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**AGIWAL et al.**(10) **Pub. No.: US 2023/0232463 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHOD AND APPARATUS FOR RANDOM ACCESS PROCEDURE**(71) Applicant: **Samsung Electronics Co., Ltd.**,  
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**Soenghun KIM**, Suwon-si (KR)(21) Appl. No.: **18/189,043**(22) Filed: **Mar. 23, 2023****Related U.S. Application Data**(63) Continuation of application No. 17/033,465, filed on  
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**ABSTRACT**

The present disclosure relates to a communication method and system for converging a 5th-Generation (5G) communication system for supporting higher data rates beyond a 4th-Generation (4G) system with a technology for Internet of Things (IoT). The present disclosure may be applied to intelligent services based on the 5G communication technology and the IoT-related technology, such as smart home, smart building, smart city, smart car, connected car, health care, digital education, smart retail, security and safety services. The present disclosure provides method and apparatus of performing random access procedure.

