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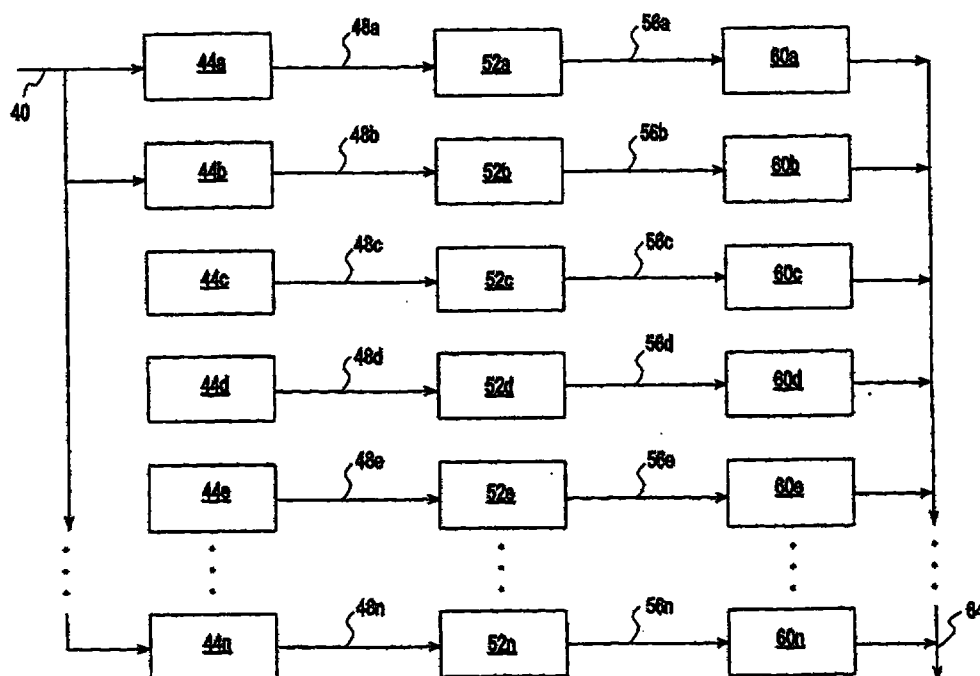


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IPDS

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H03K 7/06, G01S 13/00		A1	(11) International Publication Number: WO 99/09650
			(43) International Publication Date: 25 February 1999 (25.02.99)
(21) International Application Number: PCT/US98/17278		(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, 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: 20 August 1998 (20.08.98)			
(30) Priority Data: 60/056,228 21 August 1997 (21.08.97) US 60/056,455 21 August 1997 (21.08.97) US 60/087,036 28 May 1998 (28.05.98) US			
(71) Applicant (for all designated States except US): DATA FUSION CORPORATION [US/US]; Suite 1260, 9035 Wadsworth Parkway, Westminster, CO 80021 (US).		Published 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.	
(72) Inventors; and (75) Inventors/Applicants (for US only): KOBER, Wolfgang [US/US]; 7017 South Richfield, Aurora, CO 80016 (US); THOMAS, John, K. [US/US]; 569 West Street, Louisville, CO 80027 (US).			
(74) Agents: SWARTZ, Douglas, W. et al.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (US).			

(54) Title: METHOD AND APPARATUS FOR ACQUIRING WIDE-BAND PSEUDORANDOM NOISE ENCODED WAVEFORMS



(57) Abstract

The method and apparatus of the present invention is directed to architecture for signal processing, such as for performing analog-to-digital (180) and digital-to-analog (112) conversions, in which the source signal is decomposed into subband signals by an analysis filter (104), processed, and the processed subband signals (228) combined to form a reconstructed signal that is representative of the source signal (102).