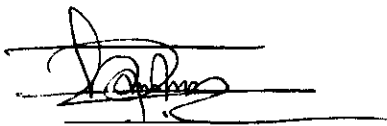

Declaration

I declare that this dissertation is my own, unaided work. It is being submitted for the Degree of Master of Science in the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination in any other university.

A handwritten signature in black ink, appearing to read 'Ur A Koumba', is written over three horizontal lines.

Ur A KOUMBA

This 4th day of October 2010, at Johannesburg, South Africa.