

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 May 2002 (02.05.2002)

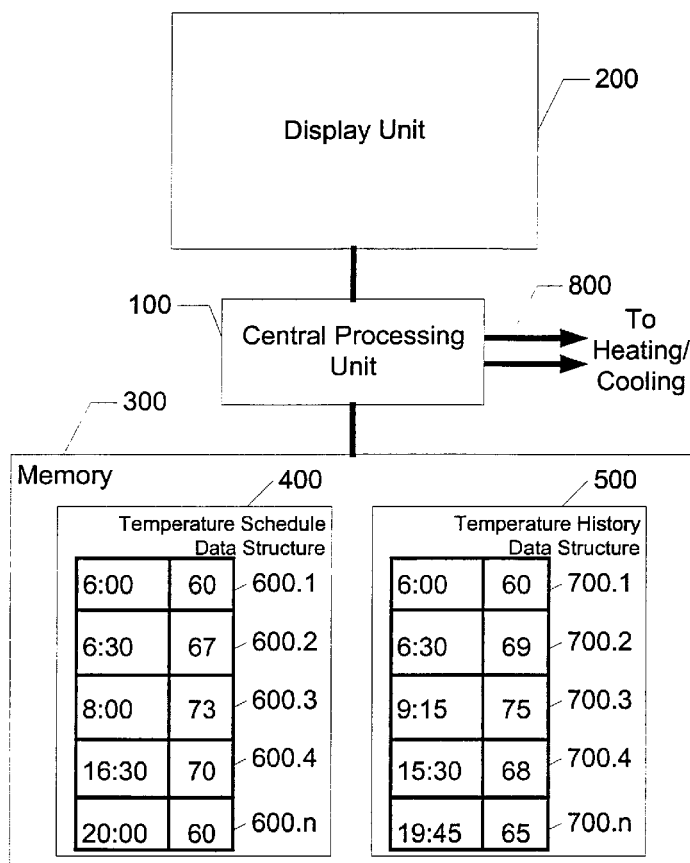
PCT

(10) International Publication Number
WO 02/35304 A2

- (51) International Patent Classification⁷: **G05D 23/19** (74) Agents: **CRISS, H., Roger** et al.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (21) International Application Number: PCT/US01/51022
- (22) International Filing Date: 23 October 2001 (23.10.2001) (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
09/697,633 26 October 2000 (26.10.2000) US
- (71) Applicant: **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) Inventor: **SHAH, Dipak, J.**; 7993 Lismore Circle, Eden Prairie, MN 55347 (US).
- (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, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: GRAPHICAL USER INTERFACE SYSTEM FOR A THERMAL COMFORT CONTROLLER



(57) Abstract: A graphical user interface system for a thermal comfort controller. The user interface system has a central processing unit coupled to a memory and a touch sensitive display unit. The memory stores a temperature schedule data structure and perhaps a temperature history data structure. The temperature schedule data structure is made up of at least one set-point. The temperature history data structure is made up of at least one Actual-Temperature-Point. The display presents the set-points and/or the Actual-Temperature-Points. One representation of the display is a graphical step-function. The user uses a finger or stylus to program the set-points by points and dragging a portion of the step-function.



Published:

— without international search report and to be republished
upon receipt of that report

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.