Exhibit 1

US007818691B2

(12) **United States Patent**

Irvine

(10) **Patent No.:** **US 7,818,691 B2**

(45) **Date of Patent:** **Oct. 19, 2010**

(54) **ZEROCLICK**

(76) Inventor: **Nes Stewart Irvine**, 16 Sollershott West, Letchworth, Hertfordshire (GB) SG6 3PX

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 983 days.

(21) Appl. No.: **10/275,863**

(22) PCT Filed: **May 3, 2001**

(86) PCT No.: **PCT/GB01/01978**

§ 371 (c)(1),
(2), (4) Date: **Apr. 11, 2003**

(87) PCT Pub. No.: **WO02/05081**

PCT Pub. Date: **Jan. 17, 2002**

(65) **Prior Publication Data**

US 2003/0197744 A1   Oct. 23, 2003

(30) **Foreign Application Priority Data**

May 11, 2000	(GB)	....	0011321.7
May 12, 2000	(GB)	....	0011370.4
May 12, 2000	(GB)	....	0011441.3
May 24, 2000	(GB)	....	0012582.3
Nov. 1, 2000	(GB)	....	0026891.2
Nov. 20, 2000	(GB)	....	0028097.4
Nov. 27, 2000	(GB)	....	0028693.0
Nov. 30, 2000	(GB)	....	0029148.4
Dec. 21, 2000	(GB)	....	0031164.7
Dec. 27, 2000	(GB)	....	0031680.2

(51) **Int. Cl.**
G06F 3/00 (2006.01)
G06F 3/033 (2006.01)

(52) **U.S. Cl.** **715/856**; 715/863; 715/802; 715/805; 715/711; 345/157; 345/163; 345/179

(58) **Field of Classification Search** 715/856–863, 715/802–803, 701–702, 764, 805, 711; 709/218, 709/224; 345/157, 163, 179
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,600,778	A	*	2/1997	Swanson et al.	715/762
5,689,667	A	*	11/1997	Kurtenbach	715/810
5,721,853	A		2/1998	Smith	
5,745,116	A	*	4/1998	Pisutha-Arnond	715/863
5,790,115	A	*	8/1998	Pleyer et al.	715/716
5,805,167	A	*	9/1998	van Cruyningen	715/808
6,028,271	A		2/2000	Gillespie et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

|		
EP	0 660 218	6/1995

Primary Examiner—Tadeese Hailu

(57) **ABSTRACT**

A GUI interface, a method of programming a GUI interface, and an apparatus which enables functions of controls in the GUI to be activated by a movement to a control and then another subsequent movement related to that control. It may be defined more precisely below. A GUI in which, when a pointer **0** is immediately adjacent or passes over a control area **1**, a procedure is initiated whereby subsequent movement of the pointer over a predetermined path area **3** generates a 'click' event which simulates direct clicking of the control **1** and moving outside the predetermined path area **3** prior to completion of the path **3** resets the control to as if the pointer has never started along the predetermined path area **3**.

105 Claims, 42 Drawing Sheets
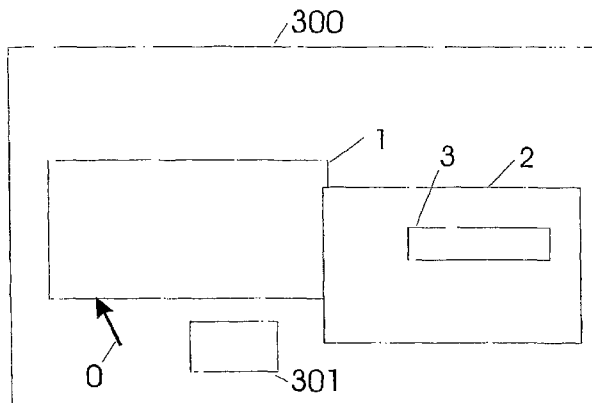
US 7,818,691 B2

Page 2

U.S. PATENT DOCUMENTS

6,057,844	A	*	5/2000	Strauss	715/863
6,094,197	A	*	7/2000	Buxton et al.	715/863
6,101,498	A	*	8/2000	Scaer et al.	707/10
6,104,400	A	*	8/2000	Halachmi et al.	715/854
6,239,803	B1	*	5/2001	Driskell	715/810
6,337,698	B1	*	1/2002	Keely et al.	715/823
6,429,846	B2	*	8/2002	Rosenberg et al.	345/156
6,445,383	B1	*	9/2002	Chambers et al.	345/173
6,496,206	B1	*	12/2002	Mernyk et al.	715/835
6,618,063	B1	*	9/2003	Kurtenbach	715/834
6,707,443	B2	*	3/2004	Bruneau et al.	345/156
6,819,345	B1	*	11/2004	Jones et al.	715/856
6,915,489	B2	*	7/2005	Gargi	715/790
7,003,734	B1	*	2/2006	Gardner et al.	715/808
2002/0087661	A1	*	7/2002	Matichuk et al.	709/218
2003/0200505	A1	*	10/2003	Evans	715/507

* cited by examiner

Fig. 1

Fig. 2

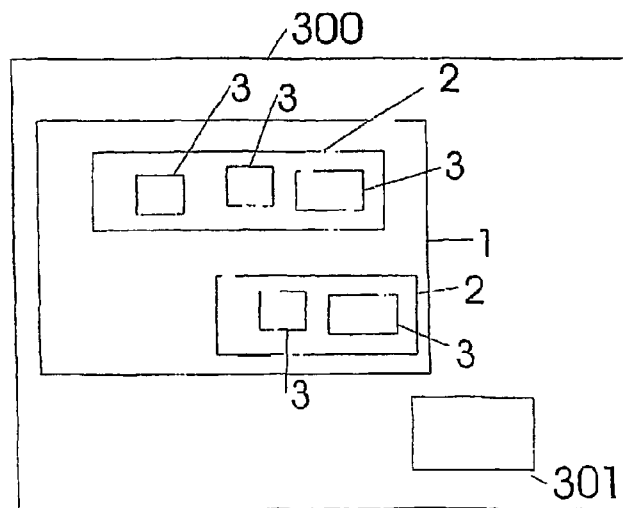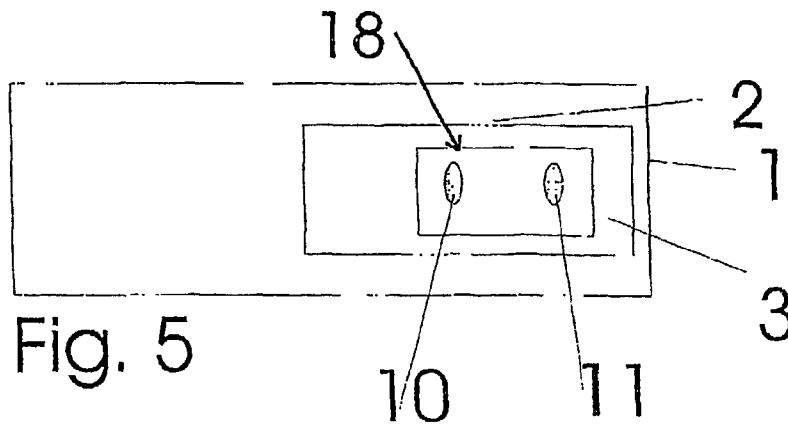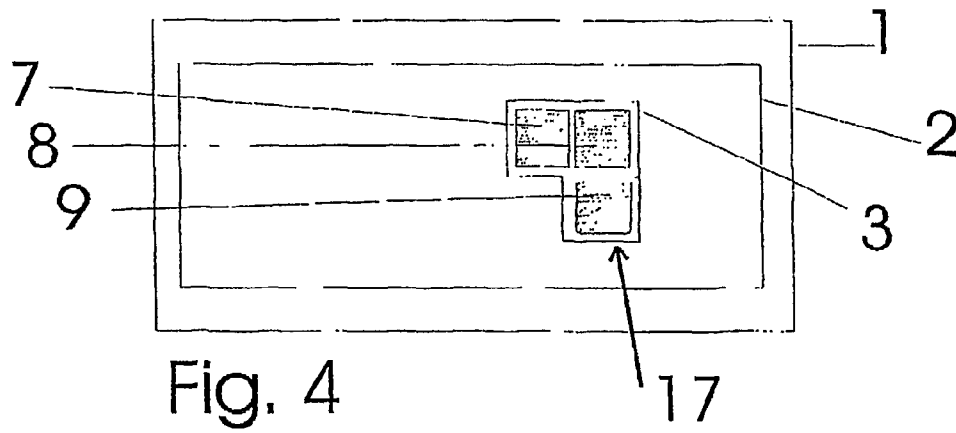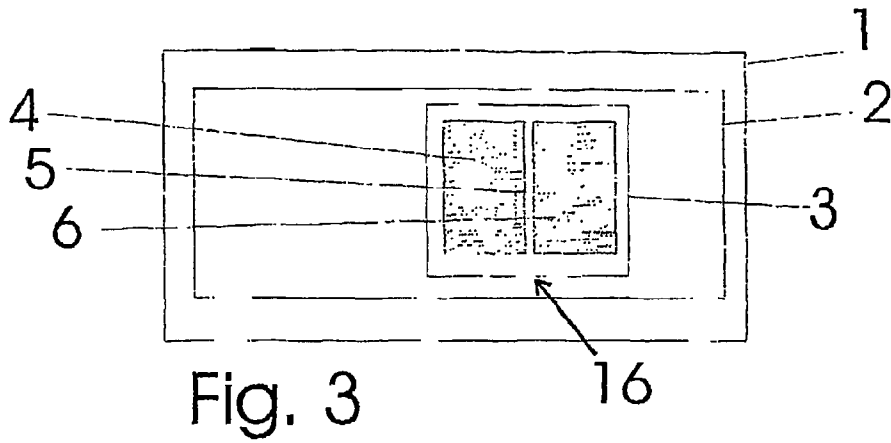Fig. 3

Fig. 4

Fig. 5
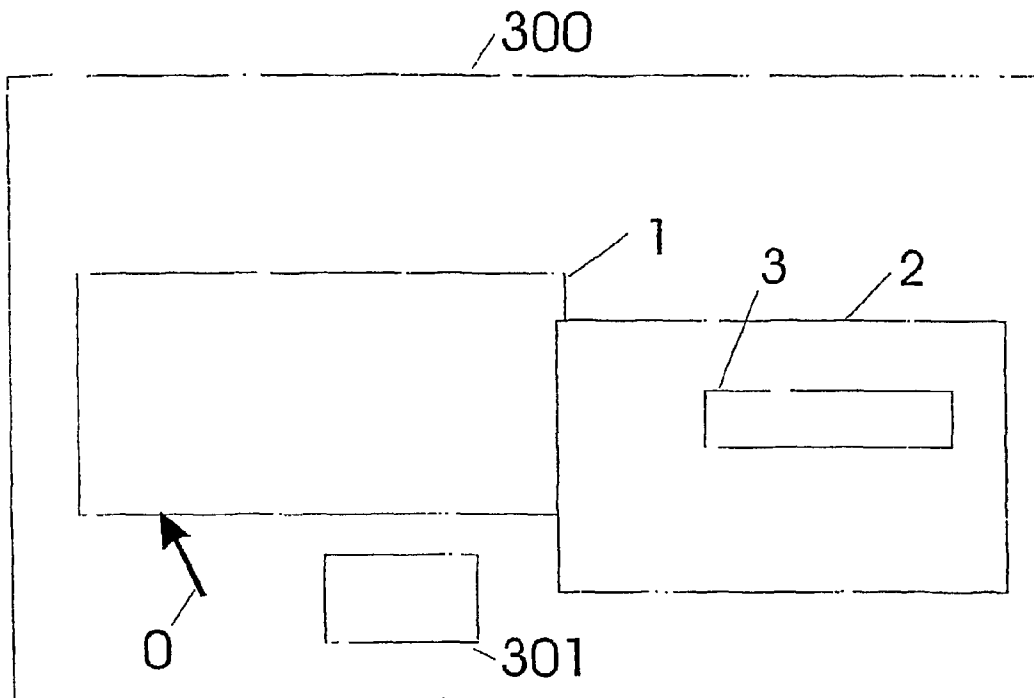
DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.

fastcase
Smarter legal research.