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(71) Applicant: Aten International Co., Ltd. Shijr City
Taipei 221 (TW)

(72) Inventors:

 Lou,Tony 10428 Shijr City Tapei (TW)

 Chen, Kevin 10428 Shijr City Tapei (TW)

 Yang, Sampson Irvine, CA 92618 (US)

(74) Representative: Harrison Goddard Foote Fountain Precinct Balm Green Sheffield S1 2JA (GB)

(54) Signal switch for console and peripheral devices

(57) A signal switch for sharing one or more console devices and one or more peripheral devices in any of a plurality of computer systems, comprising:

a first channel for connecting a selected console device from the one or more console devices to a first selected computet system from the plurality of computer systems; a second channel connecting the first selected computer system to a selected peripheral device from the one or more peripheral devices, the second channel having a data flow between the first selected computer system and the selected peripheral device;

a third channel for connecting the selected console device to a second selected computer system from the plurality of computet systems; and

means for switching the selected console device between the first channel and the third channel without interruption of the data flow through the second channel between the first selected computer system and the selected peripheral device.

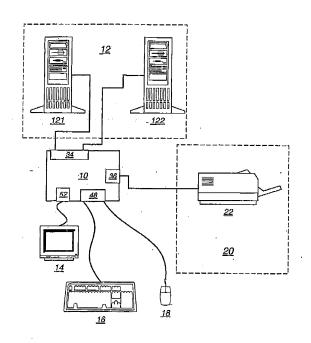


Fig. 1



EUROPEAN SEARCH REPORT

Application Number EP 06 02 0819

		ED TO BE RELEVANT	Delevier	OI ADDICIOATION OF THE	
Category	Citation of document with indicat of relevant passages	ion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X Y	GB 2 350 212 A (* ADDE LIMITED) 22 November 2 * page 3, line 18 - pa	000 (2000-11-22)	1,2,4-6	INV. G06F13/00 G06F13/10	
'	figures 1, 2 * * page 5, line 7 - page 5, line 7 - page 5			G06F13/14 G06F15/173 G06F9/455	
Х	US 6 073 188 A (FLEMIN 6 June 2000 (2000-06-0 * column 3, line 31 -	6)	1,2,4-6	G09G5/00 G09G5/08 G06T1/60 G06F3/12	
Х	GB 2 352 540 A (ADDER 31 January 2001 (2001- * page 15, line 22 - p figures 1-3 *	01-31)	1,2,4-6		
Υ	WO 00/68813 A (CYBEX C CORP) 16 November 2000 * page 17, line 14 - p figure 8 *	(2000-11-16)	3		
				TECHNICAL FIELDS SEARCHED (IPC)	
				G09G G06F	
	The present search report has been	drawn un for all claims			
	Place of search	Date of completion of the search	1	Examiner	
	Munich	8 March 2011	Nji	jibamum, David	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background		E : earlier patent do after the filing da D : document cited L : document cited	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons		
O: non	-written disclosure rmediate document	& : member of the s document			

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EP 06 02 0819

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08-03-2011

	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
GB	2350212	Α	22-11-2000	US	6549966 B1	15-04-200
US	6073188	Α	06-06-2000	NONE		
GB	2352540	Α	31-01-2001	NONE		
WO	0068813	A	16-11-2000	AT AU DE EP US	337585 T 4989300 A 60030278 T2 1183614 A1 6671756 B1	15-09-200 21-11-200 11-10-200 06-03-200 30-12-200

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