

CERTIFICATE OF TRANSLATION

I, Roger P. Lewis, residing at 42 Bird Street North, Martinsburg, WV 25401, hereby declare and state the following:

1. I am well acquainted with the English and Japanese languages and have in the past translated numerous English and Japanese documents of legal, technical, and business content.
2. I hereby certify that the Japanese to English translation of the attached document identified below is a true and correct translation, to the best of my knowledge and ability:

Yoshiyuki Tatsumi Declaration relating to Case: IPR2017-00190

I hereby certify under penalty of perjury that the foregoing is true and correct.

SINCERELY,



ROGER P. LEWIS

Date: July 31, 2017