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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR SEARCHING AND DISPLAYING LOW COST PRODUCT AVAILABILITY INFORMATION FOR A DEPARTURE-RETURN DATE COMBINATION

		Inbound (return) dates →					
		Nov. 15	Nov. 16	Nov. 17	Nov. 18	Nov. 19	Nov. 20
Outbound (departure) dates ↓	Nov. 1	\$200	\$200	\$200	\$250	\$360	\$500
	Nov. 2	\$300	\$350	\$250	\$260	\$260	\$200
	Nov. 3	\$360	\$400	\$350	\$220	\$240	\$260
	Nov. 4	\$260	\$270	\$260	\$500	\$400	\$300
	Nov. 5	\$270	\$400	\$200	\$260	\$200	\$300
	Nov. 6	\$550	\$260	\$480	\$400	\$300	\$200

(57) Abstract: The present invention generates a grid of low-priced fare combinations for either a selected departure and return date or a range of departure and return dates. The present invention uses various techniques to reduce processing and delay in generating the grids. The present invention first converts flight itineraries for the selected departure and return dates or the range of dates into the fare domain. The invention discards fare combinations that are not valid for the given travel request. The valid fare combinations are processed to determine which has the lowest fare price. The fare combinations are processed one at a time starting with the cheapest fare combination to determine which of the possible flight itineraries may be covered by the fare combination. The invention may use additional pruning steps to validate the fare combinations prior to application to individual flight itineraries. As each fare combination is matched to a flight itinerary, the grid is populated with this fare combination.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/17946

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G06Q 10/00**(2006.01)

USPC: 705/5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 705/5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

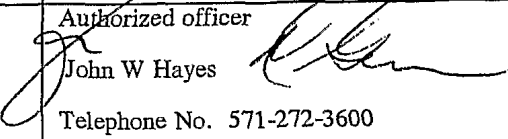
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,609,098 B1 (DEMARCKEN et al) 19 August 2003 (19.08.2003), col 4, lines 1-53; col 9, line 45-col 11, line 20; col 13, line 41-col 14, line 54; col 18, lines 5-40	1-48

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	“T”
“A” document defining the general state of the art which is not considered to be of particular relevance	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E” earlier application or patent published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 July 2006 (28.07.2006)	Date of mailing of the international search report 02 OCT 2006
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