



Docket No. X-1880 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

John G. O'Dwyer of 105 Castledawson, Maynooth, Co. Kildare, Ireland

hereby sell, assign and transfer to Xilinx, Inc., a Delaware corporation, having a place of business at 2100 Logic Drive, San Jose, California 95124, its successors and assigns, the entire right, title and interest throughout the world in our invention

**APPARATUS AND METHOD FOR TEMPERATURE MEASUREMENT USING A BANDGAP VOLTAGE REFERENCE**

for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I/we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me/us; I/we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at its request and expense, in obtaining and enforcing patents for said invention in all countries; and I/we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 7 day of February, 2005.

John G. O'Dwyer  
John G. O'Dwyer

State of Ireland  
County of \_\_\_\_\_

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

WITNESS my hand

Shirley Wadhwa 7/February/2005  
Signature Date

WITNESS my hand

Patrick Lynch 7<sup>th</sup> Feb 2005  
Signature Date

KK:jam