioner Apple Inc. - Exhibit 1001, p. 4

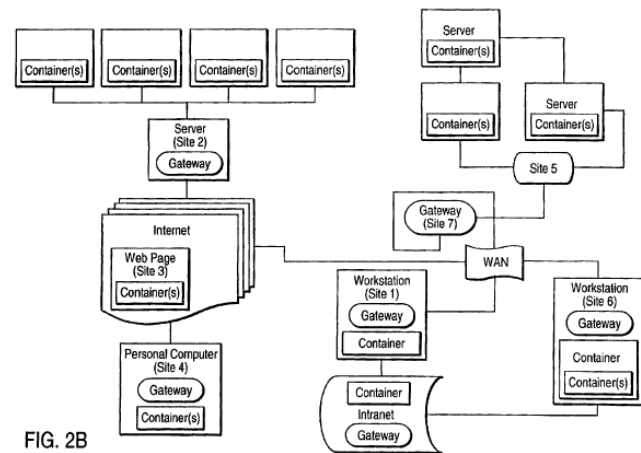


FIG. 2B

# Gibbs Discloses an Object-Oriented Train Management System

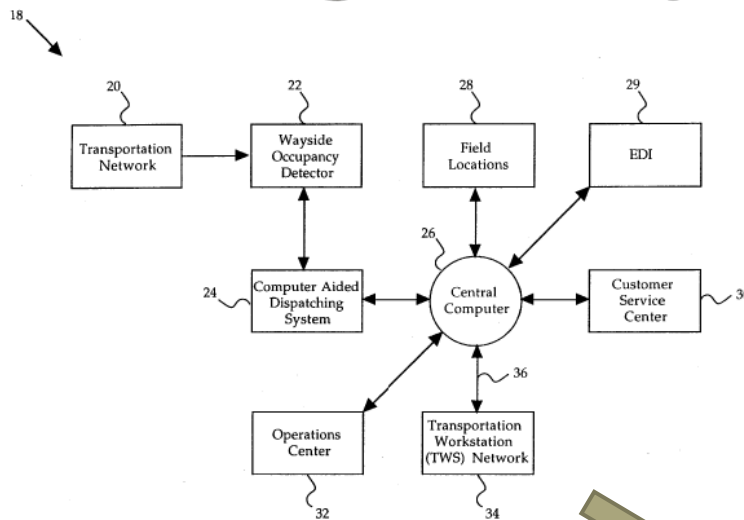


Fig. 1

U.S. Patent

Nov. 17, 1998

Sheet 1 of 15

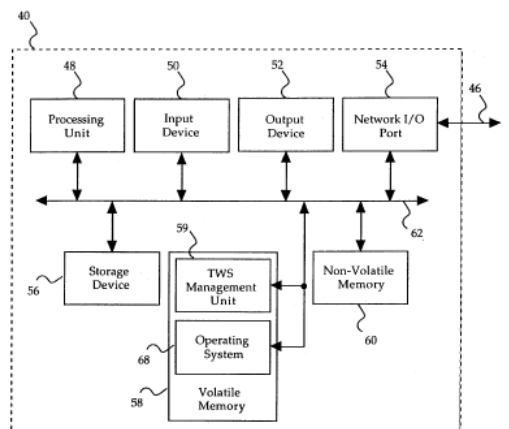


Fig. 3

Petitioner Apple Inc. - Exhibit 1006, p. 2

Petitioner Apple Inc. - Exhibit 1006

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