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(54) **Title:** MULTI-RESOLUTION BEAMFORMING BASED ON CODEBOOKS IN MIMO SYSTEMS

(57) **Abstract:** Transmission and reception beamforming coefficients are calculated on the basis of training signals and a set of codebooks.

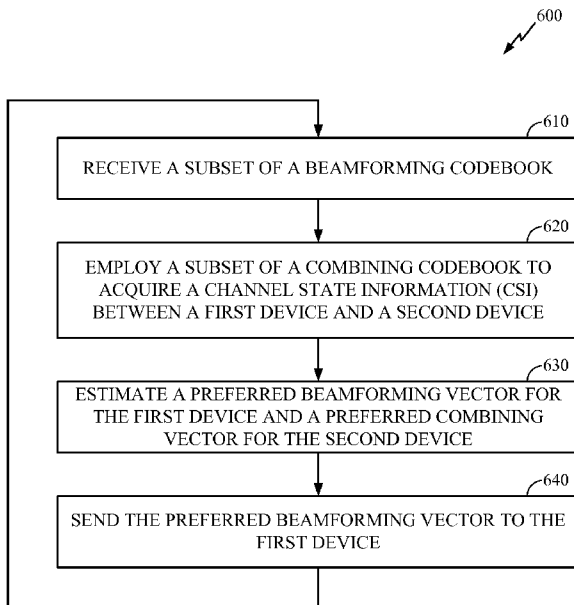


FIG. 6

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 850 507 A (SONY) 31 October 2007 (2007-10-31) paragraph [0013] paragraph [0017]	1-43
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X	WO 2008/023311 A (PHILIPS ELECTRONICS) 28 February 2008 (2008-02-28) page 2, line 7 - line 15.	1-43
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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