## (19) World Intellectual Property Organization International Bureau





## (43) International Publication Date 17 January 2002 (17.01.2002)

### **PCT**

# (10) International Publication Number WO~02/05067~A3

(51) International Patent Classification<sup>7</sup>: G06G 7/48

(21) International Application Number: PCT/US01/41378

(22) International Filing Date: 12 July 2001 (12.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/218,009 12 July 2000 (12.07.2000) Us

(71) Applicant and

- (72) Inventor: CHUKWU, Ethelbert [US/US]; 2401 Voyager Circle, Raleigh, NC 27603 (US).
- (74) Agent: SAWICKI, Z., Peter; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

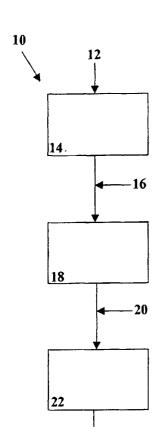
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

[Continued on next page]

### (54) Title: METHOD OF CONSTRUCTING AN ECONOMETRIC METER



24

(57) Abstract: A method of constructing a controllable, stable, time based, dynamic, and/or continuous economic model (16) of an economic state of a system, such that the economic model is derived from at least one equation that includes an economic state function, an economic variable, an economic strategy, or any combination of any of these. The invention further includes a method of constructing an econometric meter (24) that includes the economic model (16) which can monitor, program, analyze, or predict one or more changes to an economic state of a system such as a nation.



(88) Date of publication of the international search report: 20 June 2002

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.

### INTERNATIONAL SEARCH REPORT

International application No. PCT/US01/41378

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) :G06G 7/48 US CL :703/6		
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. : 703/6, 2		
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)		
ACM, EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where a	opropriate, of the relevant passages	Relevant to claim No.
McCRACKEN et al. A System for Large Econometric Models -		1-4
Management, Estimation and Simula	ation. ACM/CSC-ER. 1972.	
Pages 964-973, see entire document.		
Y US 5,608,620 (LUNDGREN) 04 MARCH 1997, fig. 1-2, col. 6 1-4		
Y US 5,608,620 (LUNDGREN) 04 MARCH 1997, fig. 1-2, col. 6, 1-4 line 26 to col. 14, line 67col. 20-22.		
The 20 to con 11, the 07con 20 22.		
Y US 6,021,397 (JONES et al.) 01 FEBRUARY 2000, fig. 3-4 and 1-4		
corresponding text.		
Further documents are listed in the continuation of Box C. See patent family annex.		
Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand	
"A" document defining the general state of the art which is not considered to be of particular relevance	the principle or theory underlying the	e invention
"E" earlier document 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	
"L" document which may throw doubts on priority claims; or which is cited to establish the publication date of another citation or other	when the document is taken alone  "Y" document of narticular relevance: the	
special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other	"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	
means	being obvious to a person skilled in the art	
than the priority date claimed	"X" document member of the same patent family	
Date of the actual completion of the international search  Date of mailing of the international search report		
02 DECEMBER 2001 <b>02 JAN 2002</b>		
Name and mailing address of the ISA/US Authorized officer		
Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  HUGH JONES  A MacContent  HUGH JONES		
Washington, D.C. 20231 Facsimile No. (703) 305-3230	Telephone No. (703) 305-9704	