FIG. 8

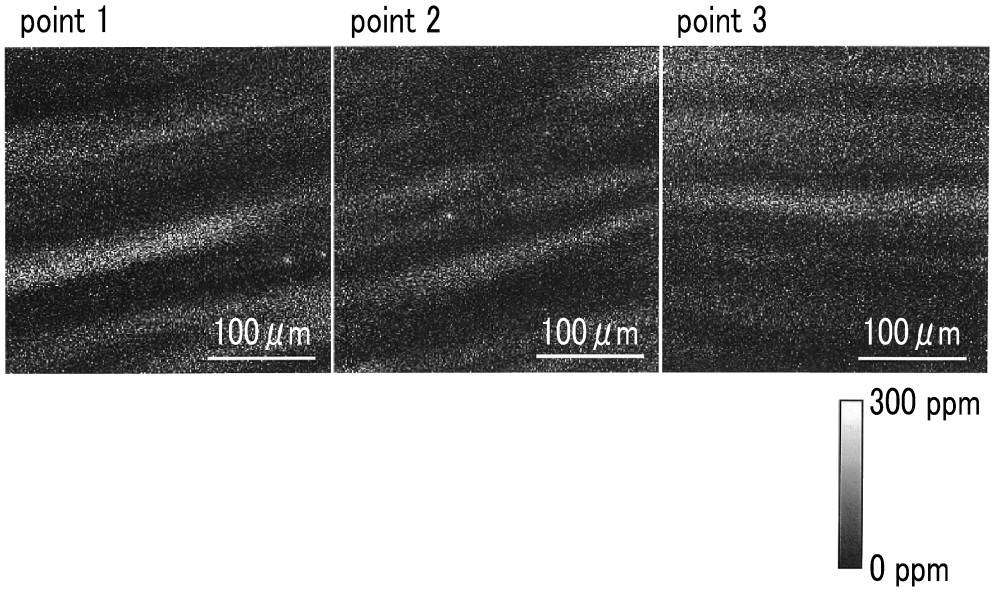


FIG. 9

		TYPICAL CRUCIBLE	CRUCIBLE WITH OUTER SURFACE CRYSTALLIZED (TYPICAL HIGH ALUMINUM CONTAINING LAYER)	CRUCIBLE WITH OUTER SURFACE CRYSTALLIZED (HIGH ALUMINUM CONTAINING LAYER SUBJECTED TO DEGASSING TREATMENT)
CROSS-SECTIONAL VIEW (OUTER SURFACE SIDE)		NATURAL LAYER OUTER SURFACE	NATURAL LAYER HIGH ALUMINUM CONTAINING LAYER OUTER SURFACE	NATURAL LAYER HIGH ALUMINUM CONTAINING LAYER OUTER SURFACE
CARBON CONCENTRATION (ppm)	NATURAL LAYER	4.2	4.2	4.2
	HIGH ALUMINUM CONTAINING LAYER	-	6.8 →	4.9
SULFUR CONCENTRATION (ppm)	NATURAL LAYER	4.7	4.7	4.7
	HIGH ALUMINUM CONTAINING LAYER	-	8.2 →	3.2
BUBBLE CONTENT (%)	NATURAL LAYER	2.5	2.5	2.5
	HIGH ALUMINUM CONTAINING LAYER	-	2.7 →	2.1