MASUOKA (TOSHIBA) AND his colleagues described a 256K flash EEPROM memory in 1985. The cells were programmed by channel hot electron injection and the erase was achieved by poly to poly field emission. A cell size of 64 $\mu$m$^2$ and a die size of 5.7 mm x 5.8 mm was presented. This was early pioneering work for the modern flash memories.