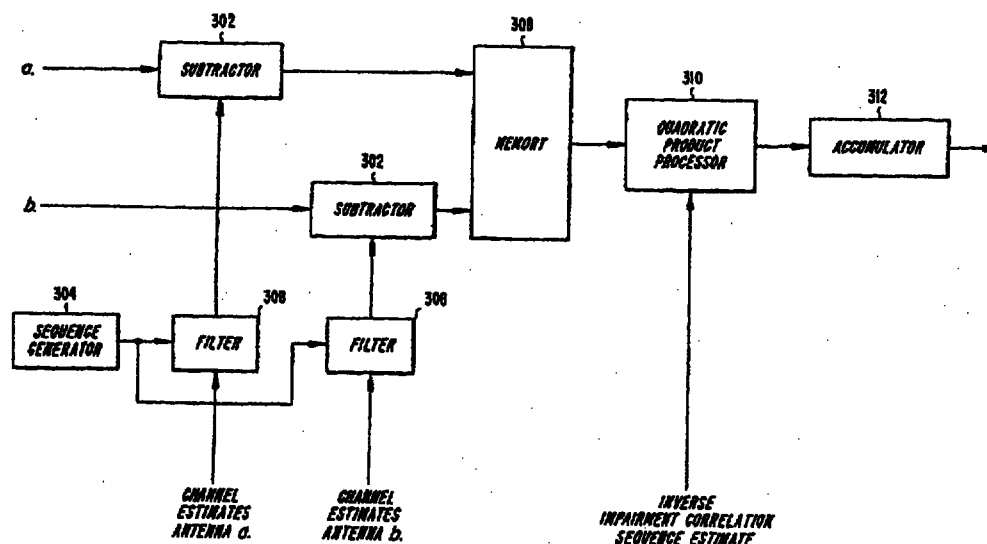


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(71) Applicant: ERICSSON INC. [US/US]; 7001 Development Drive, P.O. Box 12969, Research Triangle Park, NC 27709 (US).			
(72) Inventor: BOTTOMLEY, Gregory, Edward; 100 Merlot Court, Cary, NC 27511 (US).		Published <i>With international search report.</i>	
(74) Agents: GRUDZIECKI, Ronald, L. et al.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).			

(54) Title: **METHOD AND APPARATUS FOR INTERFERENCE DECORRELATION IN TIME AND SPACE**

(57) Abstract

Receivers and methods for receiving transmitted symbols are disclosed in which techniques are applied to jointly combat fading, time dispersion, and interference that is correlated in both space and time. These objects are accomplished by, for example, providing an inverse impairment correlation sequence estimate to the branch metric processor in addition to a channel estimate. The branch metric processor can then use this additional information to provide branch metrics that take into account the time correlation of impairment to improve the symbol hypotheses.