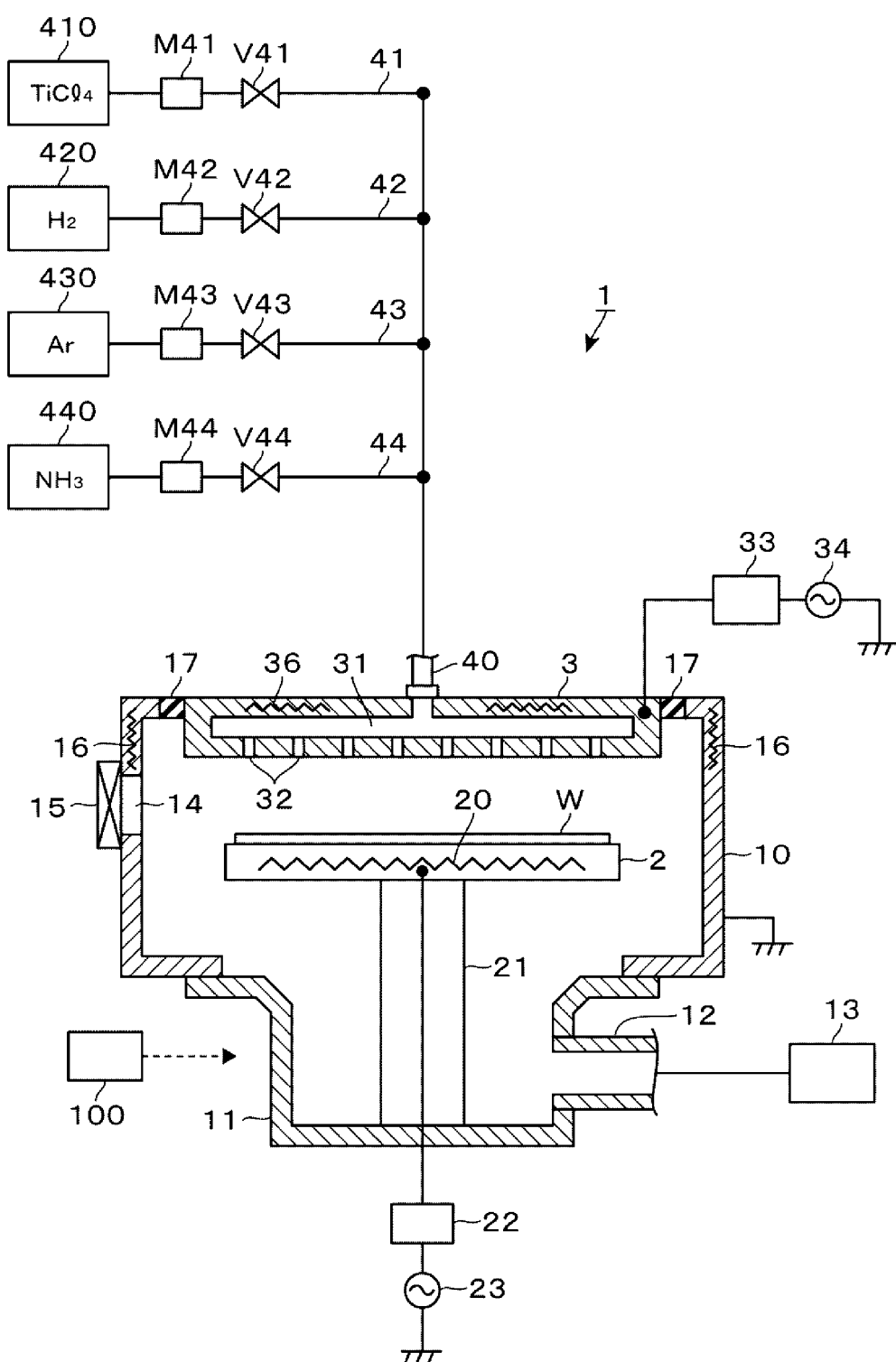
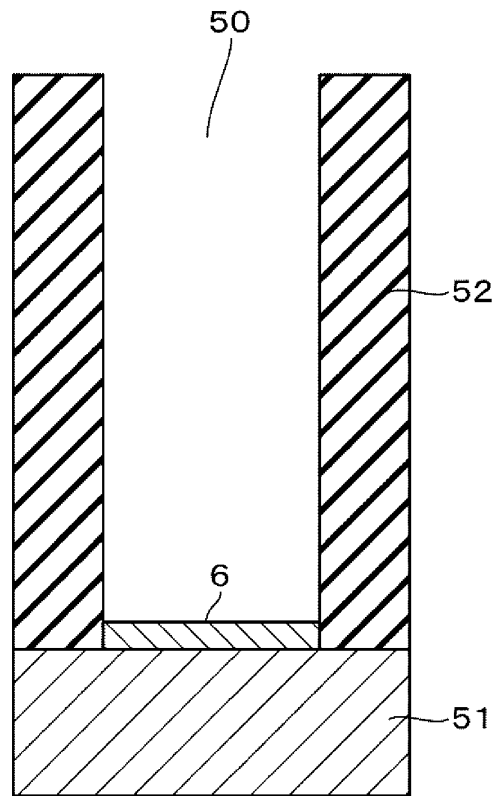


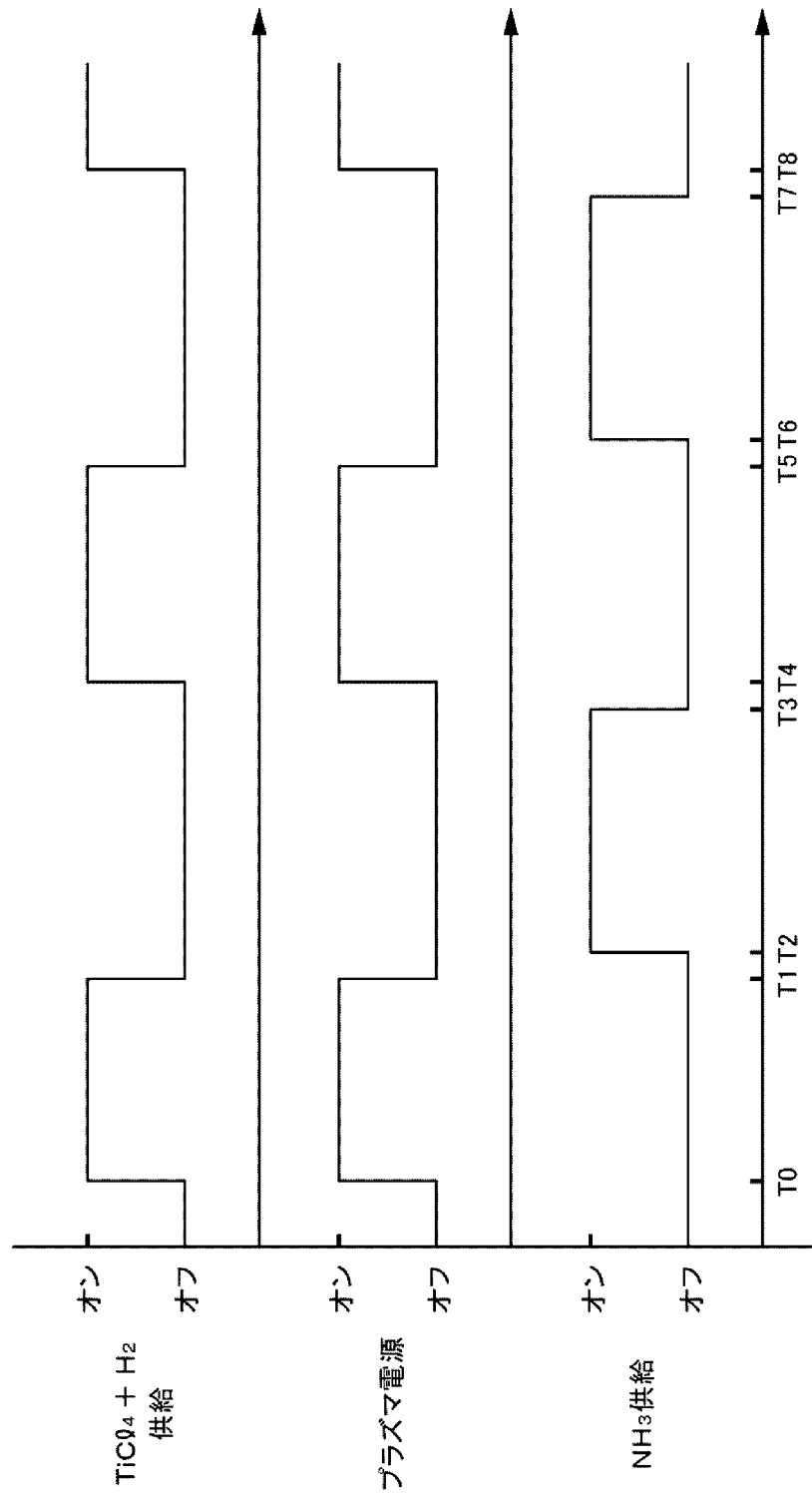
[図1]



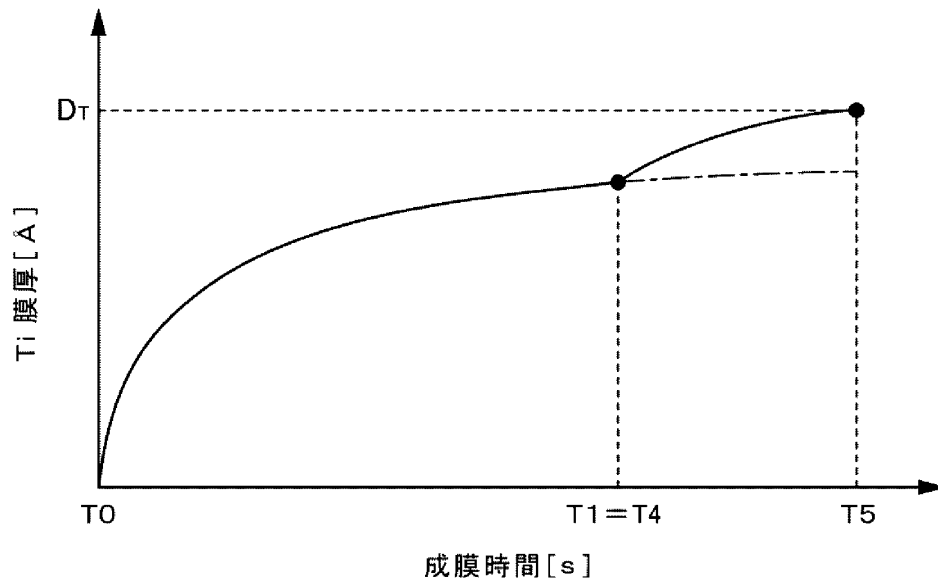
[図2]



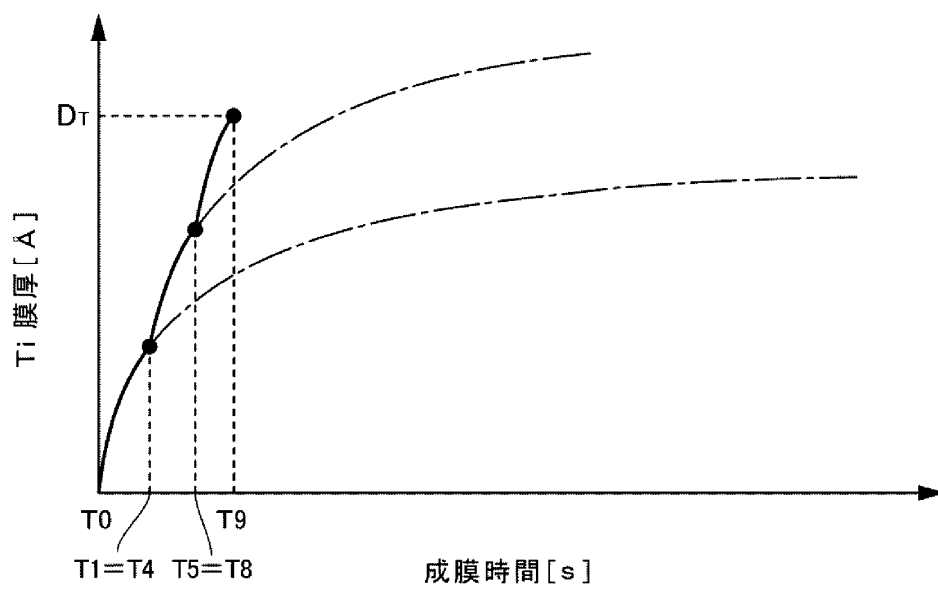
[図3]



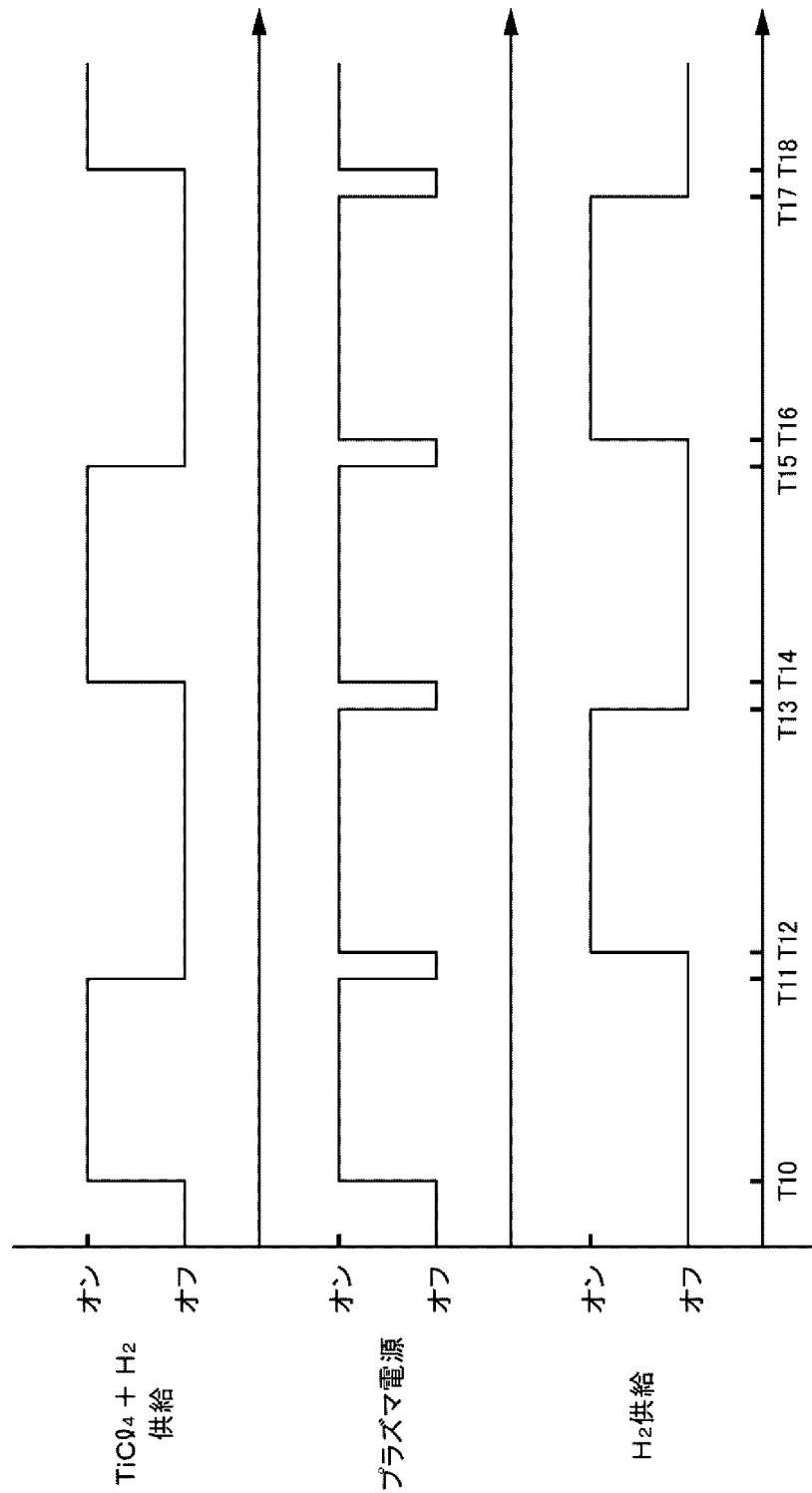
[図4A]



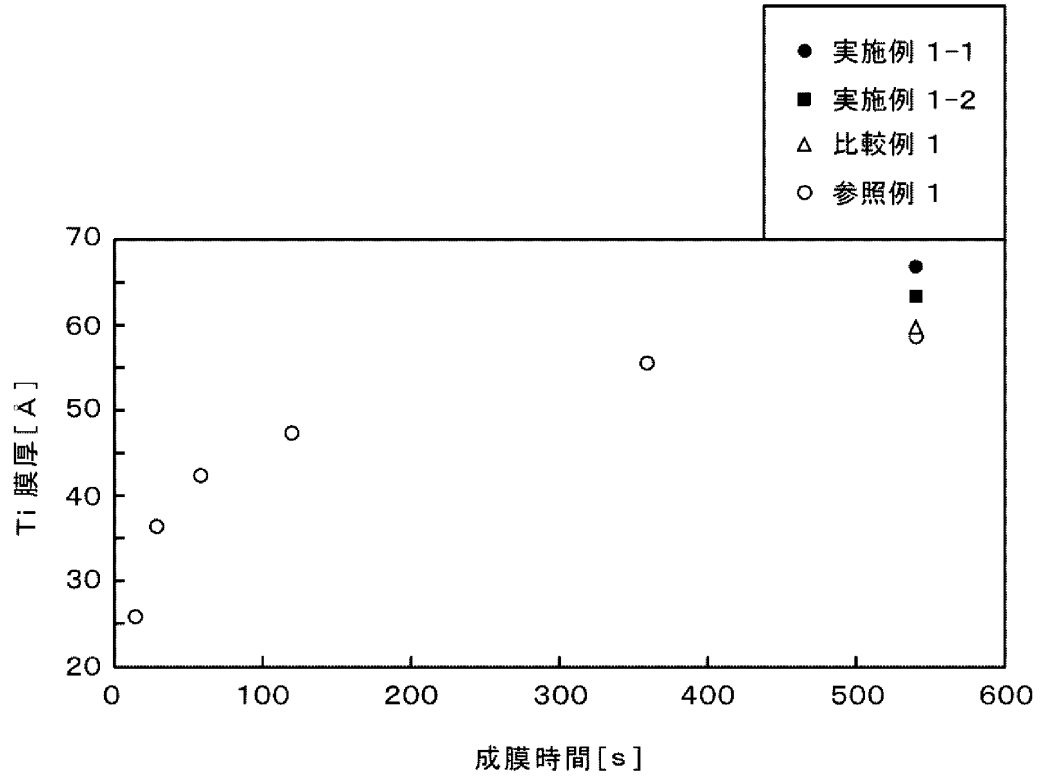
[図4B]



[図5]



[図6]



[図7]

	膜厚 [Å]
参照例 2	58
比較例 2	69
実施例 2-1	74

[図8]

実施例	サイクル数	膜厚[Å]
3-1	2	60
3-2	4	73
3-3	8	83
3-4	8	109