

Derwent Record

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Derwent Title: Virtual world environment updating method for games, network chat room, involves updating change of selected object in user terminals associated with determined object

Original Title: [US6349301](#): Virtual environment bystander updating in client server architecture

Assignee: MICROSOFT CORP Standard company
Other publications from [MICROSOFT CORP \(MICT\)](#)

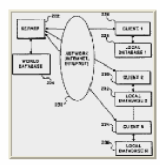
Inventor: DRUCKER S M; MARPLE K J; MITCHELL D P;

Accession/Update: 2002-279421 / 200232

IPC Code: G06F 17/00 ; G06F 7/00 ;

Derwent Classes: [T01](#)

Manual Codes: T01-N01A2D(Virtual communities) , T01-N01B2(Chat rooms) , T01-N01D1(Multimedia) , T01-S03(Claimed software products)

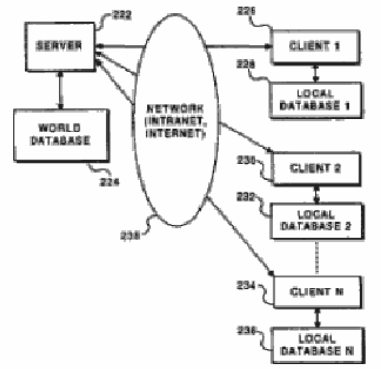


Derwent Abstract: [\(US6349301\)](#) **Novelty** - A portion of virtual world environment (VWE) having objects is displayed to each user terminal (226,230,234). The change of an object is transmitted and updated in a database (224) of a server (222). An object perceiving change corresponding to the selected object is determined and is transmitted to the user terminals to update the changes of selected object in user terminal associated with the determined object.

Detailed Description - INDEPENDENT CLAIMS are also included for the following:
(a) Virtual world environment display system;
(b) Computer readable medium storing VWE updating program

Use - For updating clients with changes in virtual world environment (VWE) used in games, network chat room, etc.

Advantage - Reduces server computational and data transmission resource demands by updating the changed object in the client terminals. Accommodates extremely large number of users and hence efficiently employs the network.



Description of Drawing(s) - The figure shows the client-server architecture. Server 222, Database 224, User terminal 226,230,234 [Dwg. 2/3](#)

Family: [PDF Patent](#) [Pub. Date Derwent Update Pages Language IPC Code](#)
[US6349301](#) * 2002-02-19 200232 19 English G06F 17/00