



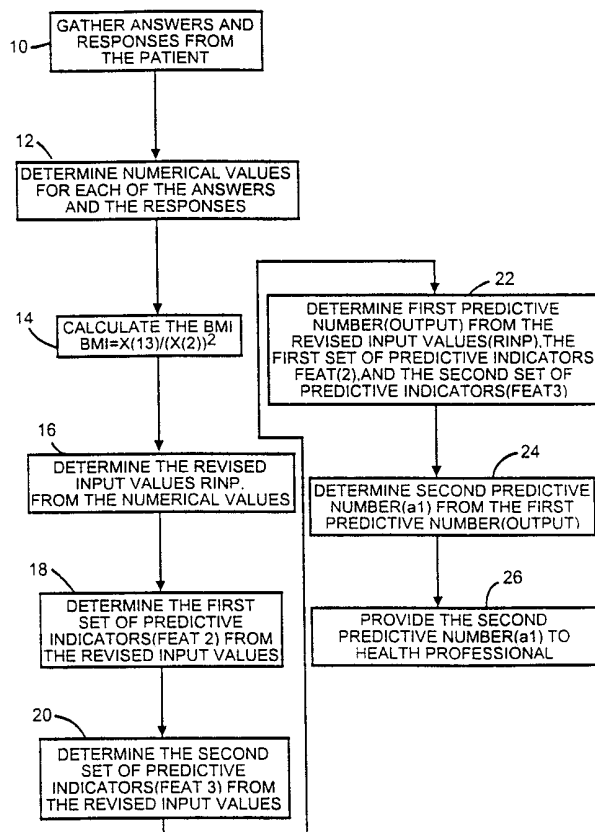
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61B 5/08, 10/00, 19/00, G06F 17/00, G06T 7/60		A3	(11) International Publication Number: WO 99/45452
			(43) International Publication Date: 10 September 1999 (10.09.99)
(21) International Application Number: PCT/US99/04808		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 5 March 1999 (05.03.99)			
(30) Priority Data:			
60/077,132	6 March 1998 (06.03.98)	US	
60/077,148	6 March 1998 (06.03.98)	US	
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		Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
		(88) Date of publication of the international search report: 18 November 1999 (18.11.99)	

(54) Title: ARTIFICIAL NEURAL NETWORK FOR PREDICTING RESPIRATORY DISTURBANCES AND METHOD FOR DEVELOPING THE SAME

(57) Abstract

A method for predicting respiratory disturbances, and a method for developing such an artificial neural network. The inputs to the method, and to the artificial neural network of the present invention are the answers given by a person to a series of questions (10). The output of the artificial neural network (26) is a predicted respiratory disturbance index.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/04808

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61B 5/08, 10/00, 19/00; G06F 17/00; G06T 7/60

US CL : 128/920, 925; 600/300, 529; 706/15, 21, 924

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. : 128/920, 925; 600/529, 300; 706/15, 21, 924

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)

APS, WEST 1.1A

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 5,839,438 A (GRAETTINGER et al) 24 November 1998, Abstract.	1-3



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

27 AUGUST 1999

Date of mailing of the international search report

28 SEP 1999

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