



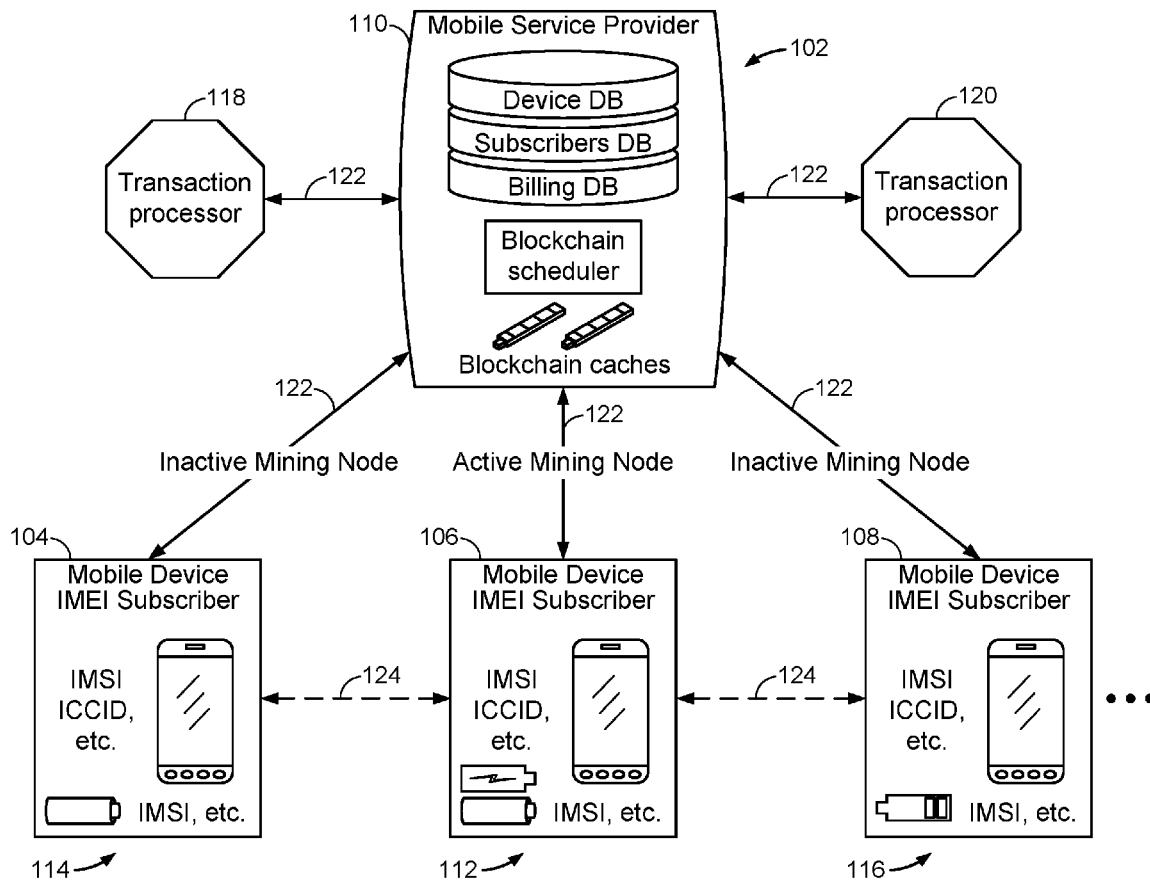
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(19) **United States**(12) **Patent Application Publication**  
**Gleichauf**(10) **Pub. No.: US 2018/0109541 A1**(43) **Pub. Date: Apr. 19, 2018**(54) **BLOCKCHAIN MINING USING TRUSTED  
NODES***H04L 9/32* (2006.01)*H04W 12/06* (2006.01)(71) Applicant: **ARM Ltd.**, Cambridge (GB)(52) **U.S. Cl.**CPC ..... *H04L 63/123* (2013.01); *H04L 67/1097*(2013.01); *H04L 2463/102* (2013.01); *H04L**9/3236* (2013.01); *H04W 12/06* (2013.01);*H04W 8/24* (2013.01)(72) Inventor: **Paul Harry Gleichauf**, Los Altos, CA  
(US)(21) Appl. No.: **15/295,695**

(57)

**ABSTRACT**(22) Filed: **Oct. 17, 2016**

Briefly, example methods, apparatuses, and/or articles of manufacture are disclosed that may be implemented, in whole or in part, using one or more mobile communication devices and/or processing devices to facilitate and/or support one or more operations and/or techniques for blockchain mining using trusted nodes, such as via democratization of associated resources for fair blockchain mining, for example.

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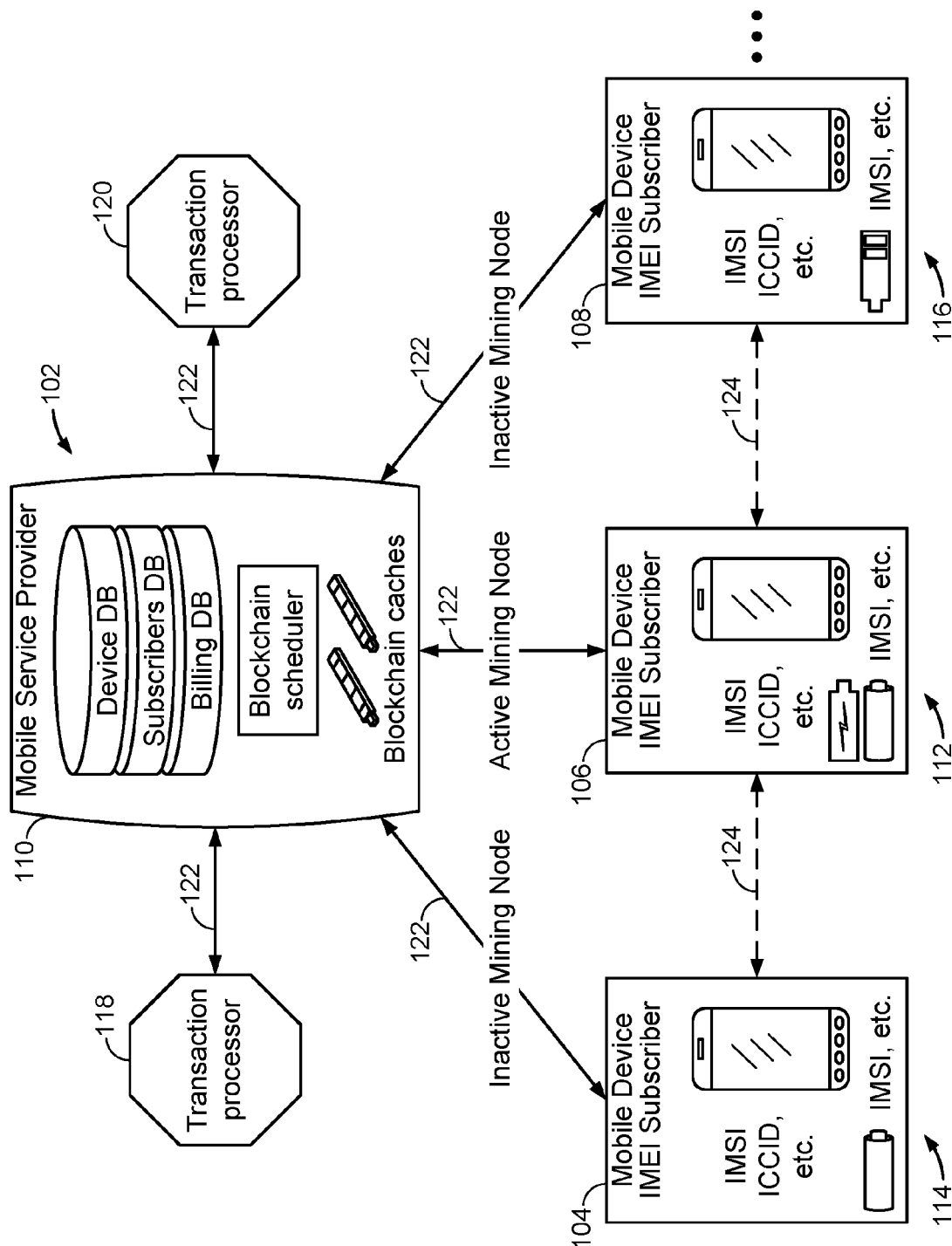
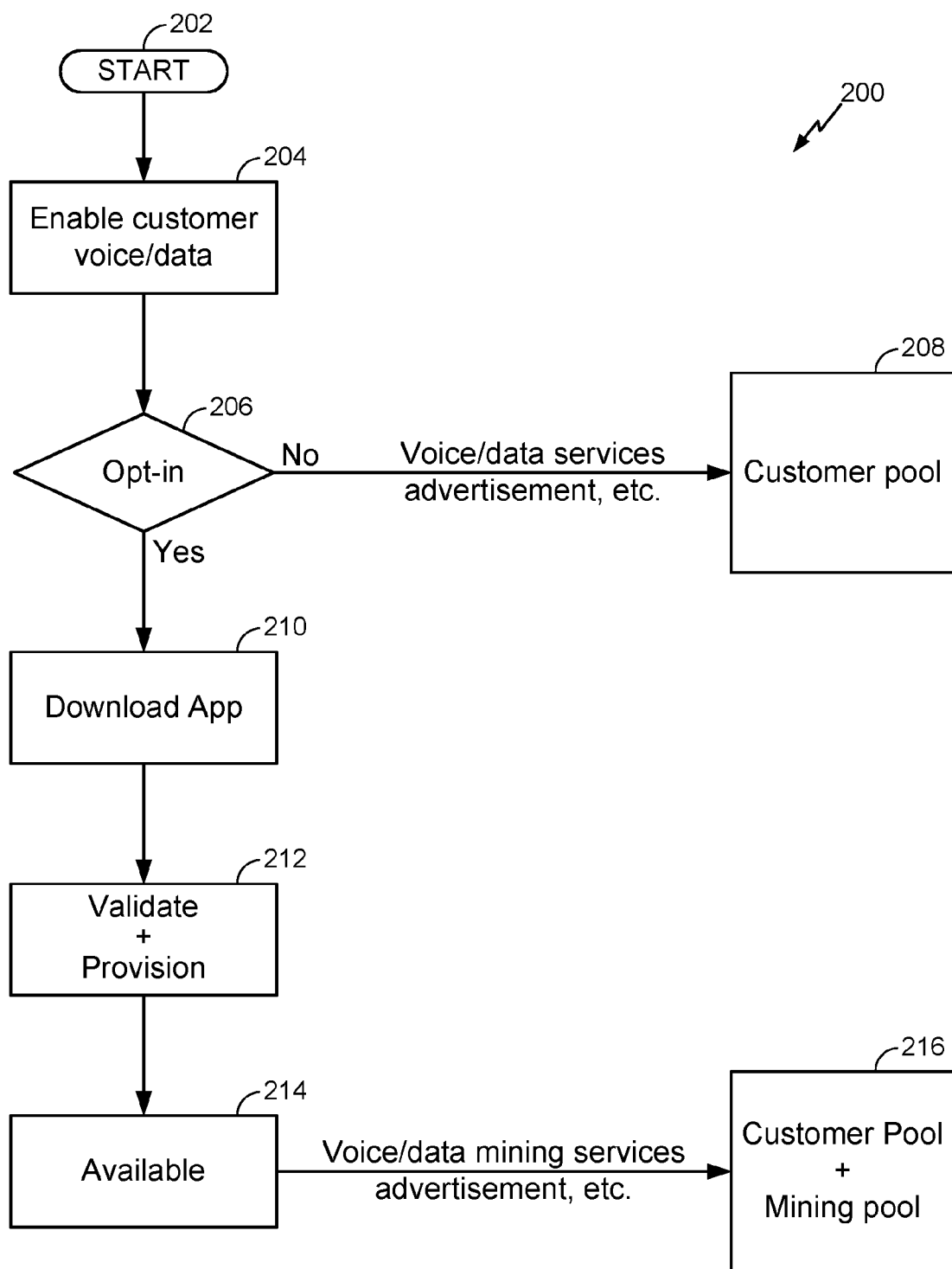


FIG. 1



**FIG. 2**

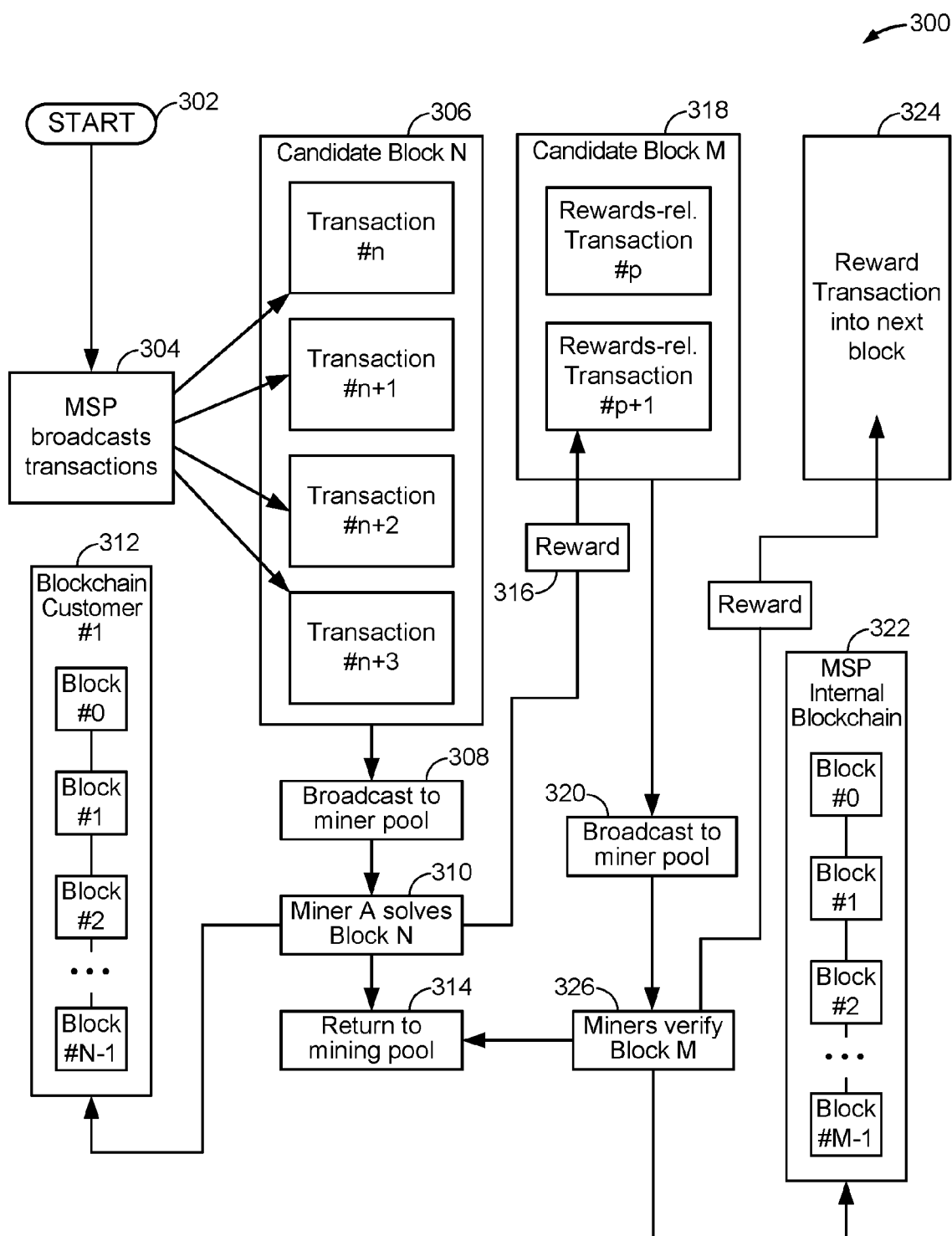
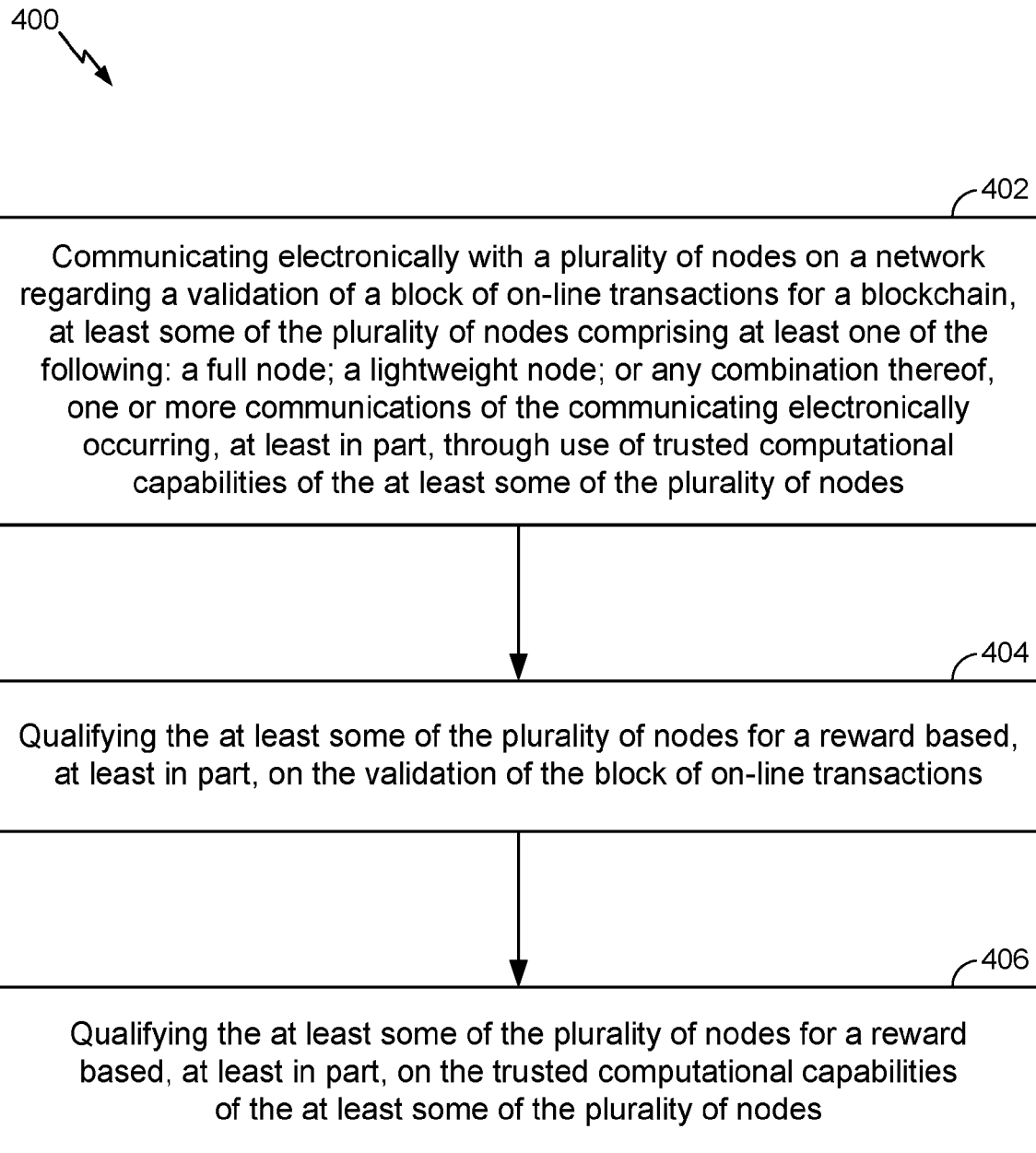


FIG. 3

**FIG. 4**

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