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- (71) Applicant: **HUAWEI TECHNOLOGIES CO.,LTD.**
[CN/CN]; Huawei Administration Building, Bantian, Long-
gang District, Shenzhen, Guangdong 518129 (CN).
- (72) Inventors: **SHAHSAVARI, Shahram**; Suite 400, 303
Terry Fox Drive, Kanata, Ottawa, Ontario 231 (CA).
BAYESTEH, Alireza; Suite 400, 303 Terry Fox Drive,
Kanata, Ottawa, Ontario 231 (CA). **MA, Jianglei**; Suite
400, 303 Terry Fox Drive, Kanata, Ottawa, Ontario 231
(CA). **TONG, Wen**; Suite 400, 303 Terry Fox Drive, Kana-
ta, Ottawa, Ontario 231 (CA).

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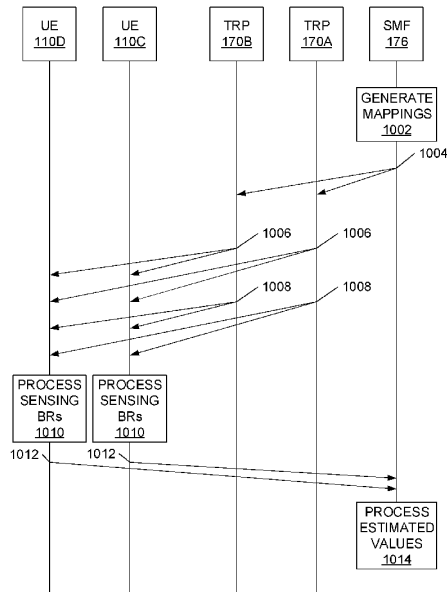


FIG. 10

- (57) Abstract: Some embodiments of the present disclosure provide a scheme for multiplexing of sensing pilot signals and data content signals. A mapping generator may generate a time-frequency pattern specific to a sensing pilot signal transmitting node. The time-frequency pattern may indicate, for a plurality of resource blocks, a plurality of first resource blocks that are to be used for transmitting a plurality of sensing pilot signals, a plurality of second resource blocks that are to be used for transmitting data content signals and a sensing pilot signal parameter for each sensing pilot signal among the plurality of sensing pilot signals. A sensing pilot signal receiving node may process a received version of the given sensing pilot signal to obtain an estimate of a sensing parameter that characterizes a difference between a transmitted version of the given sensing pilot signal and the received version of the given sensing pilot signal.

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