IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HALLIBURTON ENERGY SERVICES, INC. Petitioner,

v.

US WELL SERVICES LLC
Patent Owner

Case Nos.

IPR2021-01032 (Patent 9,410,410); IPR 2021-01033 (Patent 8,789,601); IPR 2021-01034 (Patent 10,337,308); IPR 2021-01035 (Patent 9,970,278); IPR 2021-01036 (Patent 9,611,728); IPR 2021-01037 (Patent 9,745,840); IPR 2021-01038 (Patent 10,408,030); IPR 2021-01065 (Patent 9,840,901); IPR 2021-01066 (Patent 10,020,711); IPR 2021-01238 (Patent 10,526,882); IPR 2021-01315 (Patent 9,893,500); IPR 2021-01316 (Patent 10,280,724); IPR 2021-01538 (Patent 10,408,031); IPR 2022-00074 (Patent 10,254,732); and IPR 2022-00610 (Patent 10,934,824).

PETITIONER'S UPDATED POWER OF ATTORNEY

Petitioner Halliburton Energy Services, Inc. hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent and Trademark Office associated with the above-captioned *inter partes* review.

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Petitioner also appoints all practitioners associated with Customer Numbers 31625 and 05073 of Baker Botts, LLP jointly, and each of them severally, with full power of substitution, delegation, and revocation.

The individual signing below has the authority to execute this document on behalf of **HALLIBURTON ENERGY SERVICES, INC.**

/Craig W. Roddy/	November 16, 2022
Signature	Date
Craig W. Roddy Name	
Vice President and Chief Patent Counsel Title	