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(21) International Application Number: PCT/US95/08891 (22) International Filing Date: 14 July 1995 (14.07.95) (30) Priority Data: 08/275,868 15 July 1994 (15.07.94) ✓ US (71) Applicant: HONEYWELL INC. [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US). (72) Inventors: JUNTUNEN, Robert, D.; 5767 Vine Hill Road, Minnetonka, MN 55345 (US). ROTH, Roger, R.; 5201 Scott Court, Minnetonka, MN 55345 (US). (74) Agent: LEONARD, Robert, B.; Honeywell Inc., Honeywell Plaza - MN12-8251, Minneapolis, MN 55408 (US).		(81) Designated States: CA, JP, SG, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> SG 9612271-8 RTMP copy
(54) Title: ON-SITE CALIBRATION DEVICE AND METHOD FOR NONLINEARITY CORRECTION FOR FLOW SENSOR/TRANSMITTER ✓ (57) Abstract A method and apparatus for providing calibrated and linearized flow sensors for VAV systems with the sensor corrected for device/electronic/drift/and field air turbulence characteristics using factory calibrated flow or pressure sensors with output modified by a transfer function incorporated into a lookup table for each sensor. This allows low power processors to handle the adjustment on-site. Further adjustment is made on-site with reference to actual flow and turbulence effects.		

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