

(Portions redacted to protect the privacy of the author) □
But what is being referred to in this letter as "seminal □
inventions" were shown on a finger touch controlled, □
multimedia tablet, with edge to edge screen, that accesses □
the Web via a cellular connection... in other words: on □
what is now the iPhone and iPad ...precisely because Steve □
Jobs saw the design in 2003 and copied it !

February 18, 2010

VIA U.S. MAIL

Irving Tsai

Re: Your Seminal Inventions

Dear Mr. Tsai:

I am a patent attorney in [REDACTED]. I recently came across your patents, and some third-party description of the story behind them on the web. It is plainly clear that your patents represent seminal, if not *the* seminal, innovations with regard to basic operation of the Internet and the Web. However, I noticed that your patents have never been assigned, and while it is not likely public, I have not found any information indicating that you have ever licensed, sold or enforced your patent rights. Given the significance of your inventions, that surprised me. I also noticed that in some recent correspondence with the Patent Office, you suggested that [REDACTED]

If you are available and have the inclination, I would appreciate the chance to discuss your inventions and the stories behind your work. [REDACTED]

Sincerely,

[REDACTED]

<http://www.pcadvisor.co.uk/news/index.cfm?RSS&NewsID=3203729>

October 10, 2009

US No 7,016,084 was filed on
October 15th 1993 -- 1 yr before
"Eolas '906" and 1yr before
Netscape released the world's
first commercial browser!

Timeline: 15 years of the web browser

Important points in the history of the web browser

Carolyn Duffy Marsan

Here is a look back at the 15 years of wars, lawsuits, and standards the web browser has brought us.

October 13 marks the 15th birthday of the web browser. This is the date the first commercial web browser, Netscape Navigator, was released in beta.

While researchers including World Wide Web inventor Tim Berners-Lee and a team at the National Center for Supercomputing Applications created Unix browsers between 1991 and 1994, Netscape Navigator made this small piece of desktop software a household name.

By allowing average users to view text and images posted on websites, Netscape Navigator helped launch the internet era along with multiple browser wars, government-led lawsuits and many software innovations.

Here is a look back at the most important points in the 15 years of wars, lawsuits, and standards the web browser has brought us.

October 13, 1994



Mosaic Communications - later renamed Netscape Communications - releases the beta version of its web browser, called Mosaic Netscape 0.9.

It was based on the Mosaic code developed by the NCSA, and Mosaic co-author Marc Andreessen was a co-founder of Netscape.

The browser was later renamed Netscape Navigator. Version 1.0 was released on December 15.

The World Wide Web Consortium, usually referred to as the "W3C" (because it has 3 "w's" + 1 "c"), is the custodian of the global Web. They are the governing body of the standards the Web runs on. Tim Berners Lee, inventor of the World Wide Web, is its Director and has his office in the W3C's US headquarters in the Gates Tower of the artificial intelligence lab at MIT. The W3C maintains an official glossary of terms relating to the Web, (here: <http://www.w3.org/Terms>)

In the application filed October 15, 1993 (which US 7,016,084 comes from) you will find that the spec conforms to the W3C's definitions.

Browser (W3C defined)

A program which allows a person to read hypertext . The browser gives some means of viewing the contents of nodes , and of navigating from one node to another.

Hypertext

Text which is not constrained to be linear.

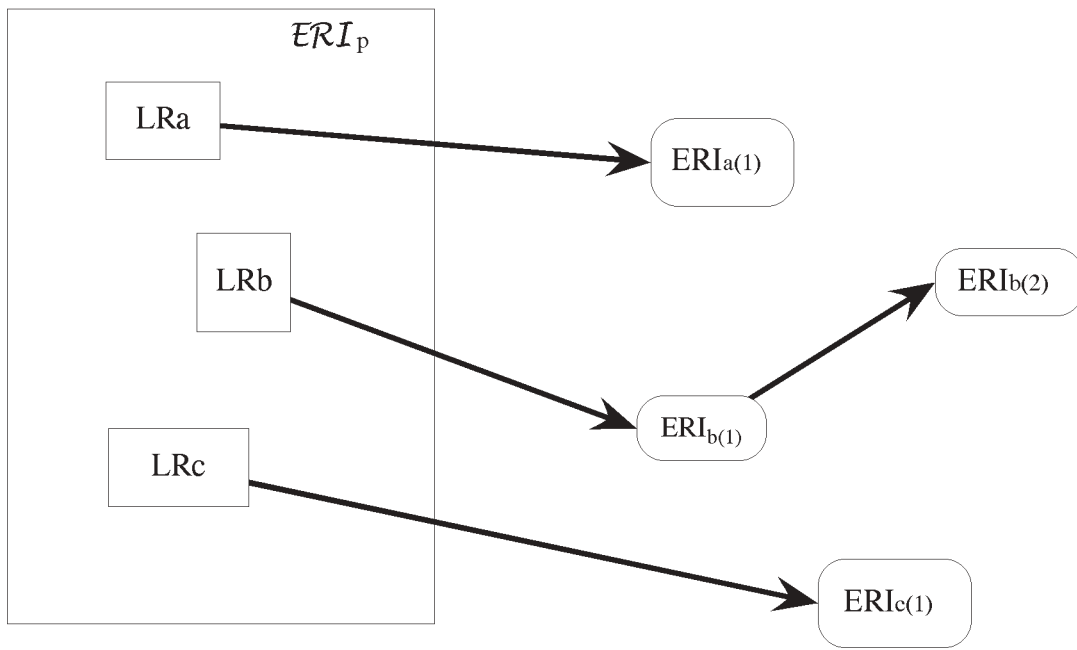
Hypermedia

MultiMedia Hypertext . HyperMedia and HyperText tend to be used loosely in place of each other. Media other than text typically include graphics, sound, and video.

Below I clipped definitions from the World Wide Web Consortium's definitions pages, and overlaid then onto relevant figures from the October 15, 1993 patent filings (US No. 7,016,084), to illustrate level of conformity with W3C definitions.

□

The whole W3C glossary is appended to pages 9, 10, 11 below



Hypertext □
 Text which is not □
 constrained to be linear.

Figure 60(a)

NAR(p)	NAR(a)	NAR(b1,b2)	NAR(c) ...	NAR(n1,...,nm)
Location(p,1)	Location(a,1)	Location(b,1)	Location(c,1)	Location(n,1)
		Location(b,2)		
				⋮
				Location(n,m)

Figure 60(b)

Navigation □
 The process of moving from one node to another through the hypertext web . This □
 is normally done by following links . Various features of a particular browser may □
 make this easier. These include keeping a history of where the user has been, and □
 drawing diagrams of links between nearby nodes.

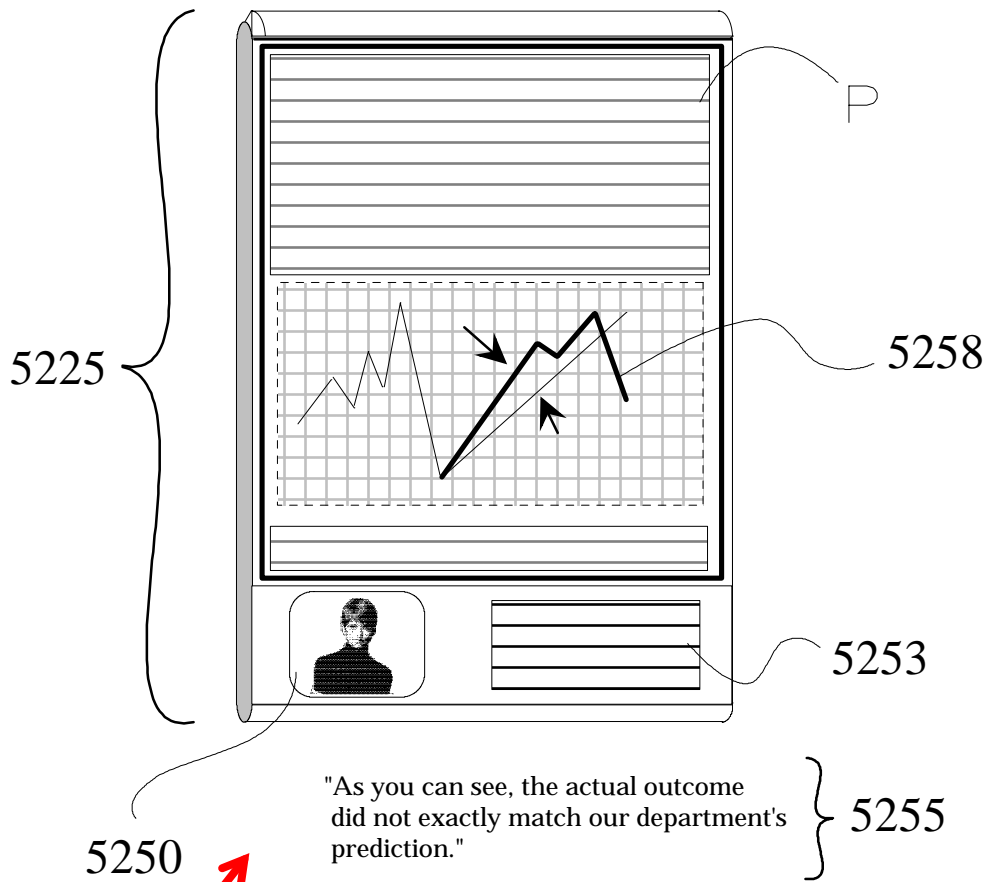


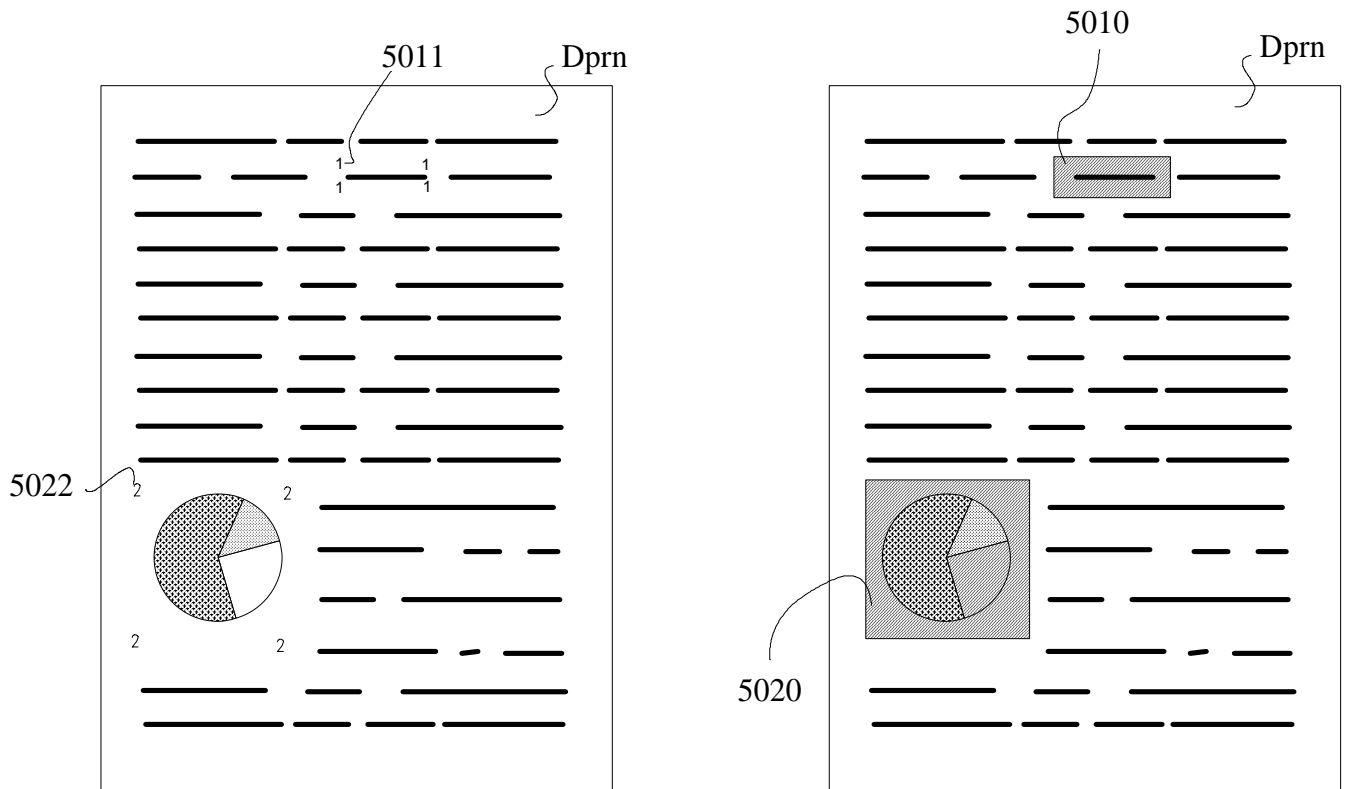
Figure 62

Browser

A program which allows a person to read hypertext . The browser gives some means of viewing the contents of nodes , and of navigating from one node to another.

Hypermedia

MultiMedia Hypertext . HyperMedia and HyperText tend to be used loosely in place of each other. Media other than text typically include graphics, sound, and video.



Anchor An area within the content of a node which is the source or destination of a link. The anchor may be the whole of the node content. Typically, clicking a mouse on an anchor area causes the link to be followed, leaving the anchor at the opposite end of the link displayed. Anchors tend to be highlighted in a special way (always, or when the mouse is over them), or represented by a special symbol. An anchor may, and often does, correspond to the whole node. (also sometimes known as "span", "region", "button", or "extent").

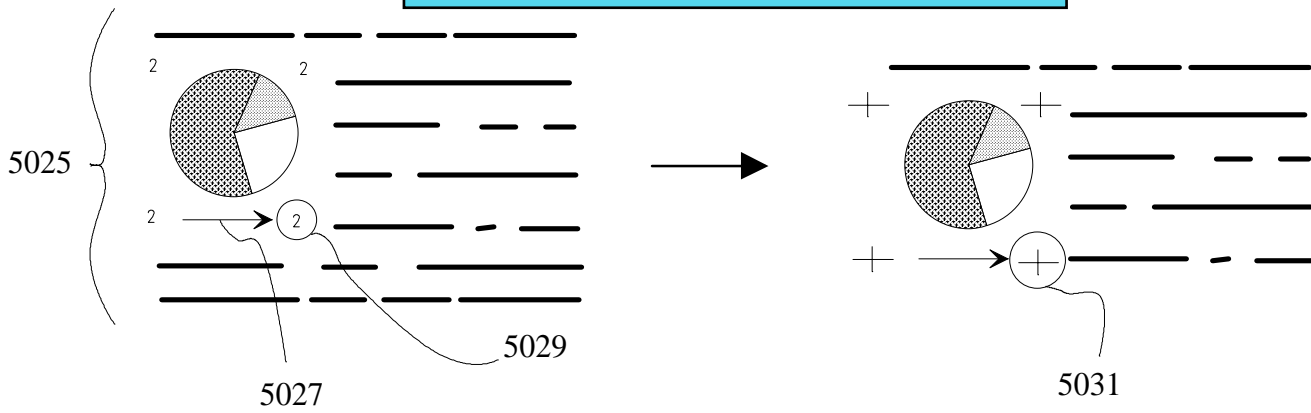


Figure 54

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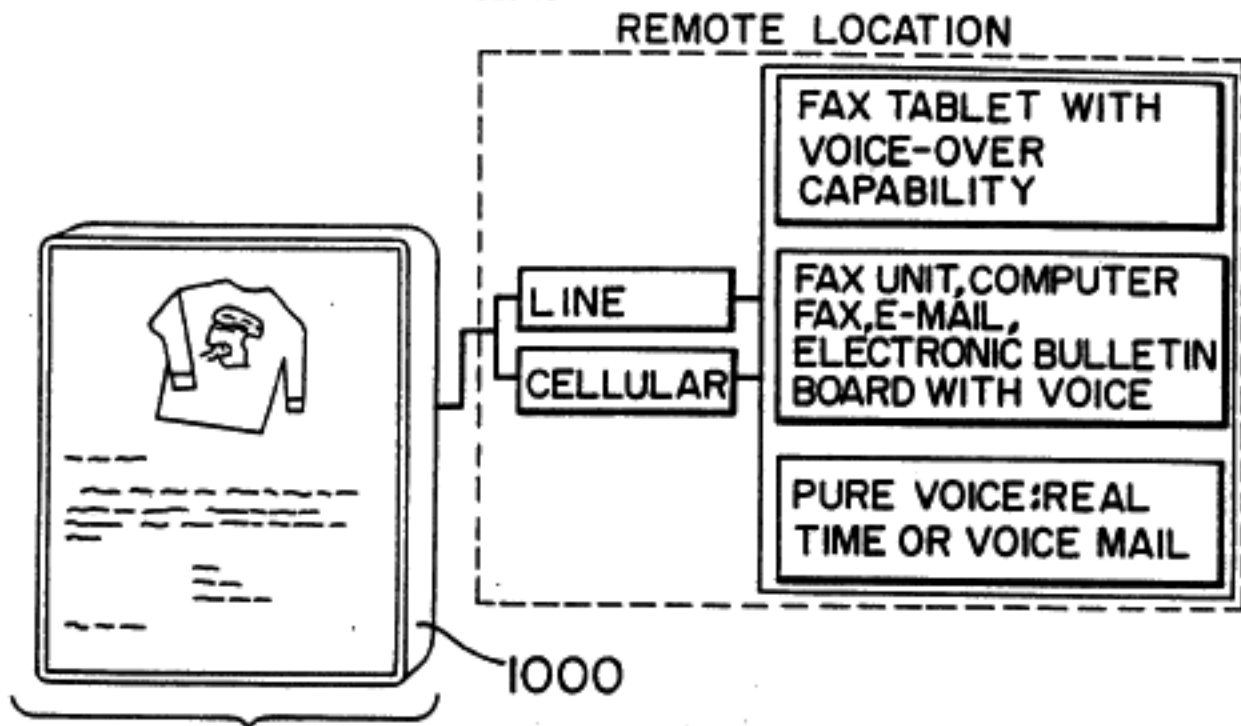


FIG. 43(a)

External

A link to a node in a different database.

Internal

A link to a node in the same database.

Database

We have used this vaguely as a term for a
 collection of nodes. We imagine management information
 for one of these being kept in one place and all being
 accessible by the same server. Links outside this are
 "external", and those inside are "internal".

Hypertext Terms

This is a glossary of terms used within the [WWW](#) project. In most cases, their use corresponds to conventional use in hypertext circles.

Anchor

An area within a the content of a [node](#) which is the source or destination of a [link](#). The anchor may be the whole of the node content. Typically, clicking a mouse on an anchor area causes the link to be followed, leaving the anchor at the opposite end of the link displayed. Anchors tend to be highlighted in a special way (always, or when the mouse is over them), or represented by a special symbol. An anchor may, and often does, correspond to the whole node. (also sometimes known as "span", "region", "button", or "extent").

Annotation

The linking of a new commentary [node](#) to an existing node. If readers can annotate nodes, then they can immediately provide feedback if the information is misleading, out of date or plain wrong. Thus the quality of the information in the [web](#) can be improved. ([More...](#))

Authoring

A term for the process of writing a document. "Authoring" seems to have come into use in order to emphasise that document production involved more than just writing.

Back link

A link in one direction implied from the existence of an explicit link in the other direction. See: [Building back-links](#)

Browser

A program which allows a [person](#) to read [hypertext](#) . The browser gives some means of viewing the contents of [nodes](#) , and of [navigating](#) from one node to another.

Button

An [anchor](#) which is the source of a [link](#) . Often, but not always, represented on screen to look like a push-button.

Card

An alternative term for a [node](#) in a system (e.g. HyperCard, Notecards) in which the node size is limited to a single page of a limited size.

Client

A program which requests services of another program. Normally, the [browser](#) is a client of a data server.

Cyberspace

This is the "electronic" world as perceived on a computer screen, the term is often used in opposition to the "real" world. With Web-extensions like [VRML](#) and the Cyberspace Protocol, Virtual Reality will one day come to your home computer.

Database

We have used this vaguely as a term for a collection of [nodes](#). We imagine management information for one of these being kept in one place and all being accessible by the same [server](#). [Links](#) outside this are "external", and those inside are "internal". We do not imply anything about how the information shared be stored.

Daemon

A program which runs independently of, for example the [browser](#) . Daemons may perform various management tasks such as [building indexes](#), overviews, and [back-links](#). Under unix, "daemon" is used for "[server](#) ", because servers normally run independently.

Document

A term for a [node](#)

collection of nodes on related topics, possibly stored or distributed as one. The preferred term in W3 documentation.

Domain

We have used this specifically for a unit of protection. It could possibly correspond to a [database](#) , and in that case would be a better (less vague) term for it.

External

A [link](#) to a [node](#) in a different database. See [Database](#)

Host

A computer on a network. We use this term rather than the term "[node](#)" which is often used for a document in a hypertext [web](#) .

Hypermedia

MultiMedia [Hypertext](#) . HyperMedia and HyperText tend to be used loosely in place of each other. Media other than text typically include graphics, sound, and video. ([More...](#))

Hypertext

Text which is not constrained to be linear. ([More...](#))

Index

Something which points at other data; a server facility which provides pointers to particular data as a function of a query; a table of contents of a book in hypertext form. ([More](#)) .

Internal

A [link](#) to a [node](#) in the same [database](#) . See [database](#) .

Link

A relationship between two [anchors](#) , stored in the same or different [database](#) . See "[Internal](#)" and "[External](#)" .

Navigation

The process of moving from one [node](#) to another through the hypertext [web](#) . This is normally done by following [links](#) . Various features of a particular [browser](#) may make this easier. These include keeping a history of where the user has been, and drawing diagrams of links between nearby nodes. ([More...](#))

Node

A unit of information. Also known as a frame (KMS), card (Hypercard, Notecards). Used with this special meaning in hypertext circles: do not confuse with "node" meaning "network host". For user's benefits, we use the term "[document](#)" as this is the nearest term outside the hypertext world.

Protection

The prevention of unauthorized users from reading, or writing, a particular piece of data. Also known as "authentication", "access control", etc. ([More...](#))

Path

An ordered set of nodes or anchors which represent a sequence in which a [web](#) can be read. A path may represent the sequence a reader actually used, or may be a sequence recommended to the reader by the author.

Reader

We have used this term for the person who browses, to distinguish him/her from the program ([browser](#)) which (s)he uses.

Server

A program which provides a service to another, known as the [client](#) . In a [hypertext](#) system, a server will provide hypertext information to a [browser](#) . See also: [daemon](#) .

Tracing

The automatic finding of nodes by automatic [navigation](#)

[\(More...\)](#)

Versioning

The storage and management of previous versions of a piece of information, for security, diagnostics, and interest. This is important when many users are allowed to edit the same material. [\(More...\)](#)

VRML

Virtual Reality Modeling Language. The term "VRML" had been coined by Dave Ragget at the 1st WWW Conference in Geneva, May 1994. VRML is proposed as a logical markup format for non-proprietary platform independent VR.

Web

A set of [nodes](#) interconnected by [links](#) . Often, the set of all the nodes which are interconnected. See also [Topology](#).



[1992/updated Apr-95](#)