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(71) Applicant (for all designated States except US): **BAKER HUGHES INCORPORATED** [US/US]; PO Box 4740, Houston, TX 77210-4740 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TRINH, Tu Tien** [US/US]; 11907 Hendon, Houston, Texas 77072 (US). **SULLIVAN, Eric** [US/US]; 10714 Sagecanyon, Houston, TX 77089 (US).

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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: APPARATUS AND METHODS FOR REAL TIME COMMUNICATION BETWEEN DRILL BIT AND DRILLING ASSEMBLY

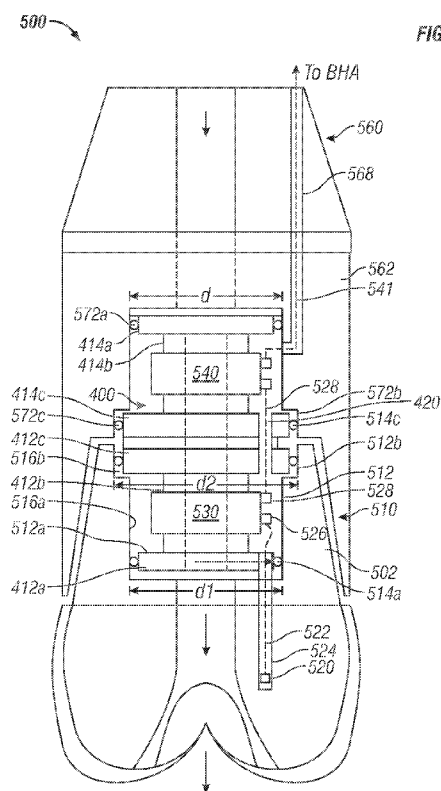


FIG. 5

(57) Abstract: An apparatus made according to one embodiment includes a drill bit that has a cavity at an end thereof and a communication device placed in the cavity, wherein the communication device includes a first section and a second section, wherein an outer dimension of the second section is greater than an outer dimension of the first section, and wherein the second section includes a conduit configured to allow passage of a conductor from the drill bit to a location outside the drill bit so as to provide a direct connection of the conductor from the drill bit to an element outside the drill bit.



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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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