

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SONY CORPORATION,
Petitioner

v.

RAYTHEON COMPANY,
Patent Owner

Case IPR2015-01201

Patent 5,591,678

DECLARATION OF RONALD L. WILLIAMS

I, Ronald L. Williams, declare:

I. Introduction

1. I am over eighteen years of age and in all respects fully competent to make this Declaration. I have personal knowledge of the facts, as stated herein, and all are true and correct.

2. During the timeframe of 1990-1993, I was a scientist employed at the ~~Carlsbad Research Center (CRC)~~ *Hughes Technology Center RW 3/7/14* for Hughes Aircraft Company. The CRC was part of the Hughes Microelectronics Center (HMC). During these years, I worked with various CRC personnel, including the Ronald M. Finnila, Joseph J. Bendik and Gerard T. Malloy.

3. During this timeframe, I was aware of the work being done by Ron Finnila at the CRC.

4. I have reviewed 2008, RAY00000176-184, which is an invention disclosure form ("1990 Invention Disclosure"). I signed this document as a witness on August 9, 1990.

5. I affirm that the signature on the bottom of pages numbered RAY00000177-184 is mine. By signing my name, I affirmed that I had read and understood the 1990 Invention Disclosure. I believed this affirmation to be true at the time of execution, and I have no reason to doubt it now.

I declare under the penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Date: March 7, 2016


Ronald L. Williams