

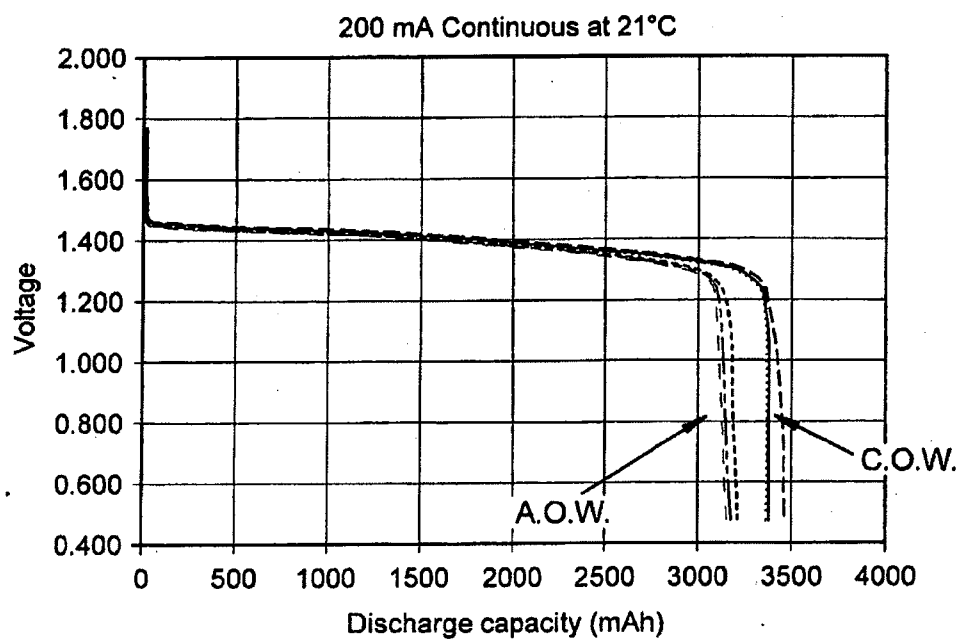


FIG. 1

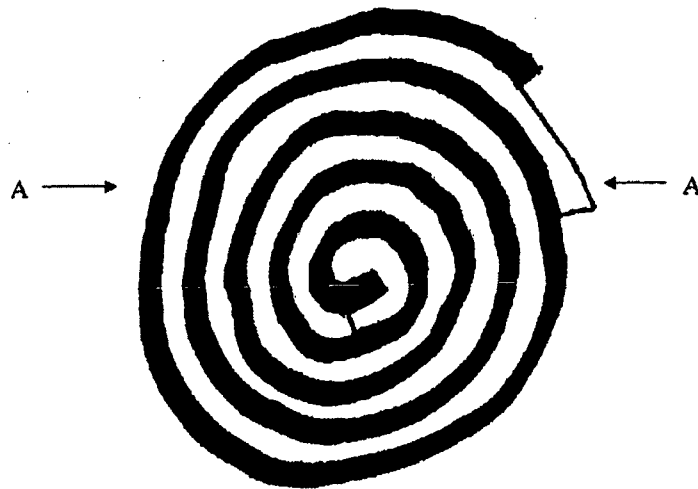


FIGURE 2A

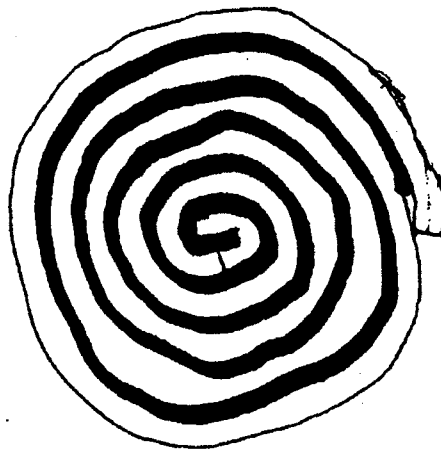


FIGURE 2B

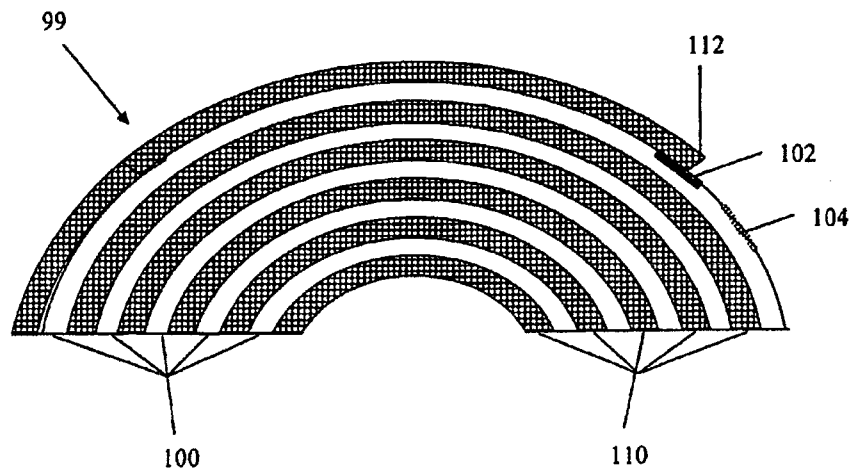


FIGURE 2C

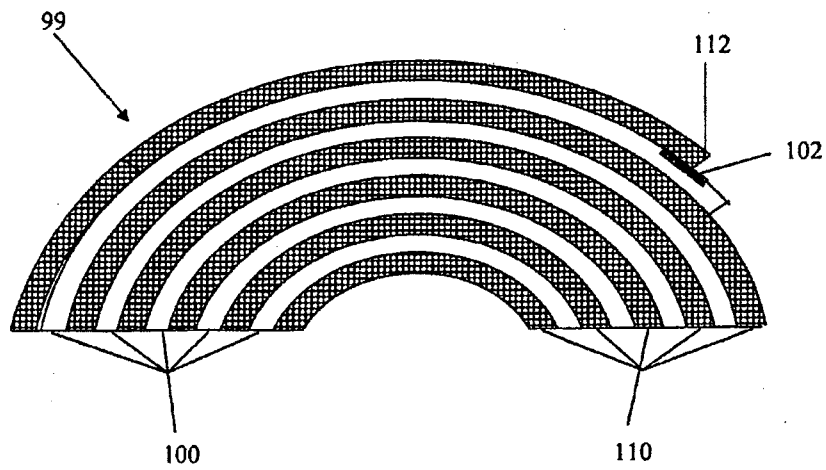


FIGURE 2D

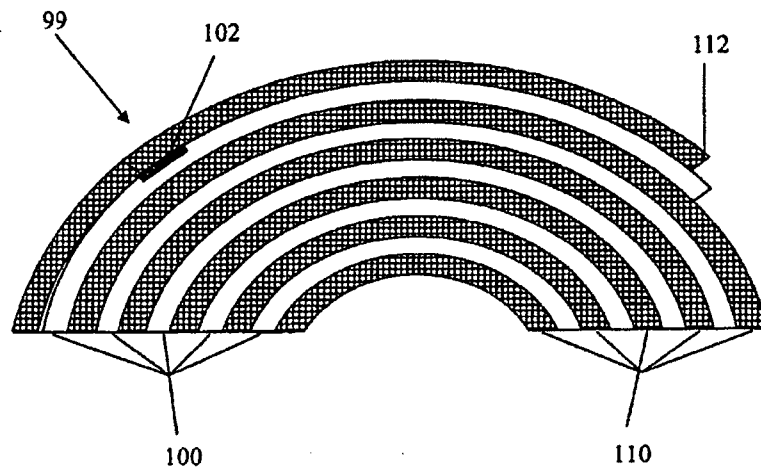


FIGURE 2E

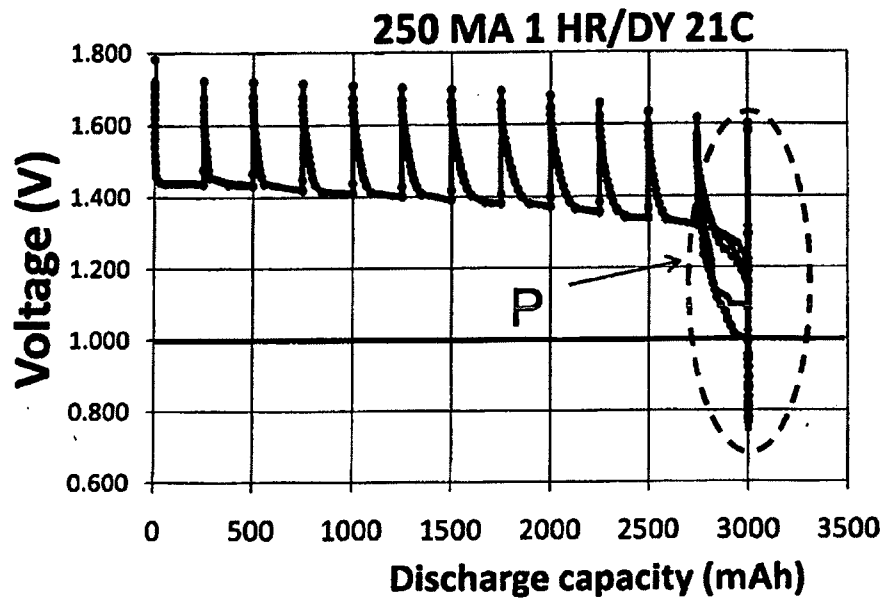


FIGURE 3A

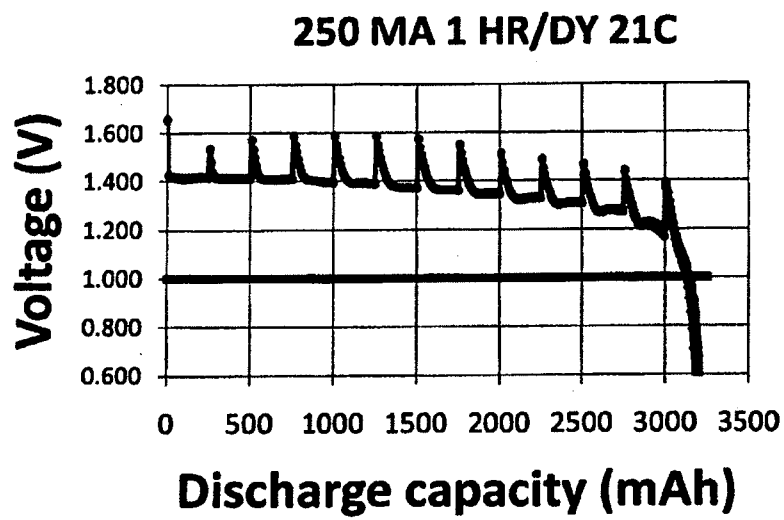


FIGURE 3B

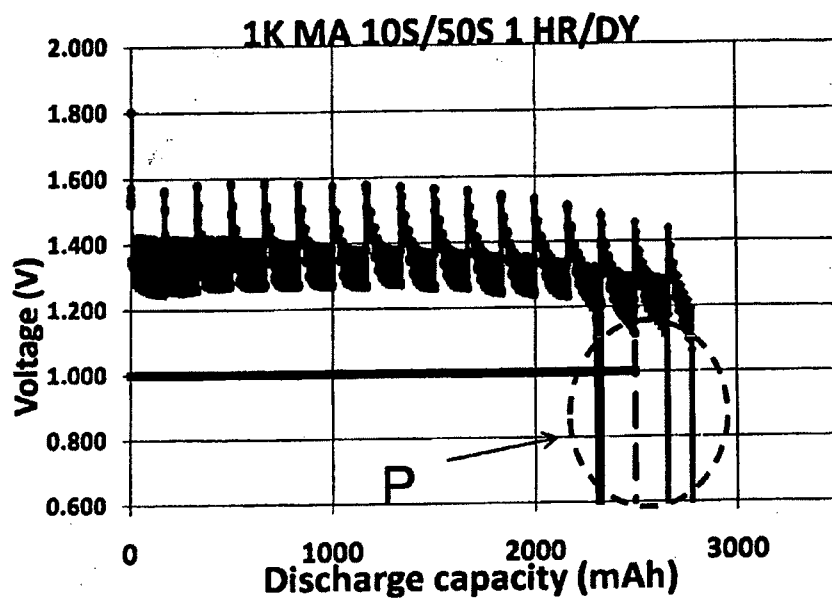


FIGURE 4A

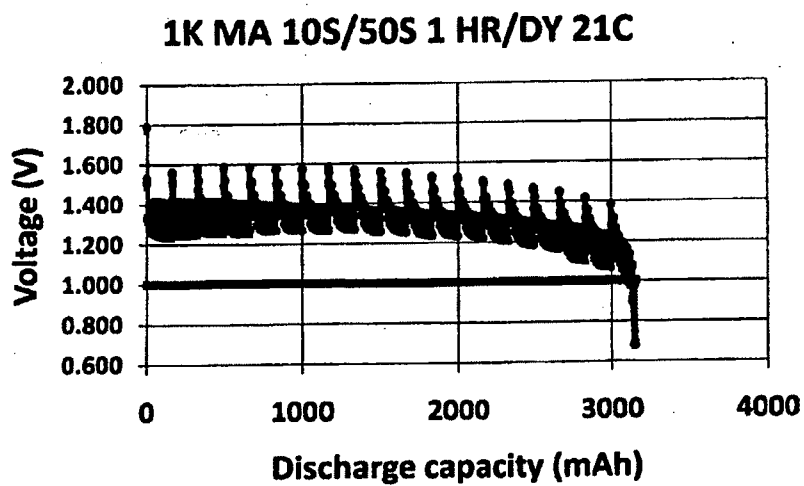


FIGURE 4B

1K MA 10S/50S 1 HR/DY

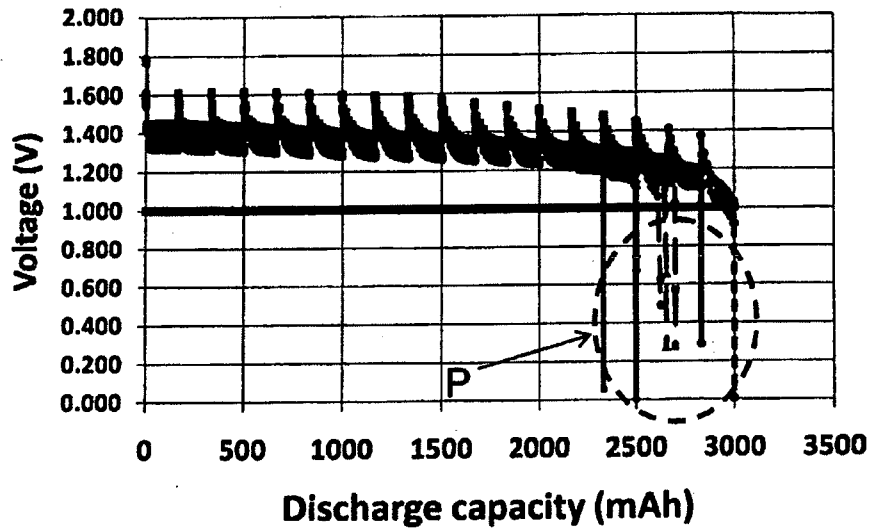


FIGURE 5A

250 MA 1 HR/DY

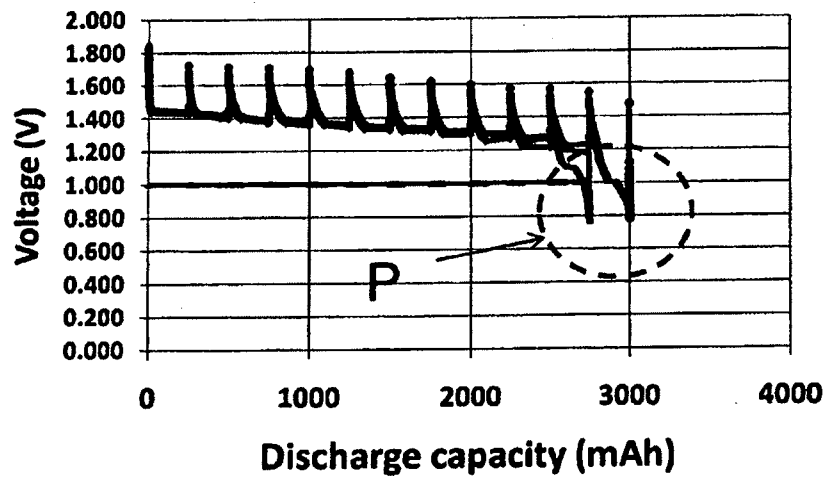
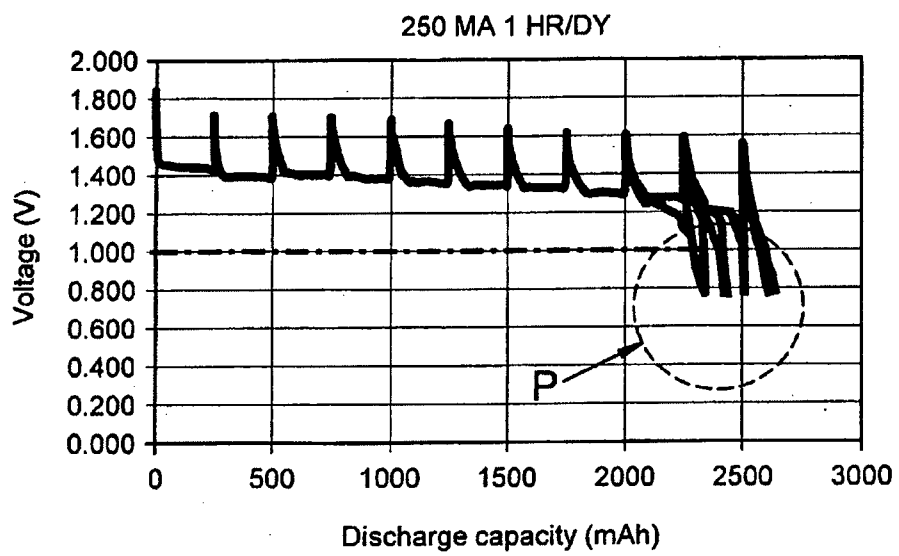


FIGURE 5B

**FIGURE 5C**

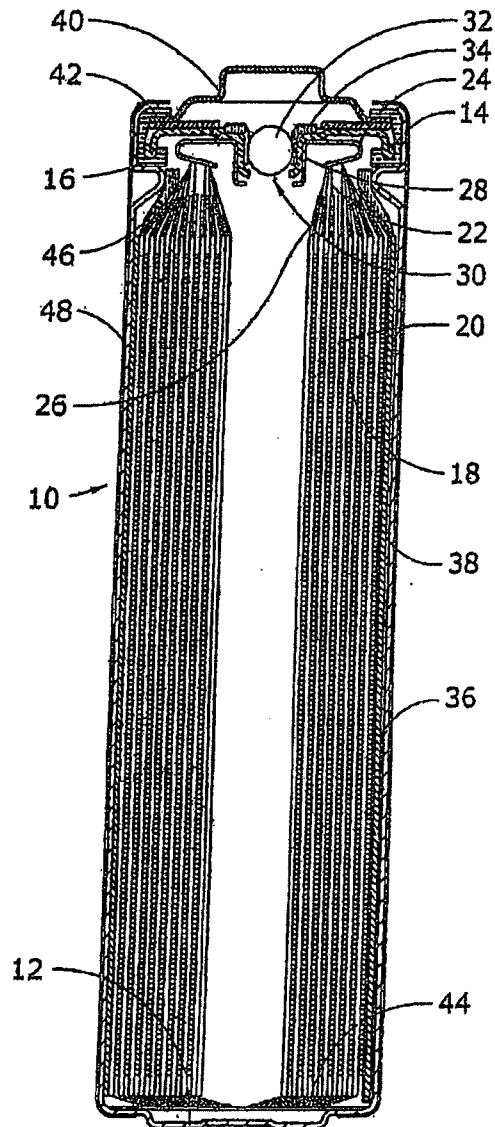
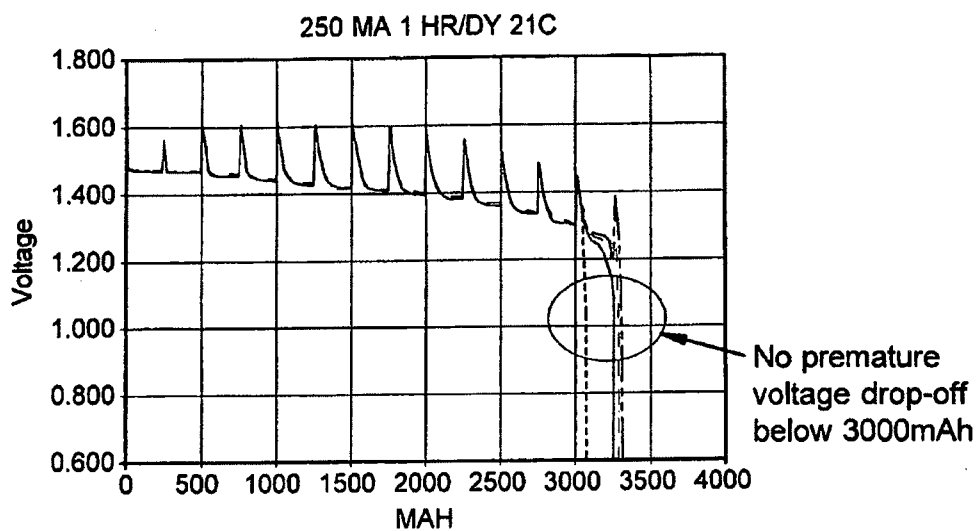
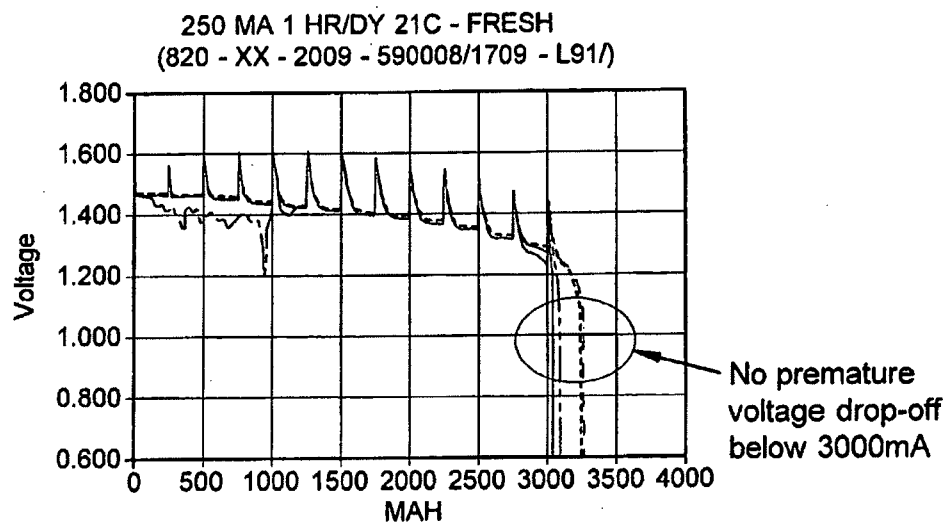


FIGURE 6

**FIGURE 7A****FIGURE 7B**

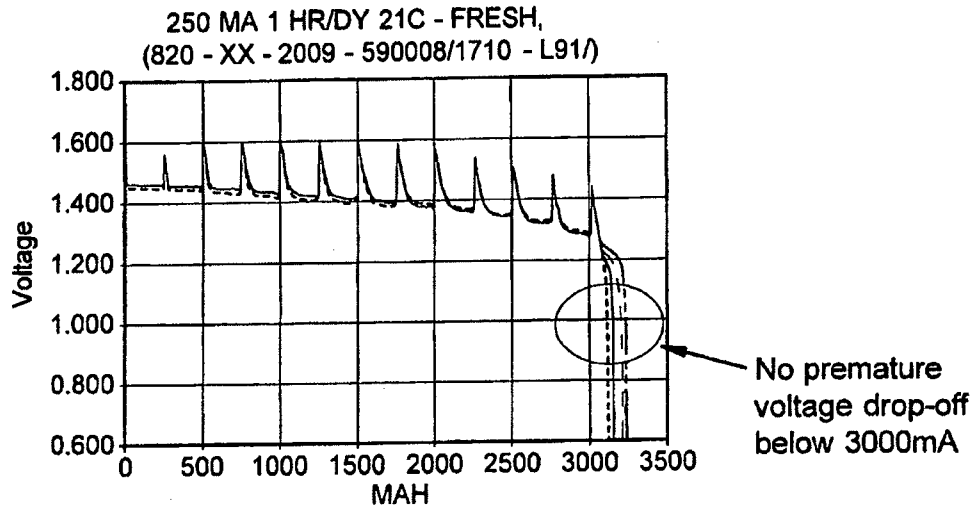


FIGURE 8A

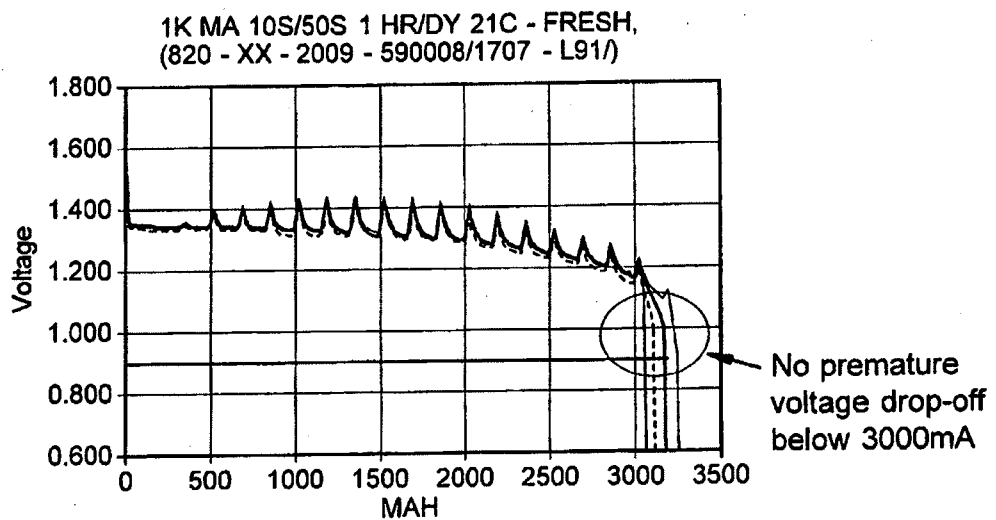
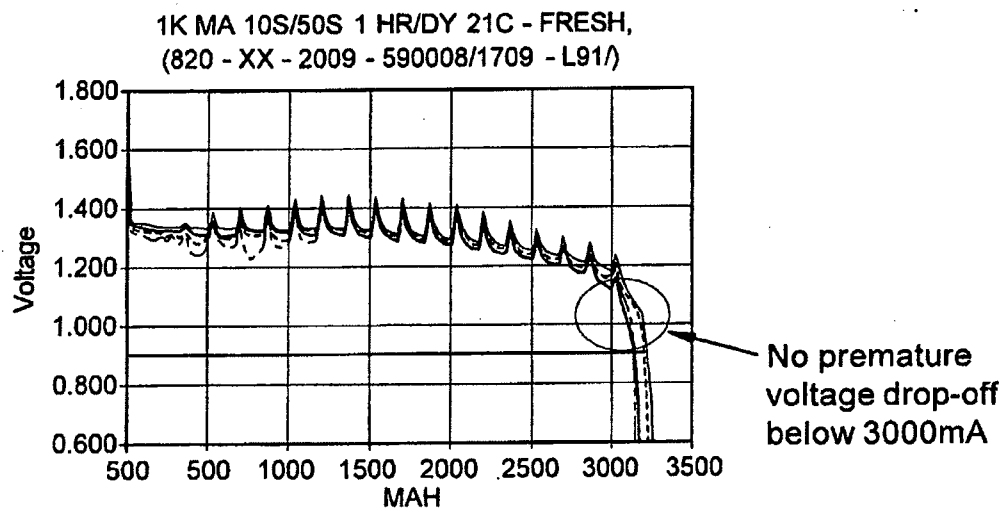


FIGURE 8B



*Intermittent test 1000mA 10/60s 1hpd
(Construction II: 0.930g Li, lot 1709)*

FIGURE 9

Figure #	Construction*	Test	Cutoff Voltage (V)	Total lithium capacity prior to predischage(mAh)	Actual discharge capacity (mAh)	Lithium utilization**
Fig 3A	COW	250mA 1hpd	0.9	3865	3000	78%
Fig 3B	AOW	250mA 1hpd	0.9	4019	3159	79%
Fig 4A	COW	1000mA, 10S on/50S off 1hpd	0.9	3776	2517	67%
Fig 4B	AOW	1000mA, 10S on/50S off 1hpd	0.9	3981	3120	78%
Fig 5A	COW	1000mA, 10S on/50S off 1hpd	0.9	N/A	2626	N/A
Fig 5B	COW	250mA 1hpd	0.9	N/A	2822	N/A
Fig 5C	COW	250mA 1hpd	0.9	N/A	2480	N/A
Fig 1	AOW	200mA continuous	1.0	3776	3123	83%
	COW	200mA continuous	1.0	3776	3381	90%
Fig 7A	COW	250mA 1hpd	0.9	3757	3234	86%
Fig 7B	COW	250mA 1hpd	0.9	3591	3177	88%
Fig 8A	COW	250mA 1hpd	0.9	3591	3161	88%
Fig 8B	COW	1000mA, 10S on/50S off 1hpd	0.9	3757	3137	84%
Fig 9	COW	1000mA, 10S on/50S off 1hpd	0.9	3591	3187	89%

*AOW = anode outer wrap; COW = cathode outer wrap

**Lithium utilization is measured based upon the total lithium input into the cell, irrespective of interfacial alignment.

FIGURE 10