

FIGURE 1A

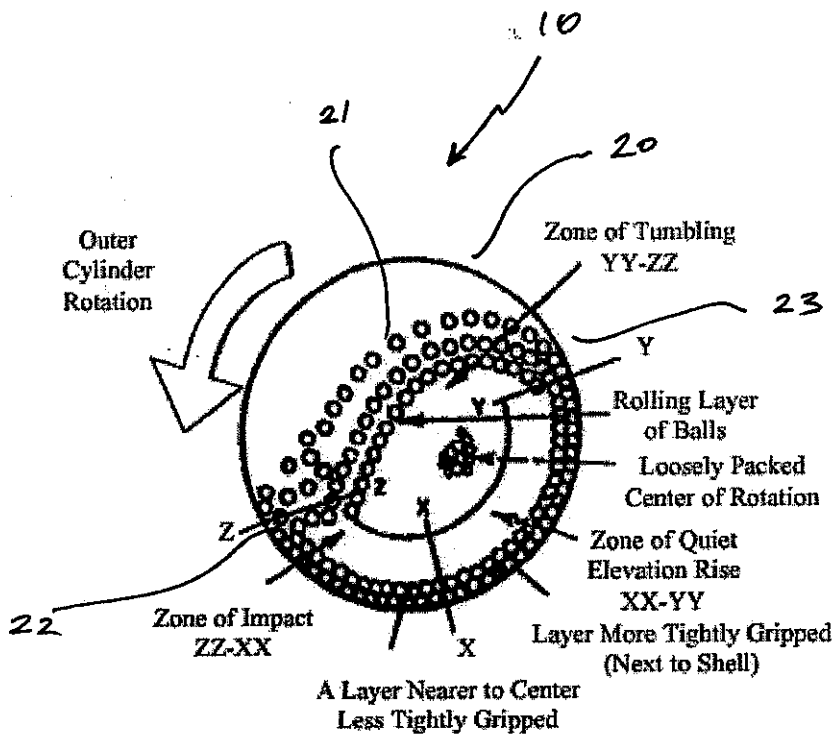
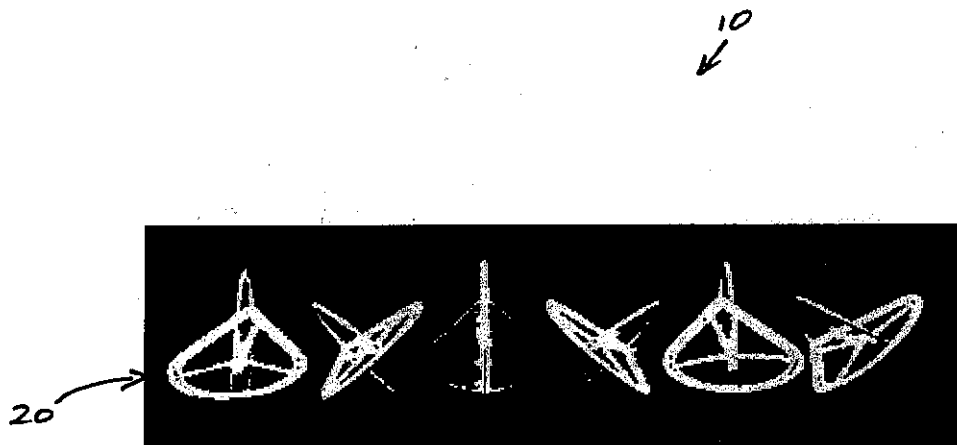


FIGURE 1B



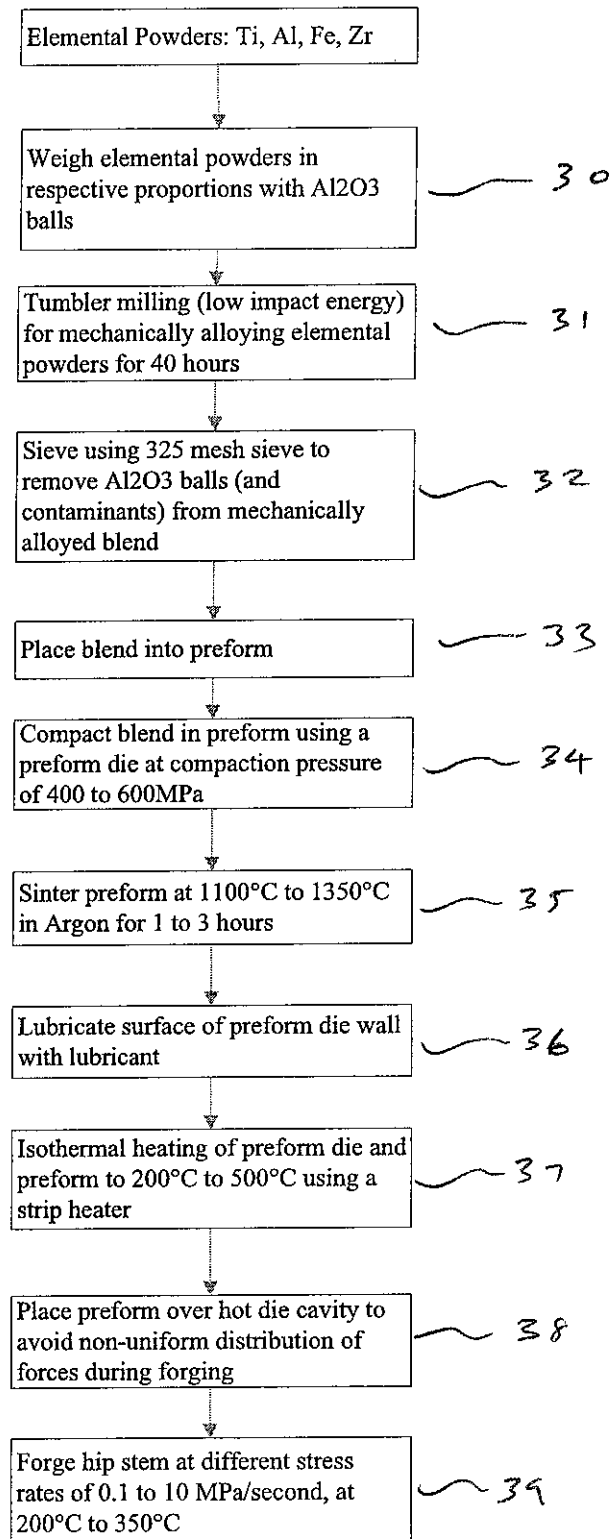
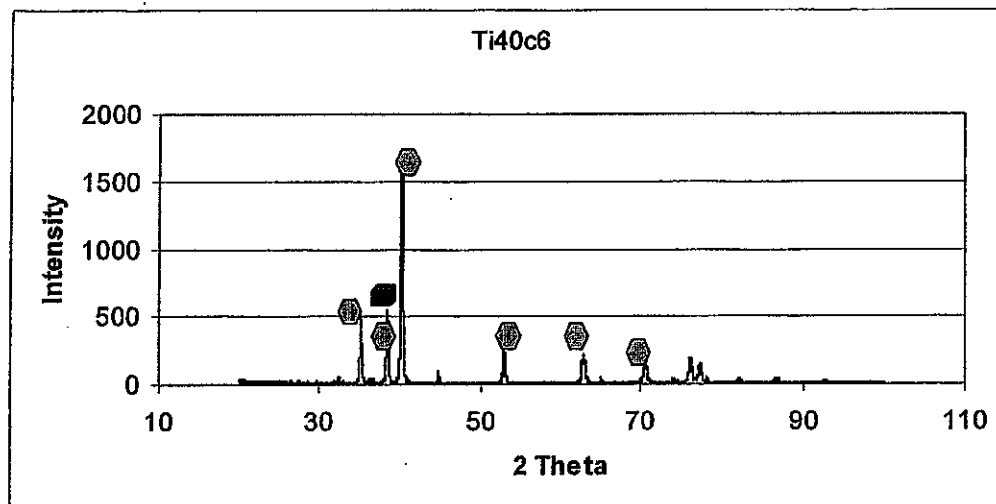
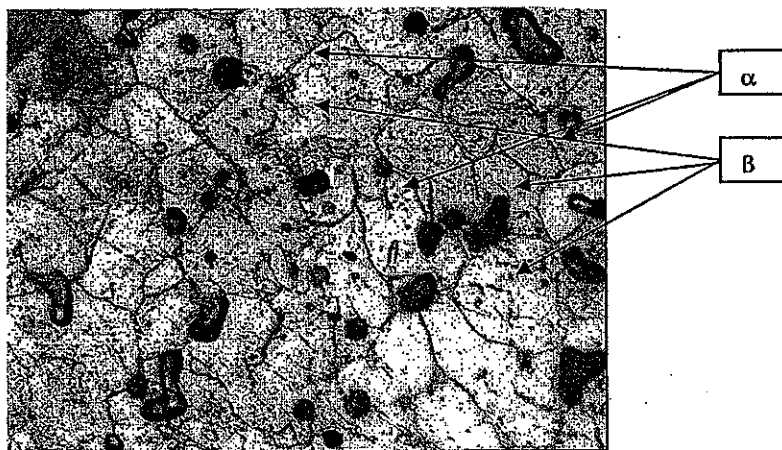
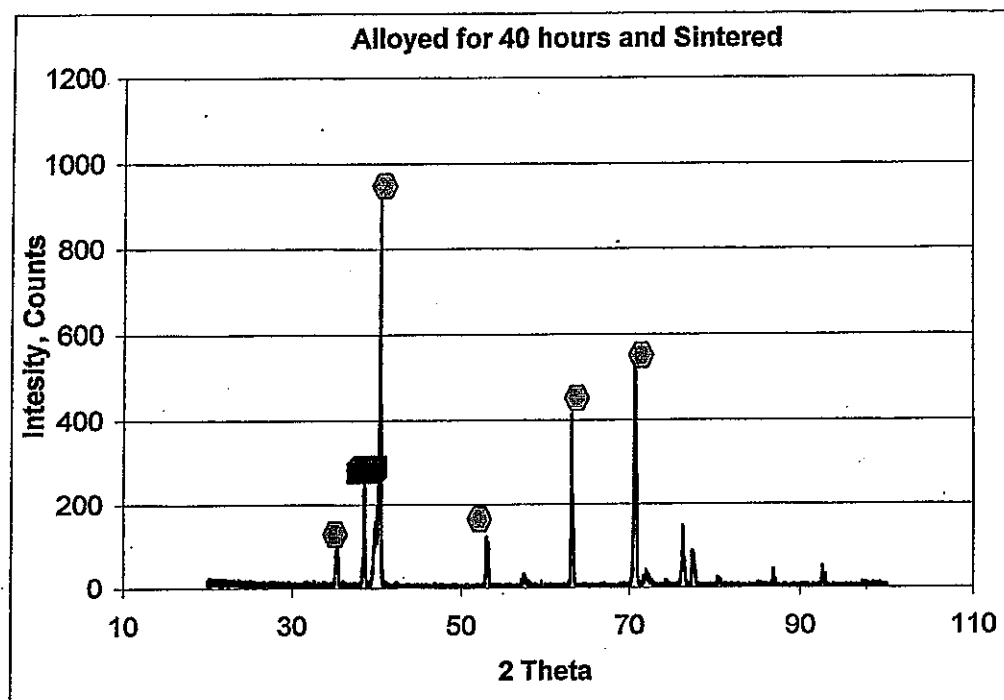


Table 1. Compositions used and their respective weight percentage of alloying additions

Composition No.	Titanium	Aluminum	Iron	Zirconium
1.	96	2	1	1
2	95	2	1	2
3	94	2	1	3
4	93	2	1	4
5	92	2	1	5
6	95	3	1	1
7	94	3	1	2
8	93	3	1	3
9	92	3	1	4
10	91	3	1	5
11	94	3	2	1
12	93.5	3	2.5	1
13	93	3	3	1



XRD spectrum of the mechanically alloyed powder of composition 6



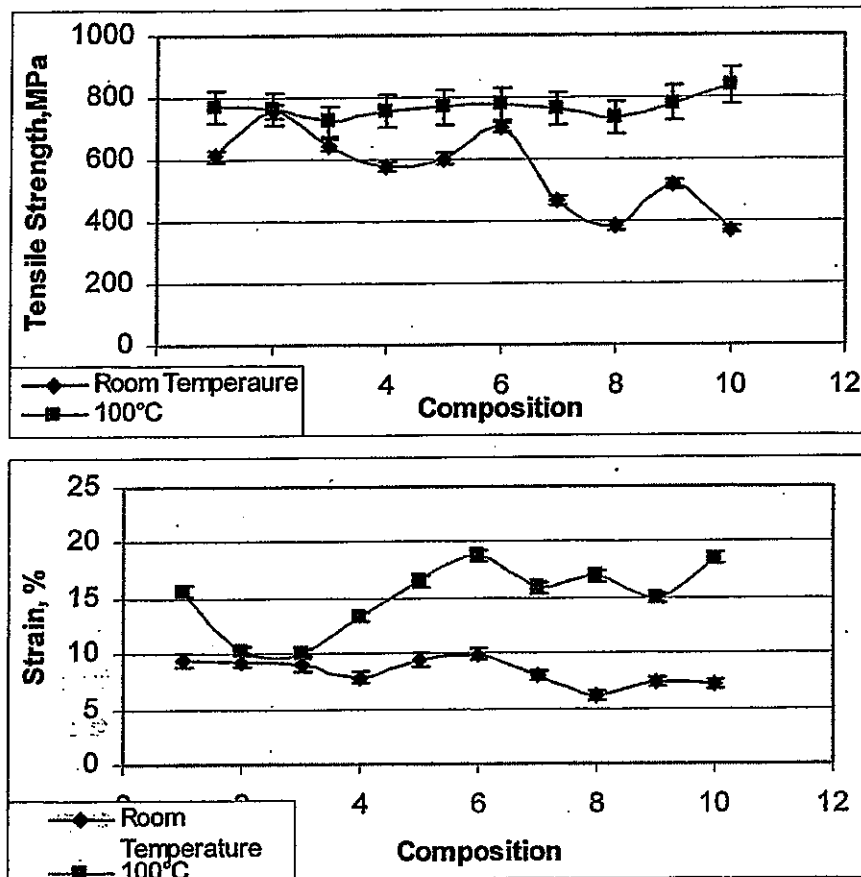


FIGURE 6

