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(54) **REPETITION CODING FOR A WIRELESS SYSTEM**

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(75) Inventors: **Won-Joon Choi**, Sunnyvale, CA (US);  
**Qinfang Sun**, Cupertino, CA (US);  
**Jeffrey M. Gilbert**, Sunnyvale, CA (US)

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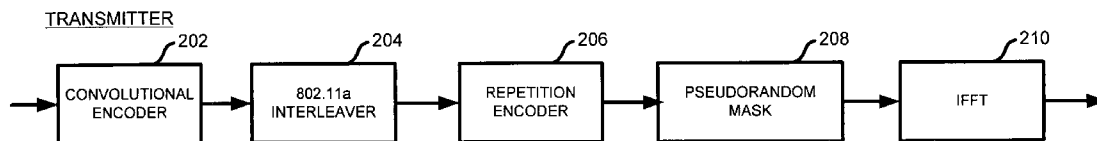
Correspondence Address:  
**VAN PELT, YI & JAMES LLP**  
**10050 N. FOOTHILL BLVD #200**  
**CUPERTINO, CA 95014 (US)**

(57) **ABSTRACT**

A system and method are disclosed for transmitting data over a wireless channel. In some embodiments, transmitting data includes receiving convolutionally encoded data and enhancing the transmission of the data by further repetition encoding the data.

(73) Assignee: **Atheros Communications, Inc.**

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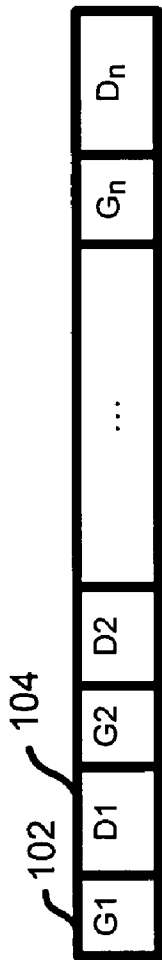


FIG. 1A



FIG. 1B

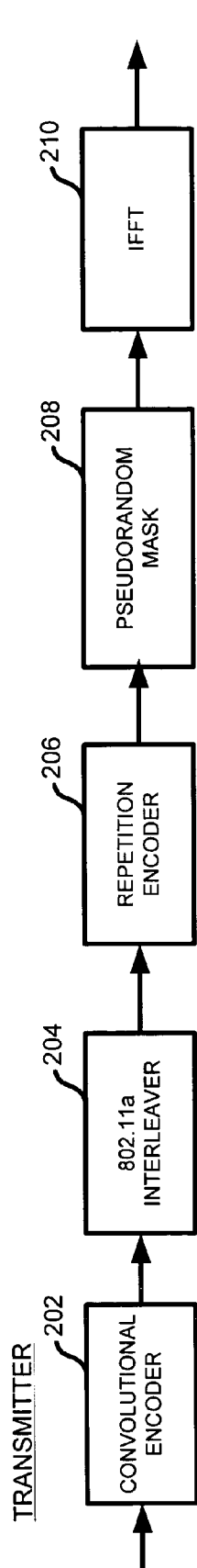


FIG. 2A

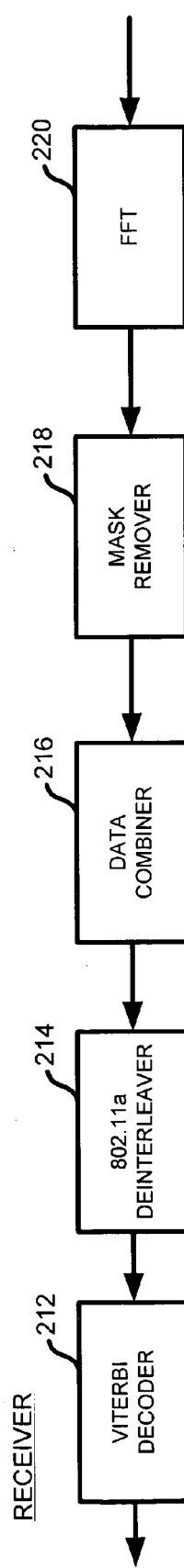
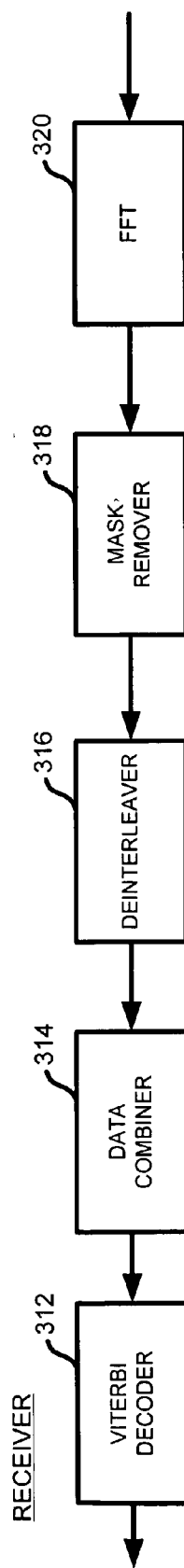
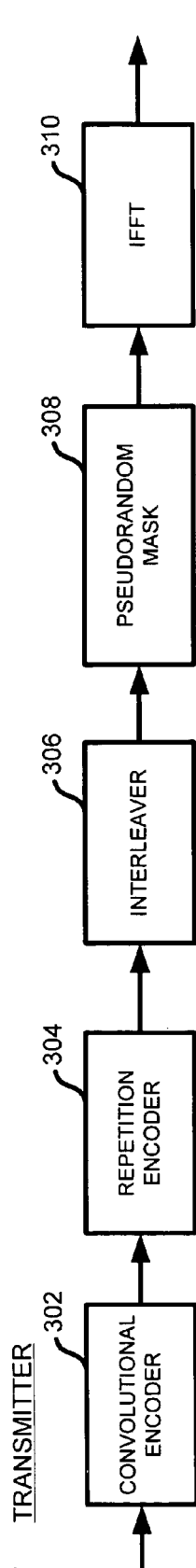



FIG. 2B



WRITE IN



1	7	13	19	25	31	37	43
2	8	14	20	26	32	38	44
3	9	15	21	27	33	39	45
4	10	16	22	28	34	40	46
5	11	17	23	29	35	41	47
6	12	18	24	30	36	42	48

**FIG. 4A**



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