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PO11 0PN (GB). **JOLLY, Paul Harvey Ronald** [GB/GB];

5 Lakeside, Funtley, Fareham Hampshire PO17 5EP (GB).

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(74) **Agent:** **BEBBINGTON, Nicholas**; Fulwood House, 12

Fulwood Place, London London WC1V 6HR (GB).

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(71) **Applicant** (for all designated States except US): **XYRA-**

**TEX TECHNOLOGY LIMITED** [GB/GB]; Langstone Road, Havant Hampshire PO9 1SA (GB).

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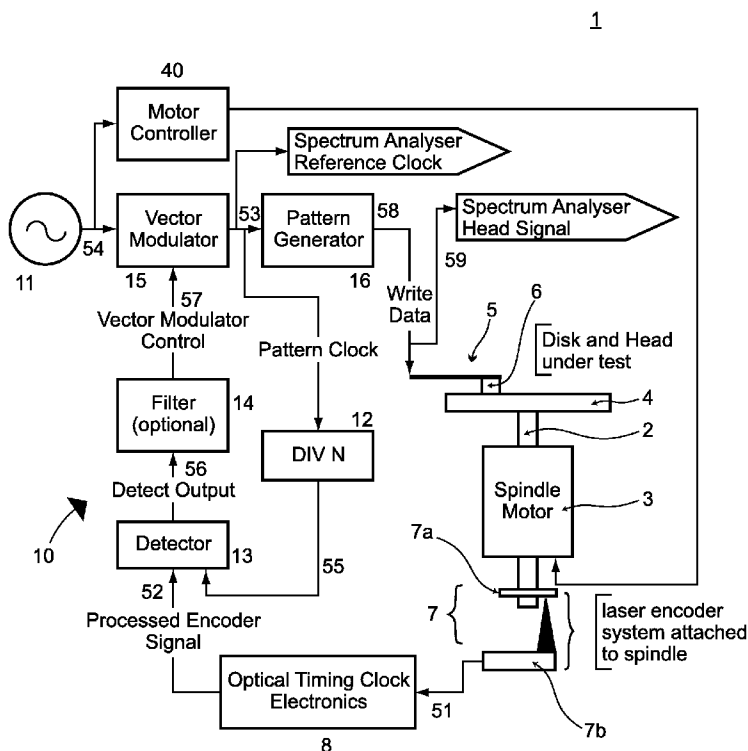
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**(54) Title:** APPARATUS AND METHODS OF GENERATING A TEST PATTERN OF DATA, ANALYSING A TEST PATTERN OF DATA, AND TESTING A DATA STORAGE DISK MEDIUM AND/OR A READ/WRITE HEAD

(57) **Abstract:** There is disclosed

apparatus and methods of generating a test pattern of data, analysing a test pattern of data, and testing a data storage disk medium and/or a read/write head. In a preferred embodiment there is disclosed a method of generating a test pattern of data to be written to a data storage disk medium (4) for testing. The method comprises: rotating the disk (4); detecting fluctuations in the speed of rotation of the disk (4); producing a reference clock signal (53) in accordance with said fluctuations so as to be synchronised with the rotation of the disk (4); and, generating a test pattern of data (58) using said reference clock signal (53) as a timing reference.



**Fig. 1**



NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,  
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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