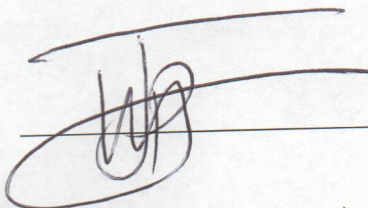


Declaration

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 for any degree or examination in any other university.

A handwritten signature in dark ink, consisting of stylized, overlapping loops and strokes, positioned above a horizontal line.

(Signature of candidate)

19 day of OCTOBER 2012 in Johannesburg.