

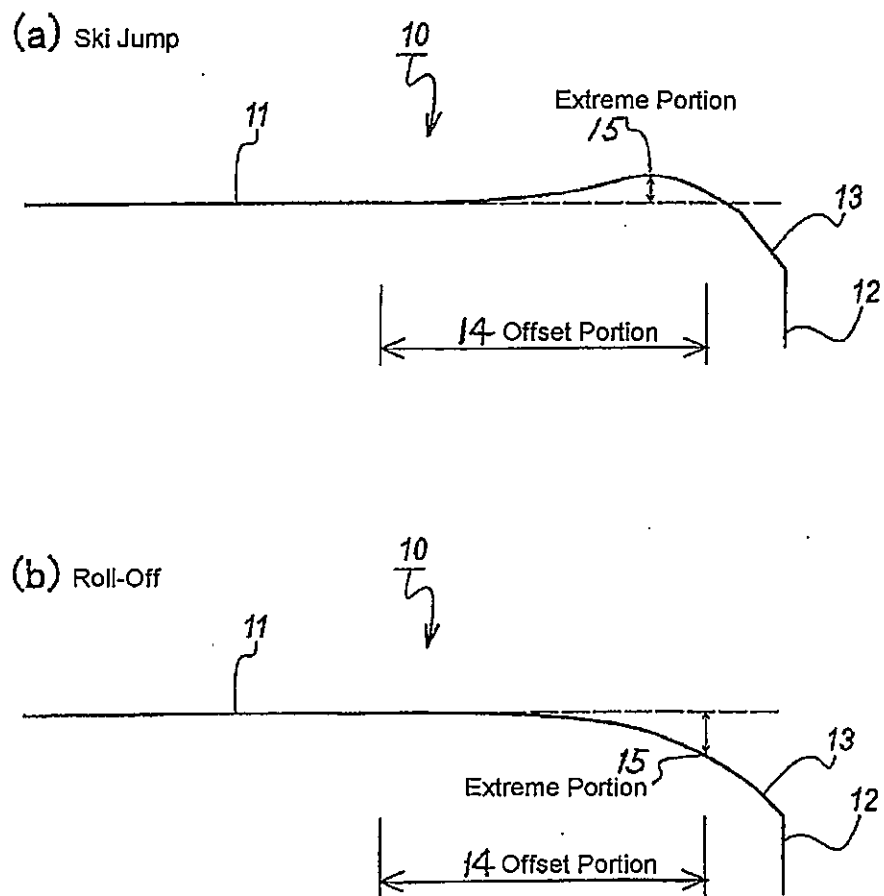


FIG. 1

Maximum Offset Value from
Straight Line connecting Two Points

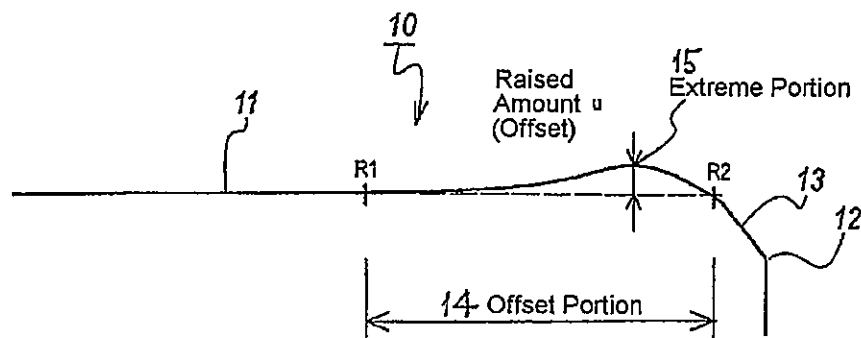
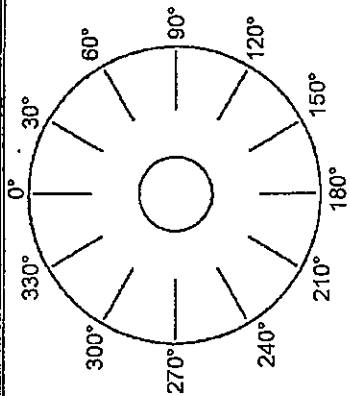


FIG. 2

	Measurement Angle	Maximum Offset Value	Maximum-Minimum
Example 1	0	8.57	2.86
	30	8.52	
	60	7.50	
	90	6.86	
	120	6.75	
	150	7.05	
	180	8.60	
	210	7.57	
	240	8.47	
	270	9.41	
Comparative Example 1	300	9.61	16.10
	330	9.43	
	0	19.94	
	30	17.99	
	60	18.42	
	90	16.60	
	120	17.62	
	150	21.34	
	180	22.96	
	210	27.67	
	240	32.42	
	270	32.52	
	300	25.13	
	330	16.42	



Maximum Offset Value between Two Arbitrary Points

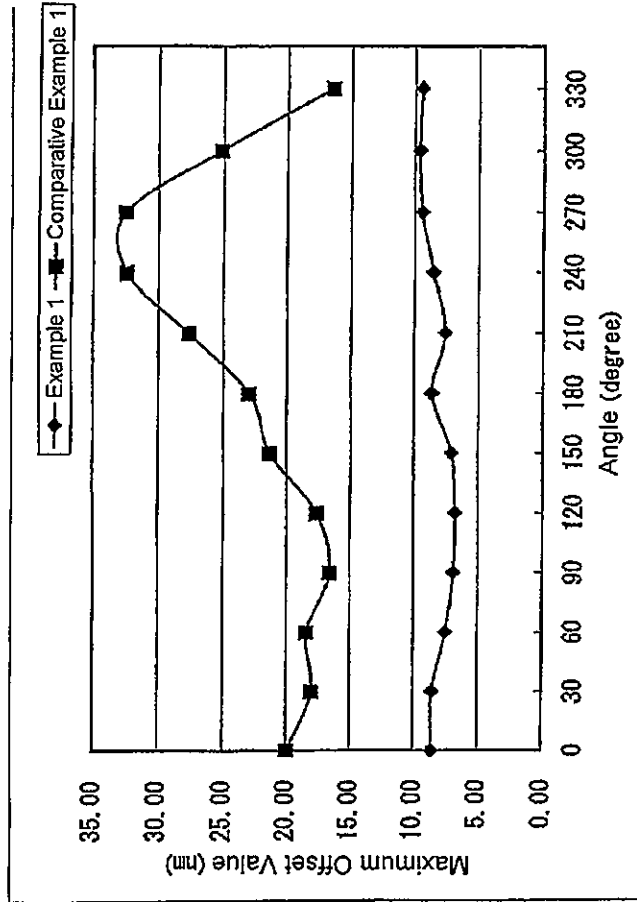


FIG. 3

Radial Position of Vertex Portion 15 of Ski Jump

Angle	Radial Position
0	30.7
30	30.8
60	30.7
90	30.8
120	30.8
150	30.8
180	30.5
210	30.5
240	30.4
270	30.5
300	30.5
330	30.5
Maximum 30.80 Minimum 30.40 Average 30.62 Standard Deviation 0.14 Relative Mean Deviation 0.005 Circularity 0.40 Concentricity 1.07	

Angle	Radial Position
0	31.6
30	30.9
60	31.2
90	32.0
120	30.6
150	30.3
180	30.0
210	29.4
240	29.7
270	30.0
300	30.8
330	31.2
Maximum 32.00 Minimum 29.40 Average 30.64 Standard Deviation 0.79 Relative Mean Deviation 0.026 Circularity 2.60 Concentricity 5.68	

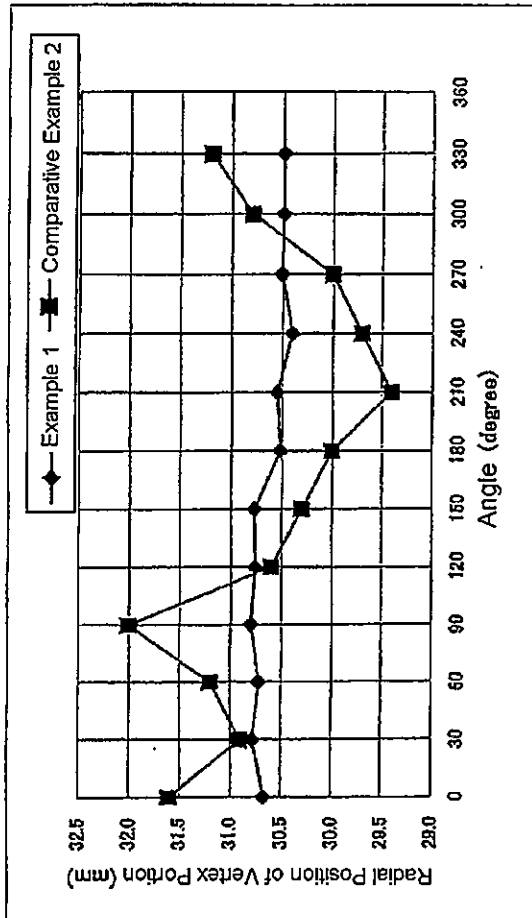
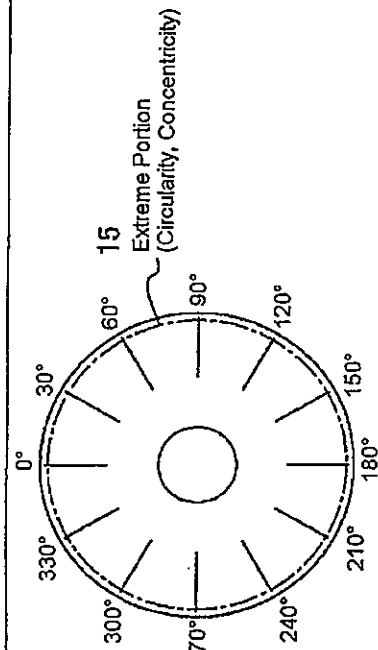


FIG. 4

Maximum Offset Values in Examples
and Comparative Examples

Measurement Angle	Example 1	Compara- tive Example 1	Example 2	Compara- tive Example 3
0	8.57	19.94	18.05	10.23
30	8.52	17.99	18.52	13.52
60	7.50	18.42	18.32	18.23
90	6.86	16.60	17.86	22.64
120	6.75	17.62	17.52	22.73
150	7.05	21.34	16.85	20.52
180	8.60	22.96	17.36	15.71
210	7.57	27.67	17.84	15.65
240	8.47	32.42	18.21	20.45
270	9.41	32.52	18.80	18.27
300	9.61	25.13	18.41	14.92
330	9.43	16.42	18.22	12.58
Maximum-Minimum (nm)	2.86	16.10	1.95	12.50

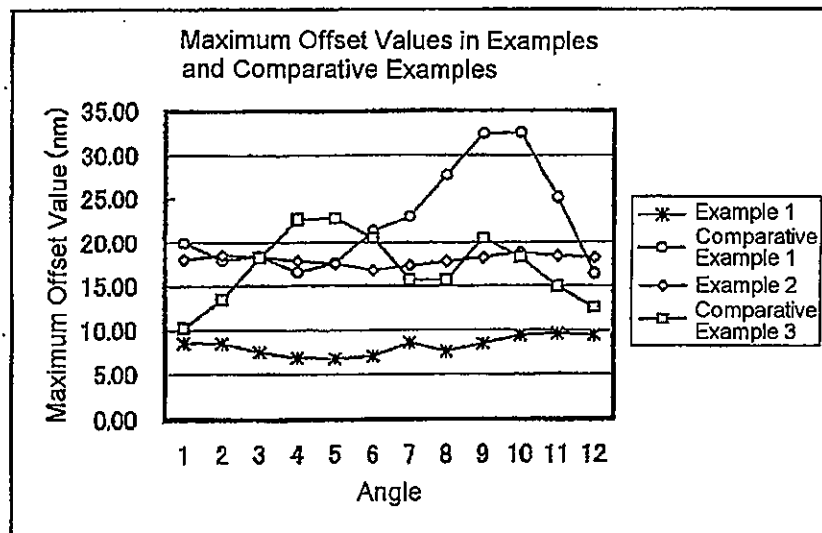


FIG. 5

Radial Position of Vertex Portion 15 of Ski Jump

Angle	Radial Position
0	30.7
30	30.8
60	30.7
90	30.8
120	30.8
150	30.8
180	30.5
210	30.5
240	30.4
270	30.5
300	30.5
330	30.5
Example 3	Maximum 30.80 Minimum 30.40 Average 30.62 Standard Deviation 0.14 Relative Mean Deviation 0.005 Circularity 0.40 Concentricity 1.07
Angle	Radial Position
0	31.6
30	30.9
60	31.2
90	32.0
120	30.6
150	30.3
180	30.0
210	29.4
240	29.7
270	30.0
300	30.8
330	31.2
Comparative Example 4	Maximum 32.00 Minimum 29.40 Average 30.64 Standard Deviation 0.79 Relative Mean Deviation 0.026 Circularity 2.60 Concentricity 5.68

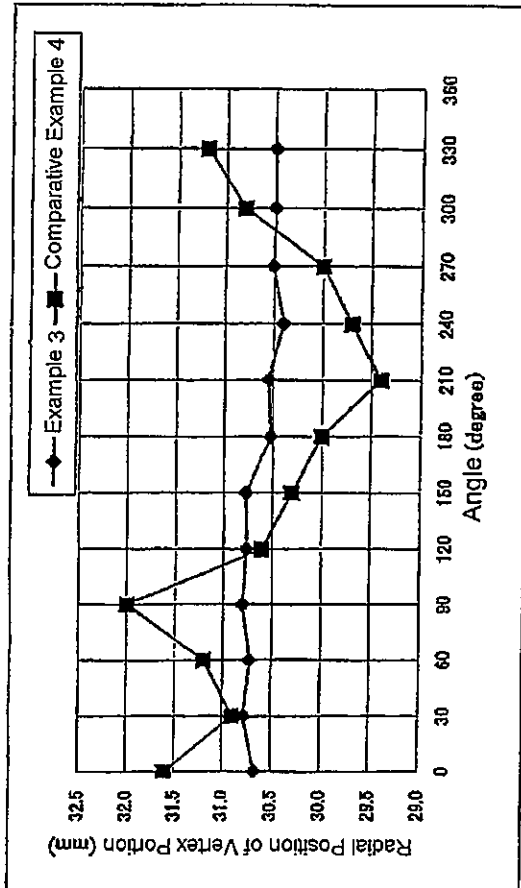
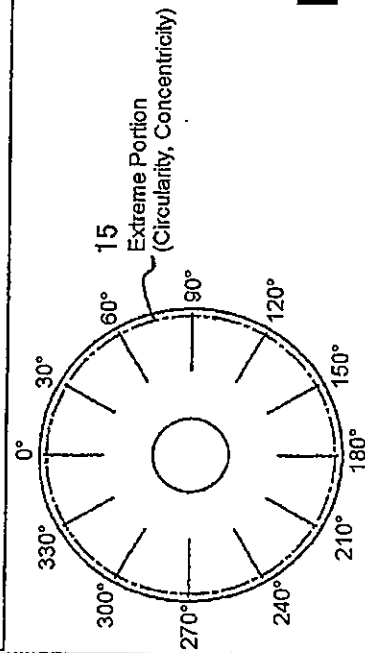


FIG. 6

	Measure- ment Angle	Maximum Offset Value	Maximum- Minimum
Example 3	0	8.57	2.86
	30	8.52	
	60	7.50	
	90	6.86	
	120	6.75	
	150	7.05	
	180	8.60	
	210	7.57	
	240	8.47	
	270	9.41	
Comparative Example 5	300	9.61	16.10
	330	9.43	
	0	19.94	
	30	17.99	
	60	18.42	
	90	16.60	
	120	17.62	
	150	21.34	
	180	22.96	
	210	27.67	
	240	32.42	
	270	32.52	
	300	26.13	
	330	16.42	

Maximum Offset Value between Two Arbitrary Points

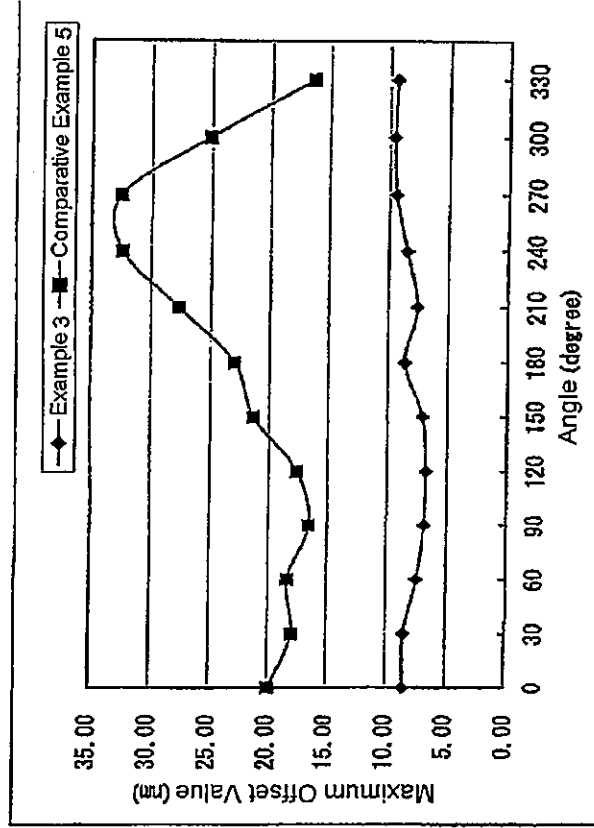
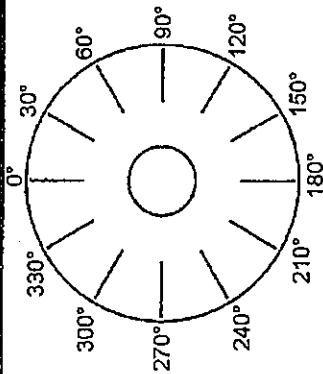


FIG. 7