

**APPLICANT: 200 TOY (HK) LTD.**

200 Toys (HK) Ltd.  
FCC ID: O4Y21009A  
Job #: 510AH1  
Exhibit #: 10

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**CIRCUIT DESCRIPTION**

This unit is a low power walkie talkie operating in the 49 MHz band.

While transmitting transistor TR1 serves as a crystal controlled oscillator. Transistors TR2, TR3 and TR4 are used as audio amplifiers and amplitude modulate the transmitter.

When receiving transistor TR1 serves as a super regenerative detector. Transistors TR2, TR3 and TR4 are again used as audio amplifiers.

The unit is powered by a 9 volt transistor battery.

**ANTENNA & GROUND**

This unit used a helical antenna. The antenna is self contained and there is no provision for connecting an external antenna.

No ground connection is provided. The only ground used is the ground track on the PC board.