**DEVELOP AND DESIGN OF AN ULTRASONIC SYSTEM TO HELP BLIND PEOPLE NAVIGATE IN CLOSED SPACES**

**A THESIS SUBMITTED TO THE**

**GRADUATE SCHOOL OF APPLIED SCIENCES**

**OF**

**NEAR EAST UNIVERSITY**

**By**

**ALI MUSADAQ SAHANSHAL**

**In Partial Fulfillment Of The Requirements for The Degree of Master of Science**

**In**

**Biomedical Engineering**

**NICOSIA 2013**