

**DECLARATION OF MARTIN CROSS REGARDING TRANSLATION OF
REFERENCES FROM JAPANESE TO ENGLISH**

I, Martin Cross, declare, certify, and state as follows:

1. I possess advanced knowledge of the Japanese and English languages. My qualifications are as follows:
 - More than 25 years as a technical Japanese translator
 - 1986, York University, B.A. in English Literature
 - 2008 to Present, Patent Translator, KLS, Inc.
 - Co-author of the *Japanese Patent Translator's Handbook*, published by American Translators Association;
 - United States district court recognition as an expert in Japanese technical translation for patent litigation; and
 - Work experience including design and testing of electronic circuits for Research and Development Laboratories Waterloo Ltd.
2. I reviewed the original document entitled Japanese Unexamined Patent Application Bulletin No. JP-2001-053184-A (“Furuya”) and translated it faithfully from Japanese to English.
3. The translation submitted as IPR Exhibit 1006 is, to the best of my knowledge and belief, a true and accurate translation from Japanese to English of Furuya.
4. I reviewed the original document entitled Japanese Unexamined Patent Application Bulletin No. JP-2001-118957-A (“Kimura”) and translated it faithfully from Japanese to English.
5. The translation submitted as IPR Exhibit 1008 is, to the best of my knowledge and belief, a true and accurate translation from Japanese to English of Kimura.
6. I understand that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001).

7. I declare under penalty of perjury that all statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true.

Executed on January 11, 2018, in Vancouver, Canada

By:

A handwritten signature in black ink, appearing to be 'Martin Cross', with a long, sweeping horizontal stroke extending to the right.

Martin Cross