

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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T-Mobile USA, Inc., AT&T Services Inc., AT&T Mobility LLC, AT&T Corporation, Cellco Partnership d/b/a Verizon Wireless, Nokia of America Corporation, Ericsson Inc.  
Petitioners

v.

Cobblestone Wireless LLC  
Patent Owner

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Case IPR2023-00136  
Patent 8,891,347

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**PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NO. 8,891,347**

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