

SPRINT SPECTRUM L.P., SPRINTCOM, INC., T-MOBILE USA, INC., and T-MOBILE US, INC.

Petitioners

v.

INTELLECTUAL VENTURES II LLC

Patent Owner

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U.S. Patent No. 8,682,357

U.S. Patent No. 8,897,828

U.S. Patent No. 8,953,641

U.S. Patent No. 9,320,018

U.S. Patent No. 9,532,330

U.S. Patent No. 9,681,466

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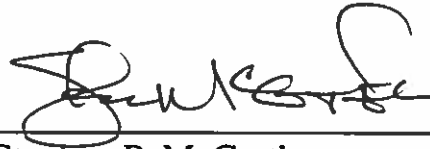
**T-MOBILE USA, INC. AND T-MOBILE US, INC.'S POWER OF ATTORNEY**

Petitioners T-Mobile USA, Inc. and T-Mobile US, Inc. (collectively, “T-Mobile”) hereby appoint the following practitioners as their attorneys/agents to transact all business in the United States Patent & Trademark Office associated with the *inter partes* reviews of U.S. Patent Nos. 8,682,357, 8,897,828, 8,953,641, 9,320,018, 9,532,330, and 9,681,466:

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The individual signing below has the authority to execute this document on behalf  
of T-Mobile.



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Stephen P. McGrath  
Principal Corporate Counsel  
**T-Mobile USA, Inc.**  
**T-Mobile US, Inc.**

09/19/2018  
Date