

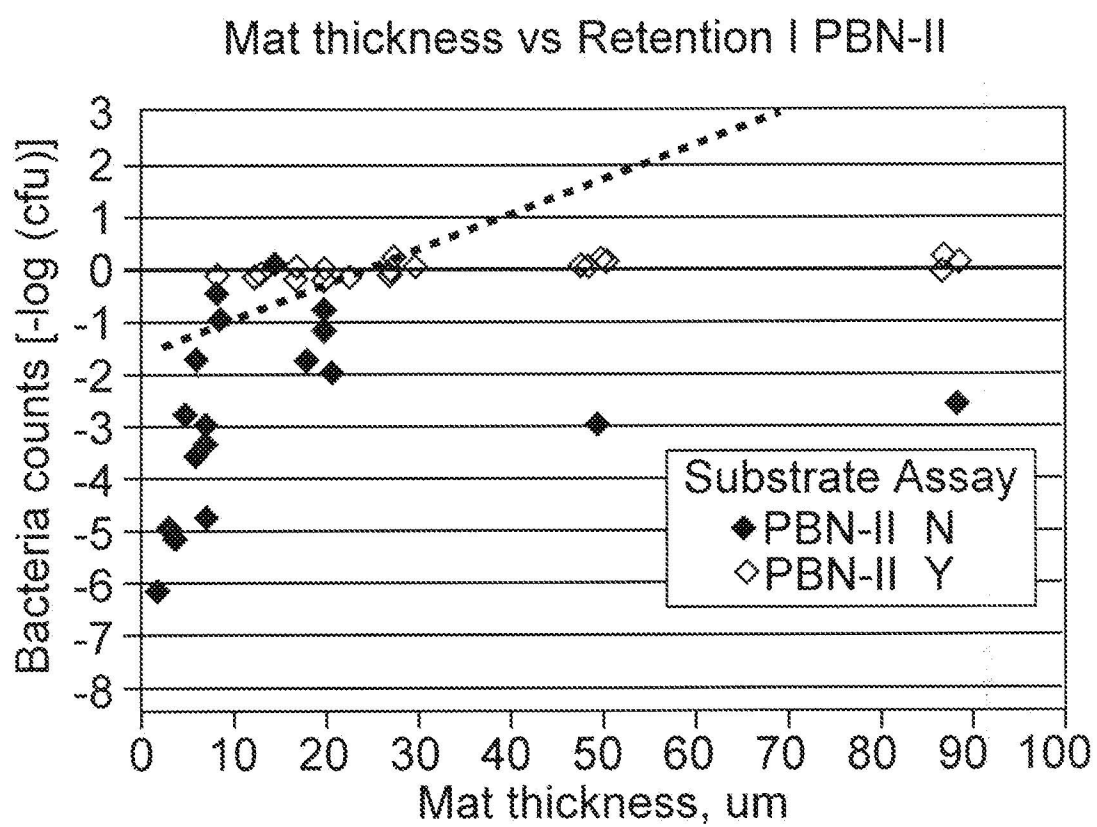


Figure 1

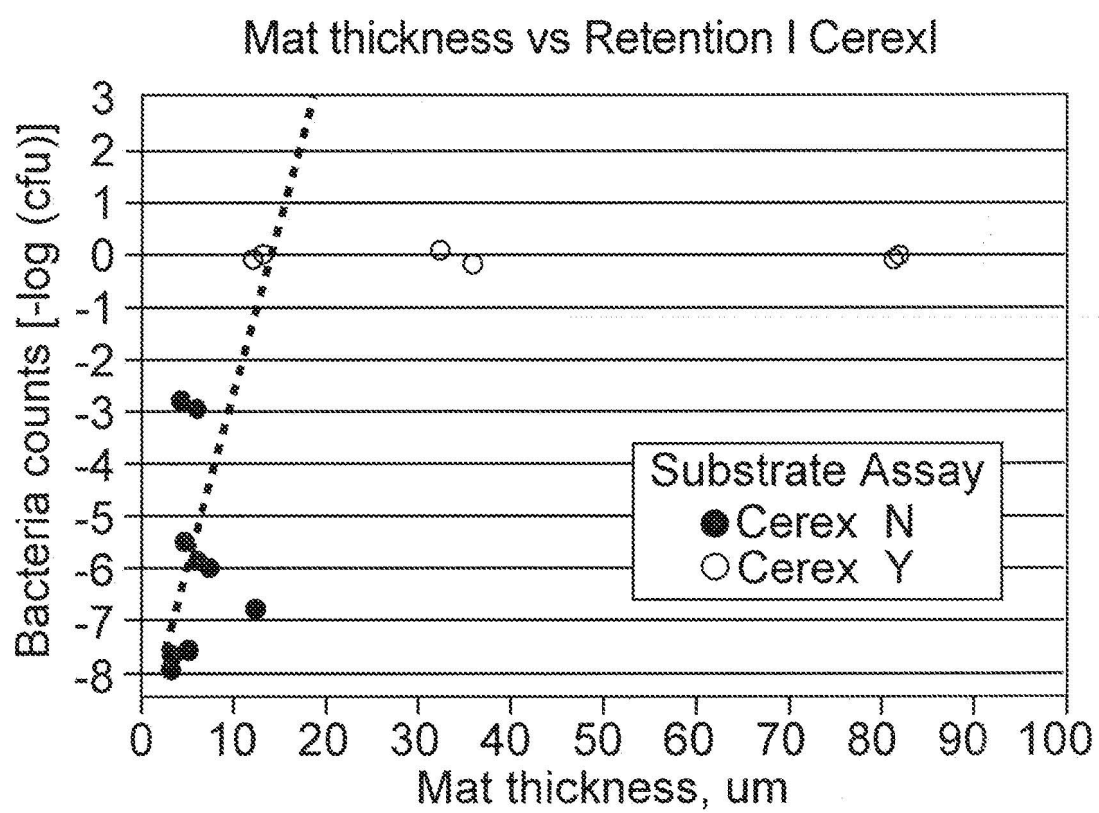


Figure 2

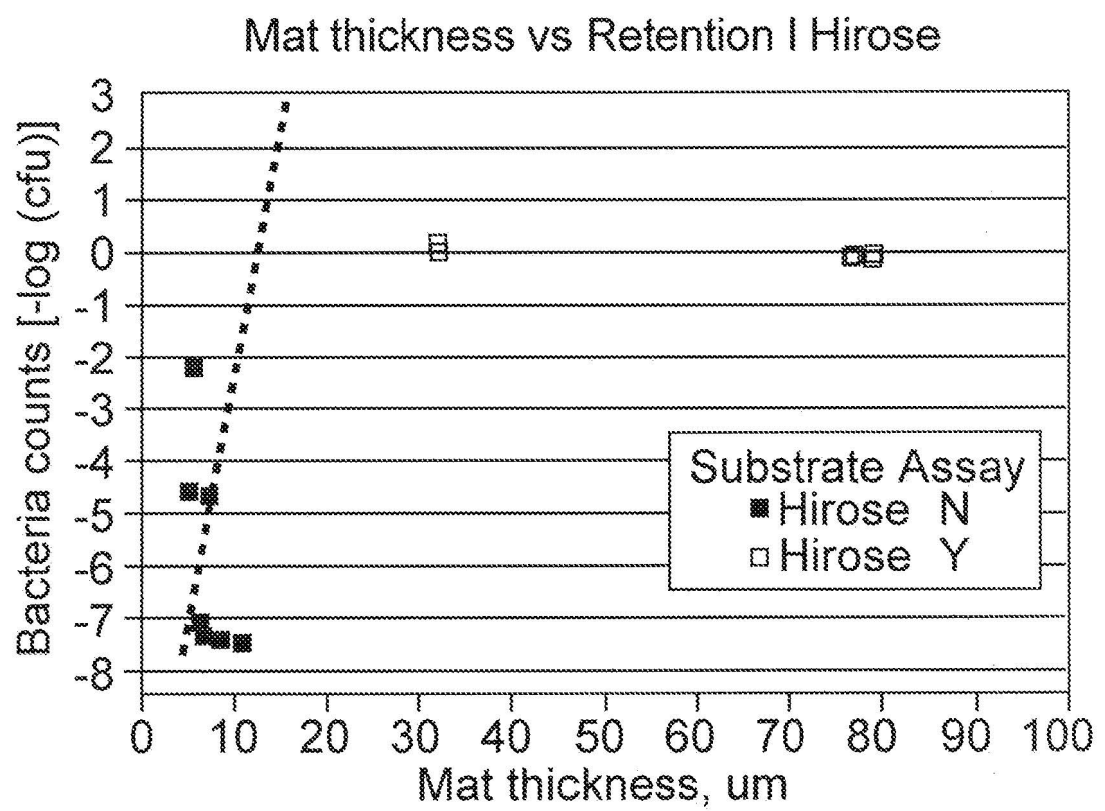


Figure 3

Mat thickness vs Retention | Rough vs smooth substrates

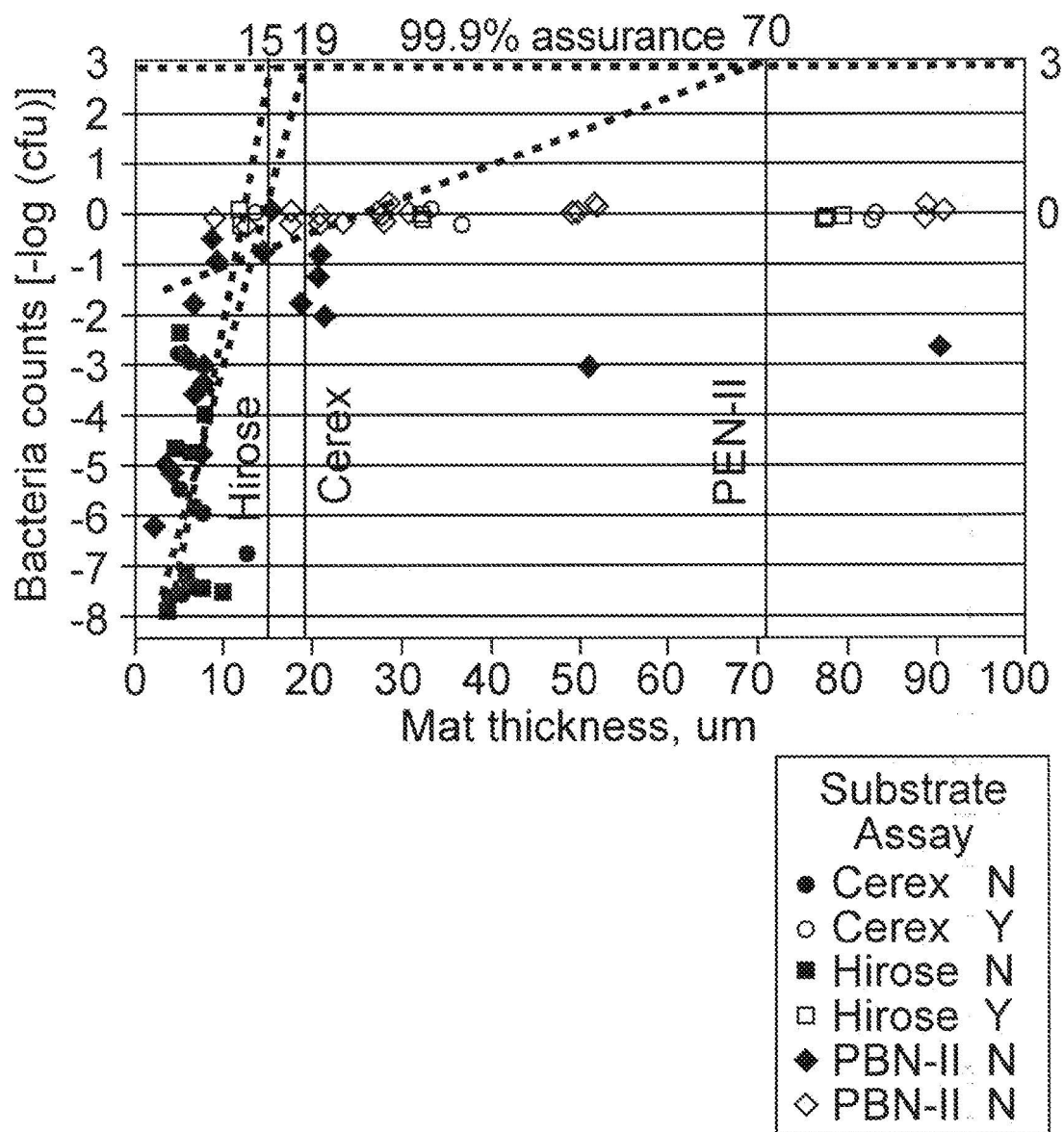


Figure 4

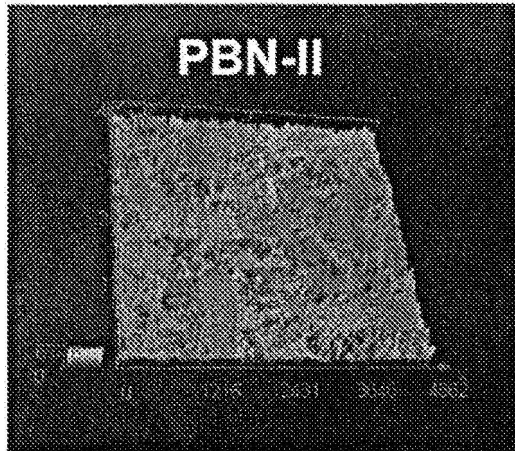


FIGURE 5A

	S_q (μm)	S_p (μm)	S_v (μm)	S_z (μm)	S_s (μm)
PBN-II	70.9	337.7	255.8	593.4	54.3
Cerex	47.0	260.2	221.3	481.5	37.1
Hirose	41.3	181.9	167.4	349.3	32.2

FIGURE 5D

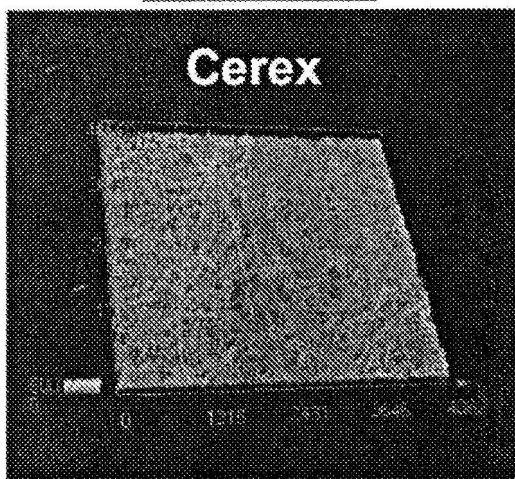


FIGURE 5B

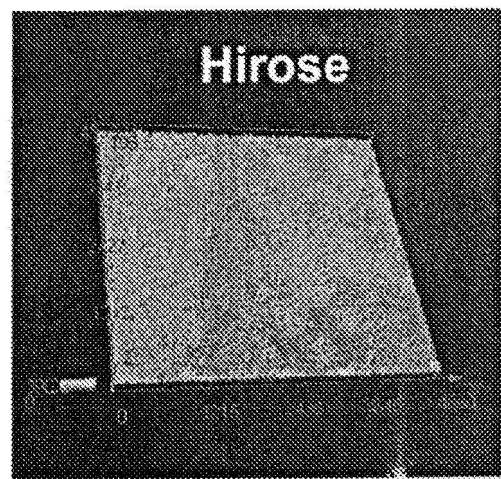


FIGURE 5C

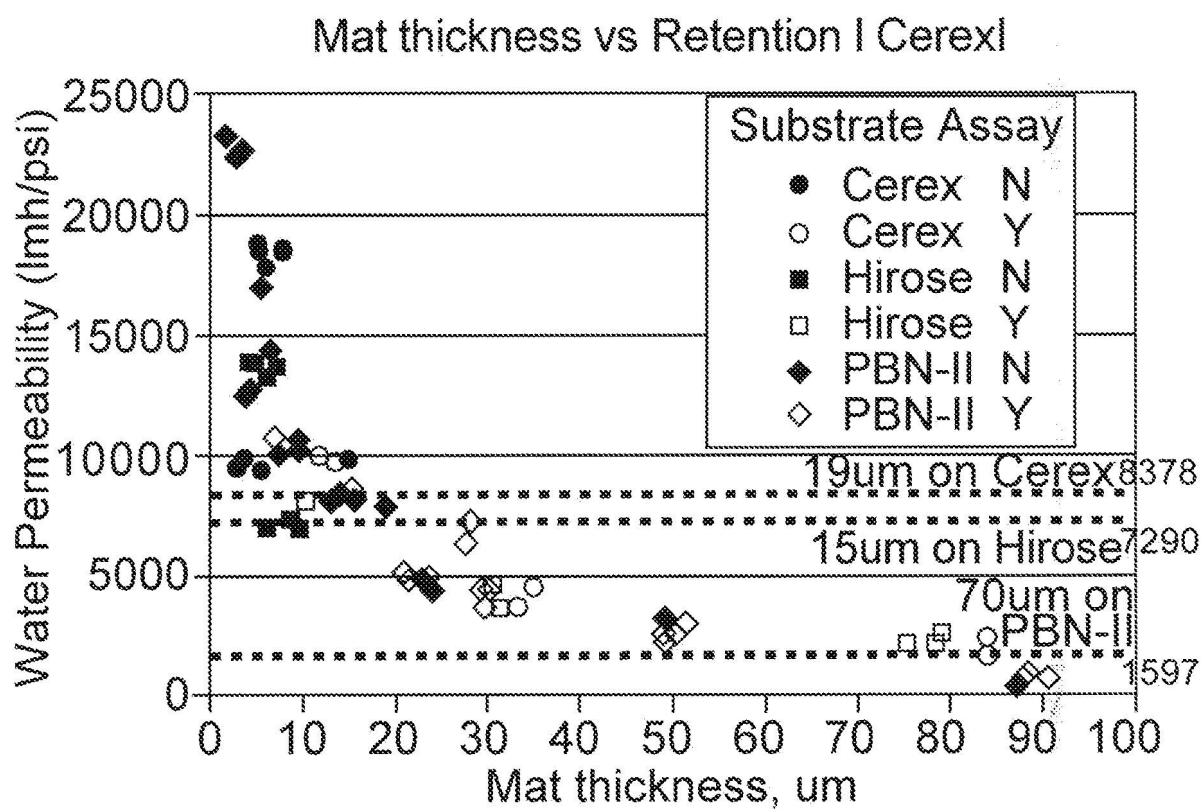


Figure 6

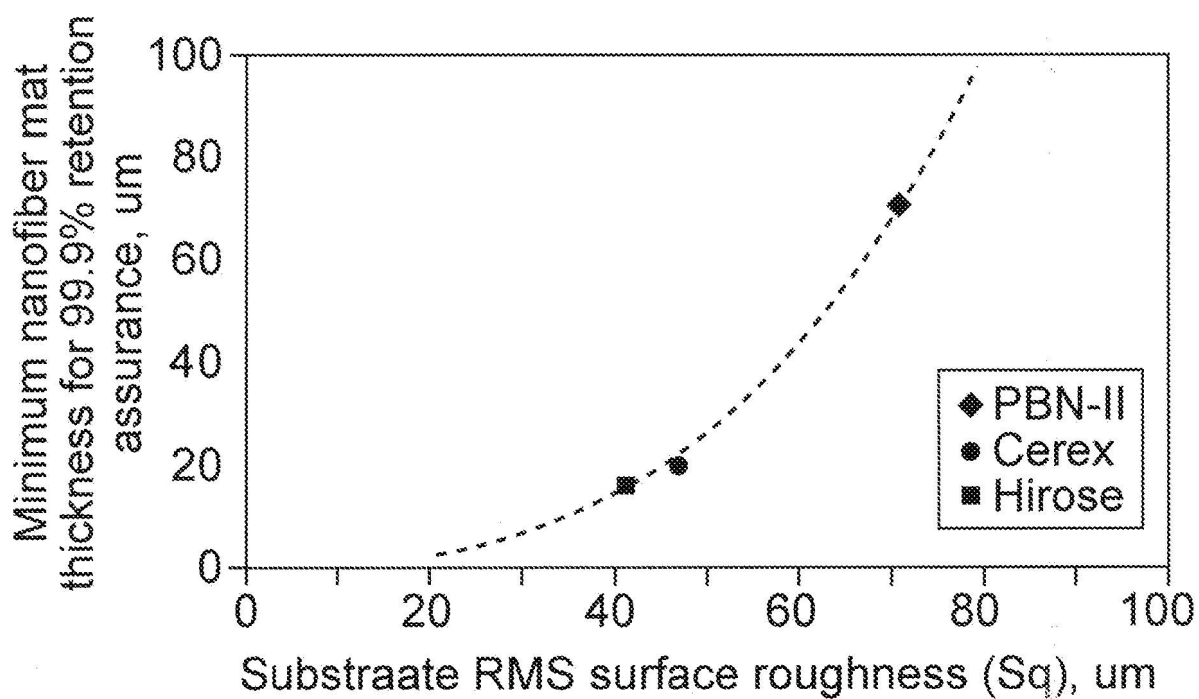


Figure 7

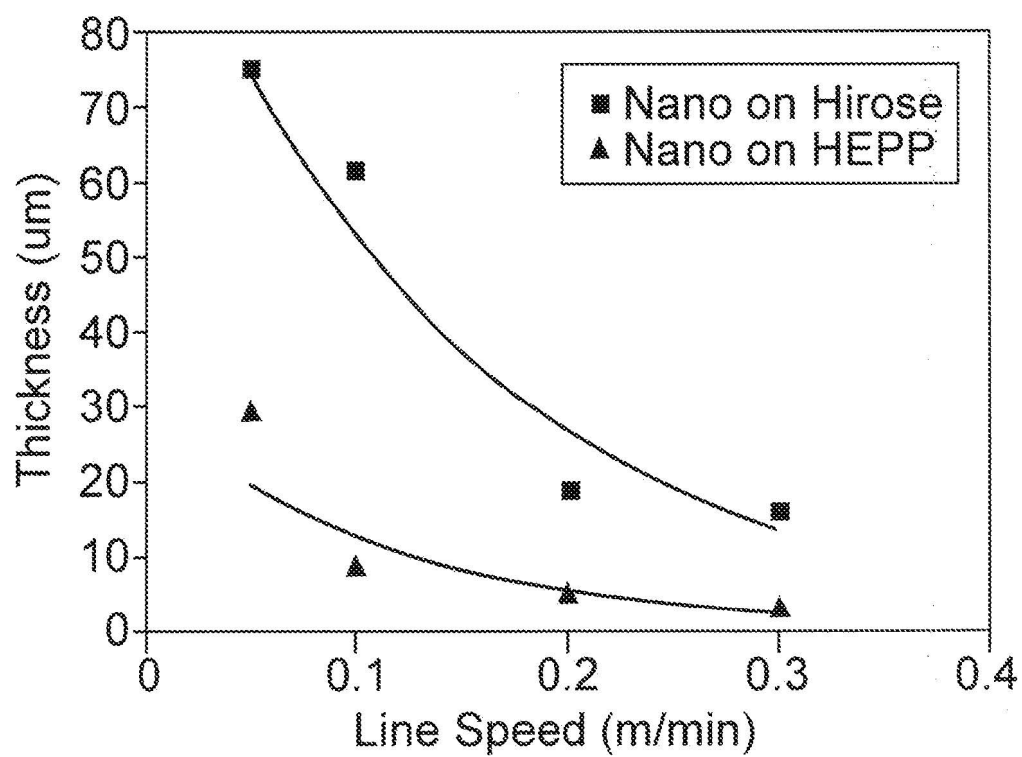


Figure 8