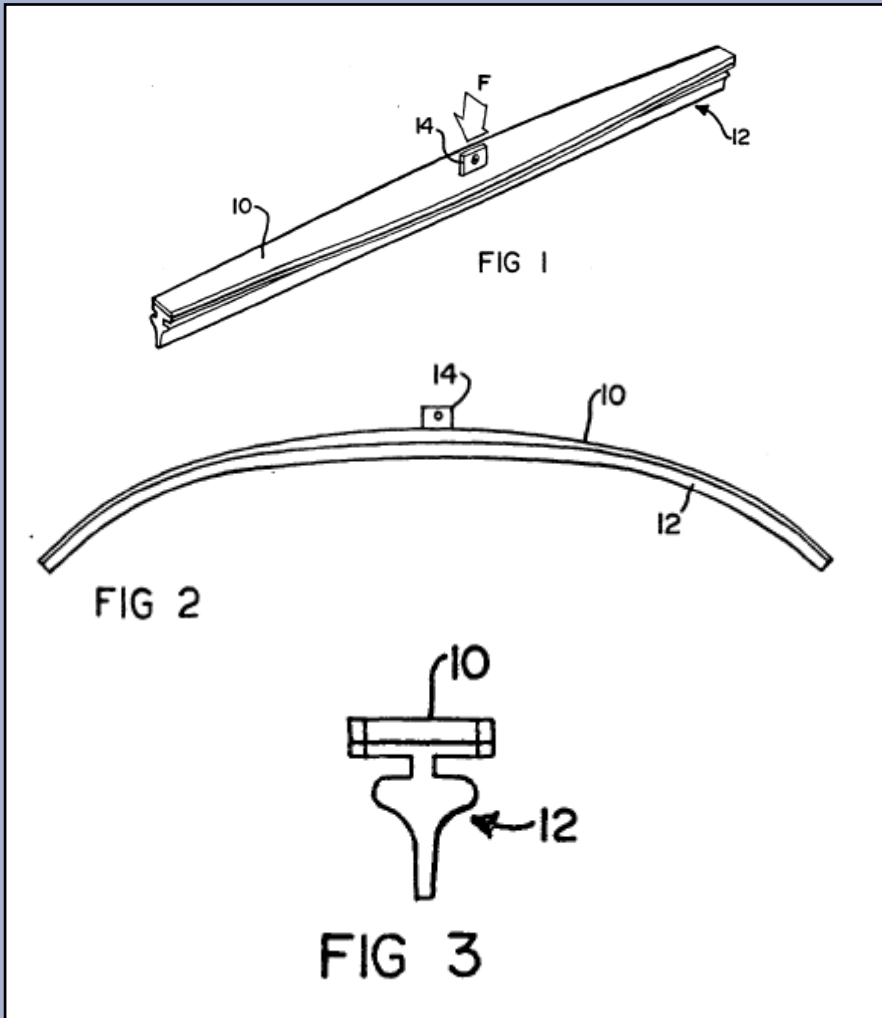


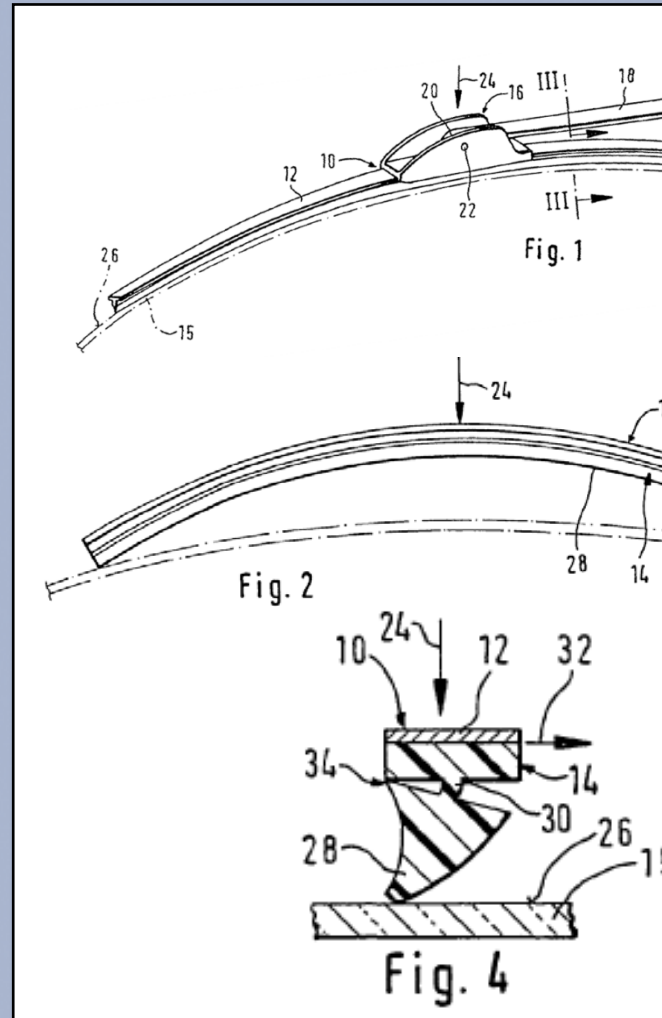
**IPR2016-00034 Oral Argument
U.S. Patent No. 6,973,698**

Prior Art and the '698 Patent

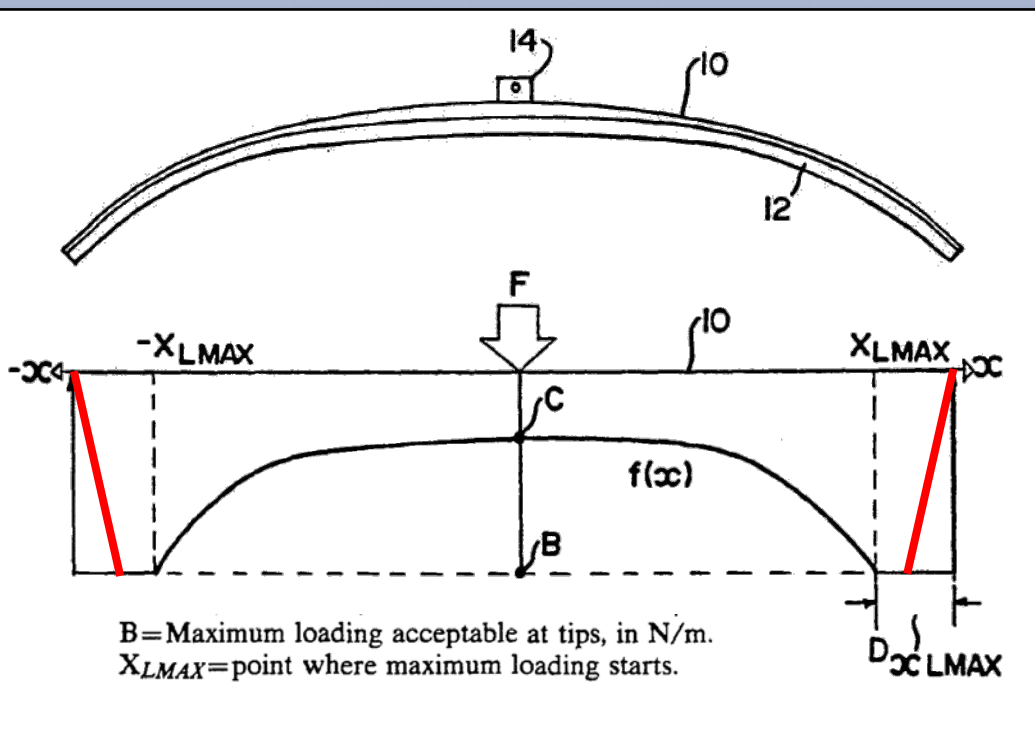
Swanepoel (Ex. 1009), Figs. 1, 2, & 3



'698 Patent (Ex. 1001), Figs. 1, 2, & 4



Swanepoel Teaches a Contact Force Greater in the Center Section Than in the End Sections



The force per unit length and the slope of $M(x)$ may increase progressively to the backbone until a short distance from the backbone may then have two small end where the force per unit length and the second differential are a constant value. Further, the force per unit length may be such that in these small portions the force per unit length and the second differential to the tips of the backbone, or, at tip of the backbone may be such that the force per unit length and the second differential decrease from the zero at the extremities of the backbone.

IPR2016-00034: See Reply (Paper #32), pp. 19–20 (Ex. 1009), 2:8–20)

Further, above, the loading may decrease right up to the tips, though this is not shown in FIG. 4.

IPR2016-00034: See Reply (Paper #32), pp. 19–20 (Ex. 1009), 5:17–18)

Additionally, as indicated above, a constant angle of wipe of the blade 12 may be necessary to shed the distributed load from the tip portions of the wiper.

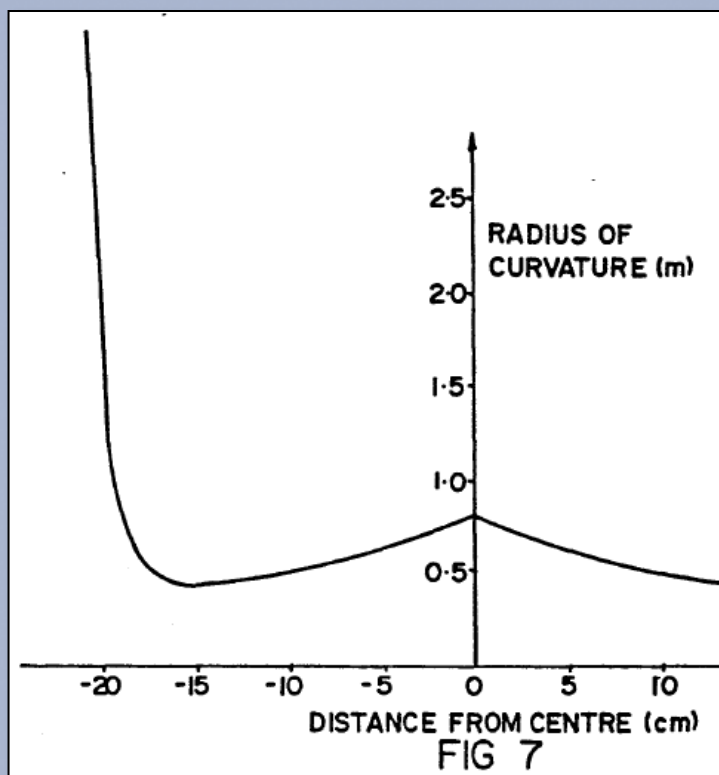
IPR2016-00034: See Reply (Paper #32), pp. 19–20

Swanepoel Teaches That the Concave Curvature in the Center Section of the Backbone Is Sharper Than in Its End S

FIG. 7 shows graphically the variation in the radius of curvature of a further embodiment of a wiper which has a symmetrical backbone with tip portions of constant thickness; and

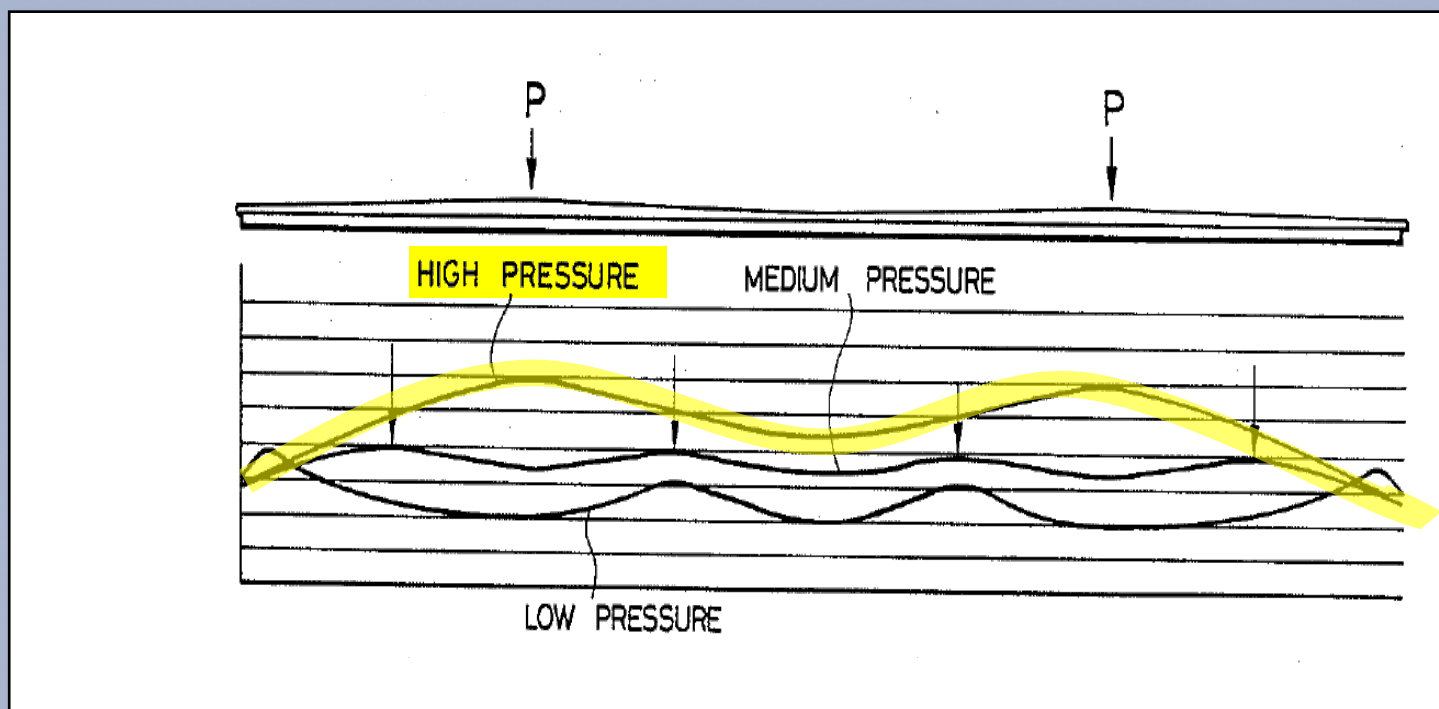
X (cm)	Radius of Curvature (m)
0	0,766
2	0,704
4	0,643
6	0,586
8	0,535
10	0,490
12	0,454
14	0,430
16	0,433
18	0,568
20	2
22	826

The radius of curvature of such a wiper is shown graphically in FIG. 7.



IPR2016-00034: See Petition (Paper #1), p. 46 (citing Swanepoel (Ex. 1009), 4:3-12, 7:20-34, Figs. 5-7

The “High Pressure” Curve in Figure 7 of Arai (Ex. 1004) Shows Contact Pressure That Is Greater in the Center Section Than in the End Sections



IPR2016-00034: Reply (Paper #32), pp. 3–4 (citing Arai (Ex. 1004), Fig. 7)

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