## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2018/021426

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl. G06Q10/06(2012.01)i, G06Q10/10(2012.01)i

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)

Int.Cl. G06Q10/06, G06Q10/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922–1996 Published unexamined utility model applications of Japan 1971–2018 Registered utility model specifications of Japan 1996–2018 Published registered utility model applications of Japan 1994–2018

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.
А	JP 7-93403 A (NIPPON SYST SHIEAZU KK) 07 April 1995, paragraphs [0131]-[0138] (Family: none)	1–7
A	JP 6-124294 A (ETNA CORPORATION) 06 May 1994, paragraphs [0008], [0009], [0032] (Family: none)	1–7
A	JP 2005-128703 A (UENO BUSINESS CONSULTANTS KK) 19 May 2005, claims 1-8, paragraph [0030] (Family: none)	1-7

$\boxtimes$	Further documents are listed in the continuation of Box C.		See patent family annex.	
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	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 but 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" "O" "P"	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) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"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 document member of the same patent family	
	of the actual completion of the international search			
	15 August 2018 (15.08.2018)		28 August 2018 (28.08.2018)	
	8		Authorized officer	
Japan Patent Office				
	3-4-3, Kasumigaseki, Chiyoda-ku,			
Tokyo 100-8915, Japan		Tele	phone No.	

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ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2005-285021 A (DAIWA INSTITUTE OF RESEARCH LTD.) 13 October 2005, claims 1-3, paragraph [0083] (Family: none)	
A	JP 2001-331619 A (INITIA CONSULTING INC.) 30 November 2001, claims 1-5, paragraphs [0047], [0050], [0068], [0077] (Family: none)	1-7
A	JP 2004-70433 A (ARAKI, Nagateru) 04 March 2004, paragraphs [0068], [0125], [0131] (Family: none)	1–7
A	JP 2007-122190 A (NS SOLUTIONS CORP.) 17 May 2007, paragraphs [0046]-[0049] (Family: none)	1-7
A	US 2016/0275431 A1 (ADP, LLC) 22 September 2016, paragraphs [0119]-[0134] (Family: none)	1-7