I, Zhenfei Zhang, 187 Ballardvale st. suite A202, Wilmington MA 01887, U.S., am the owner or authorized representative of the owner of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed:

Title: Senior Research Scientist, Onboard Security

Date: Nov 30, 2017

Place: 187 Ballardvale st. Suite 202A, Wilmington MA 01887, U.S.