

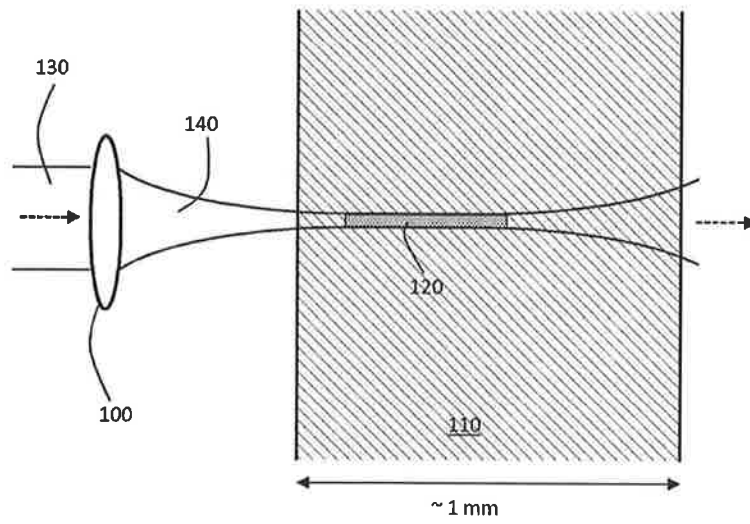


Figure 1(a)

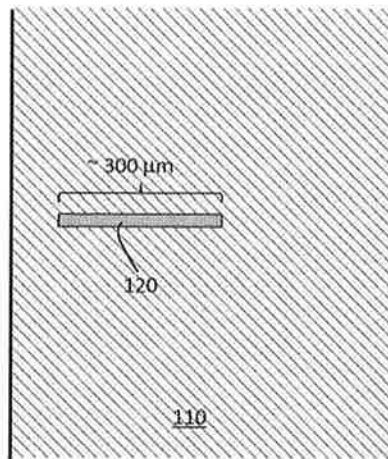


Figure 1(b)

PRIOR ART

Figure 1(c)

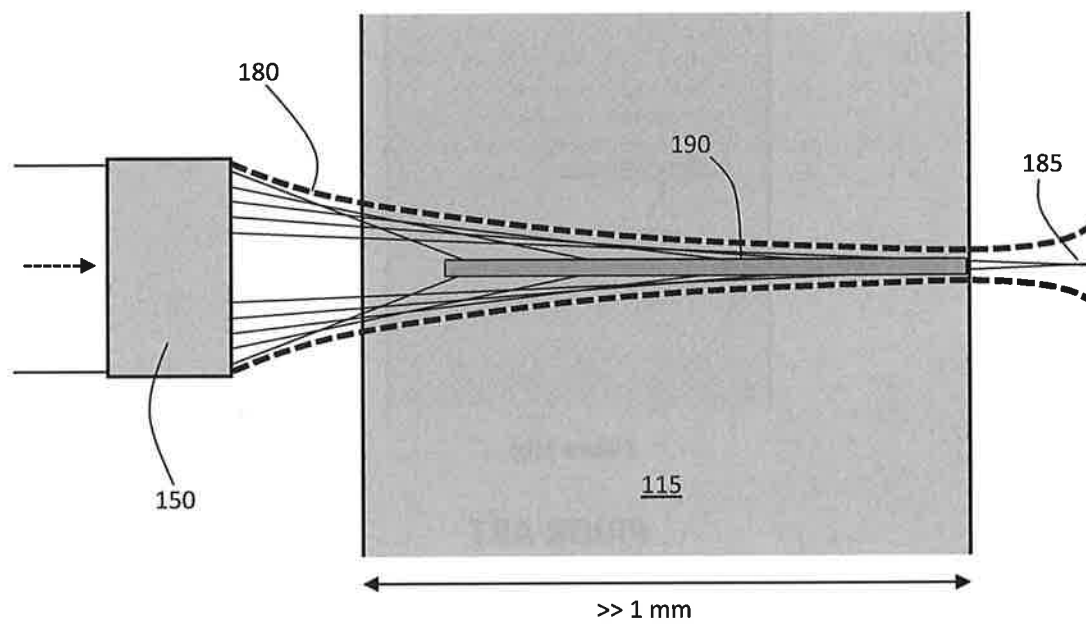


Figure 1(d)

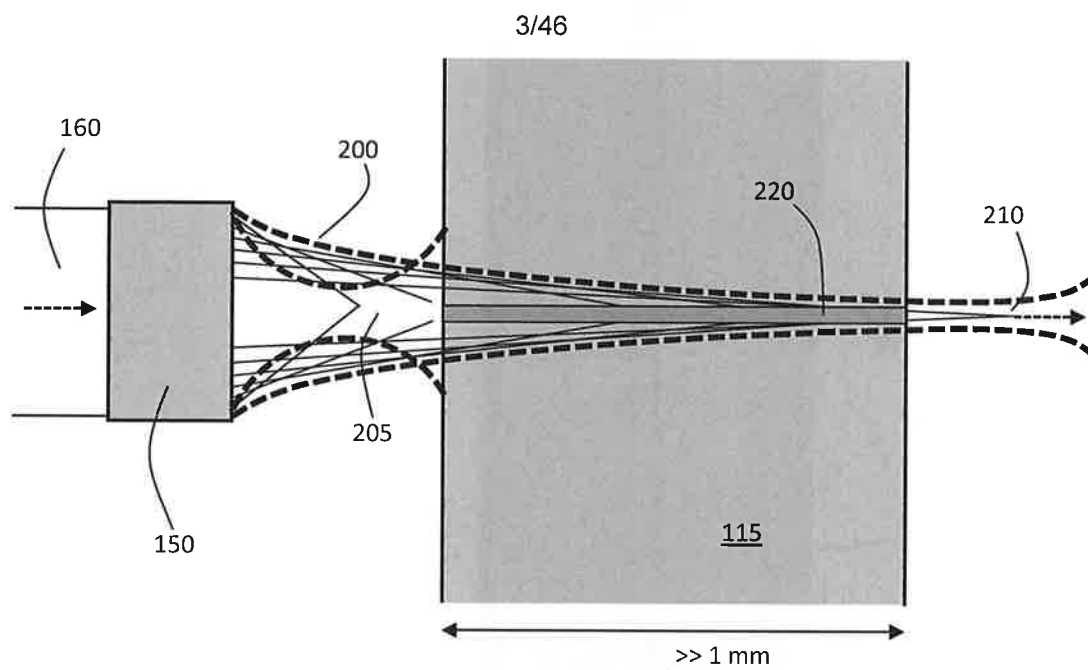


Figure 1(e)

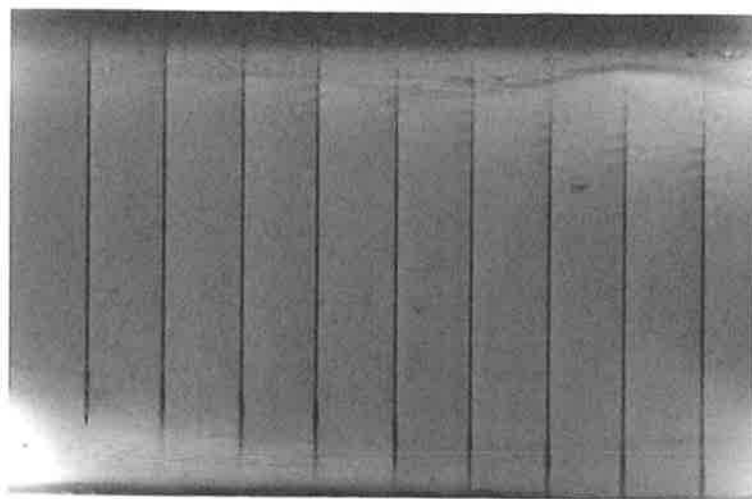


Figure 1(f)

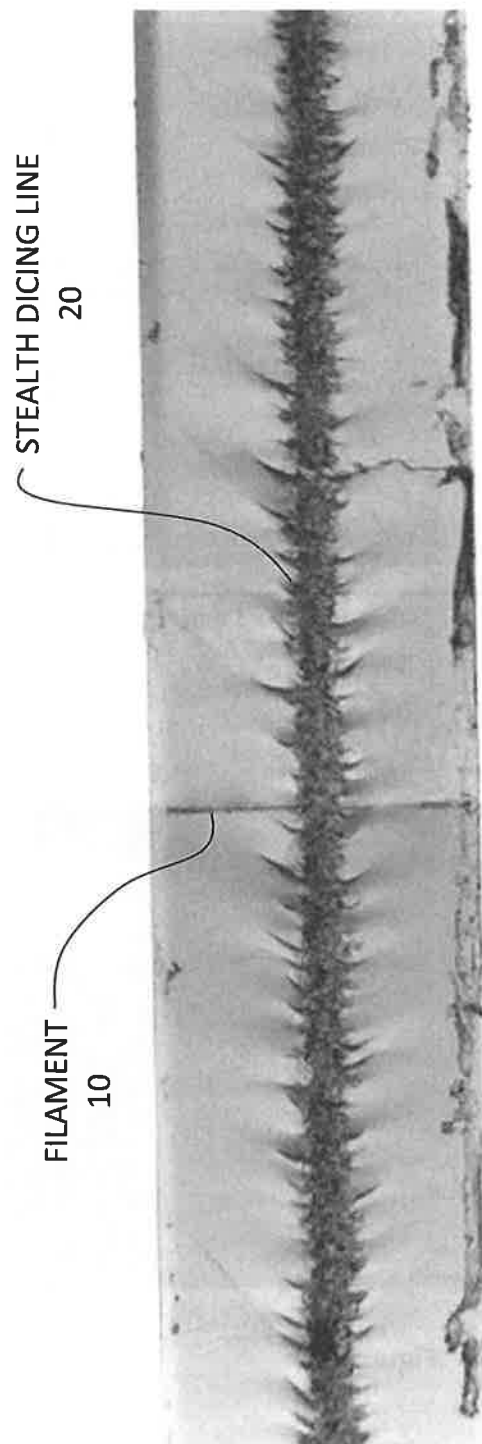


Figure 1(g)

Figure 2(a)

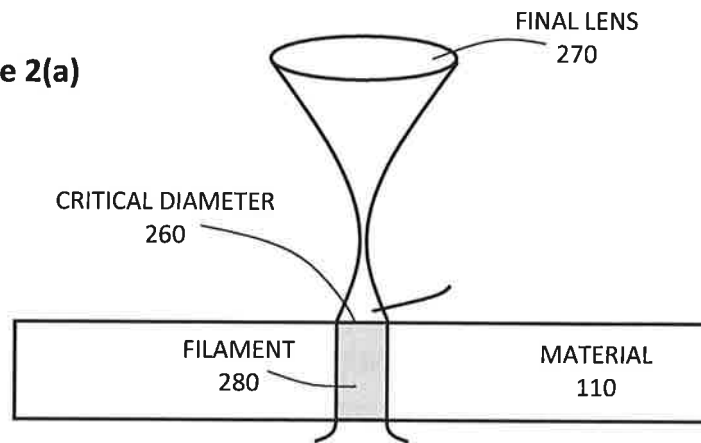
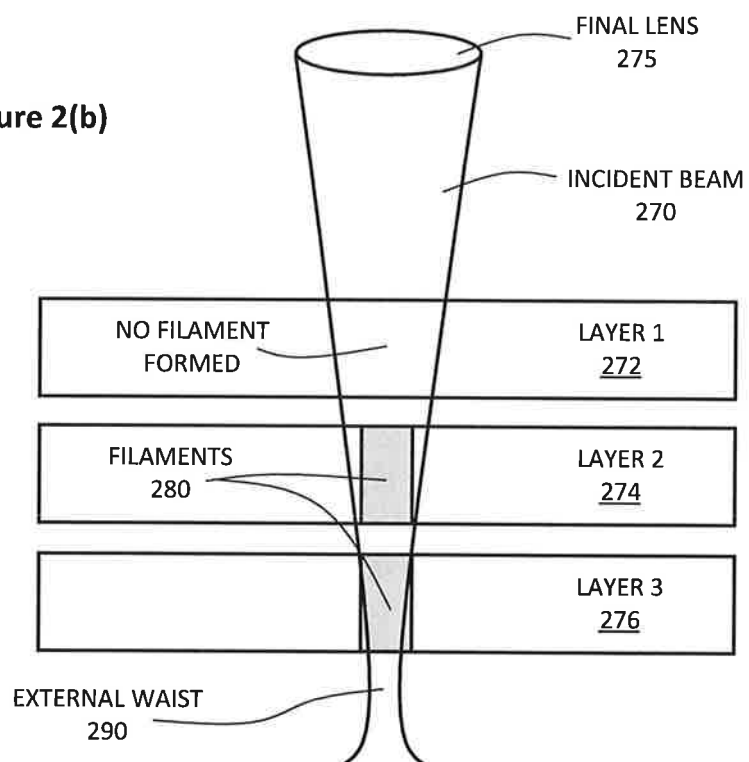


Figure 2(b)



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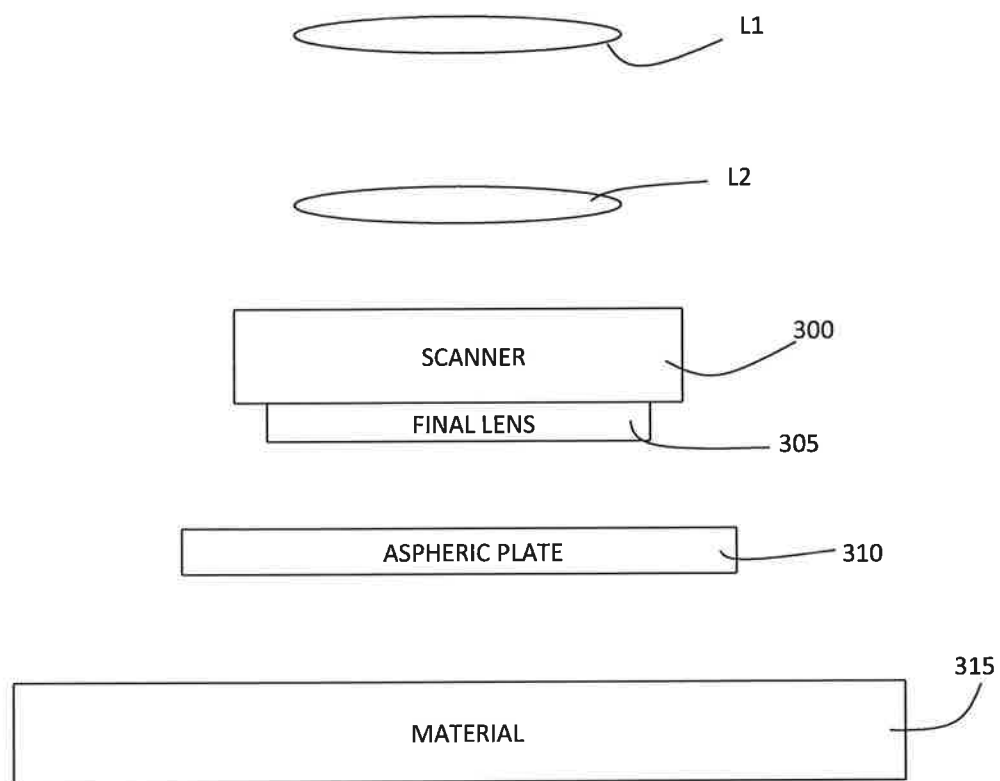


Figure 3

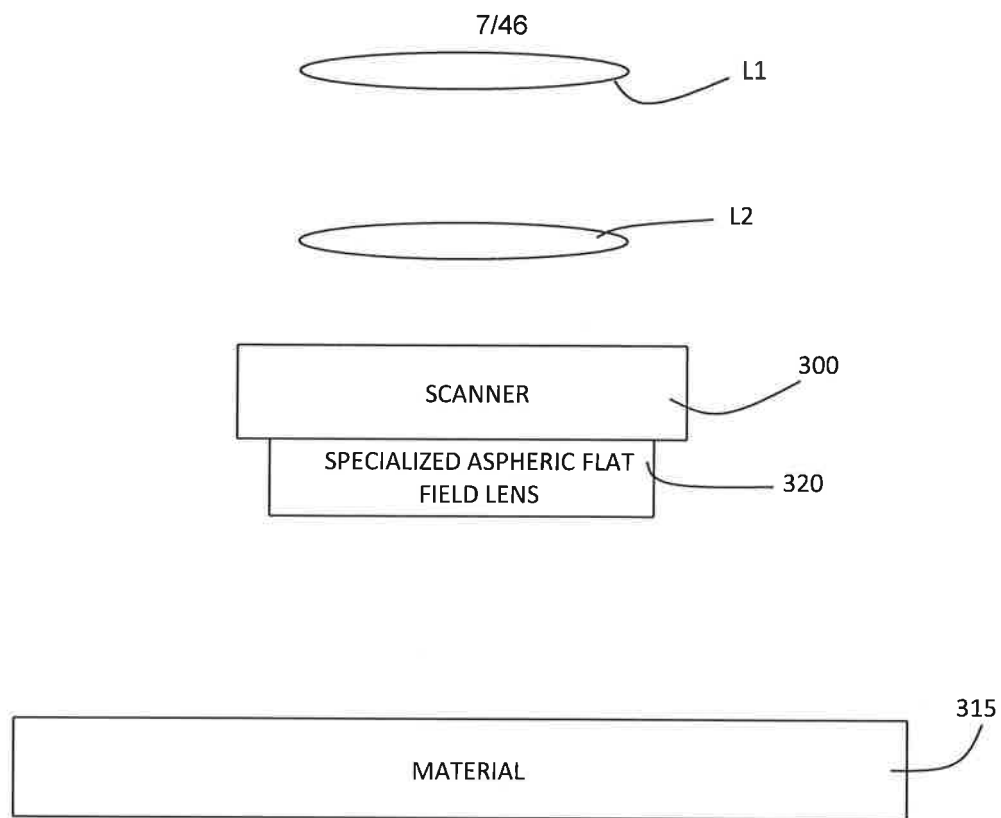


Figure 4

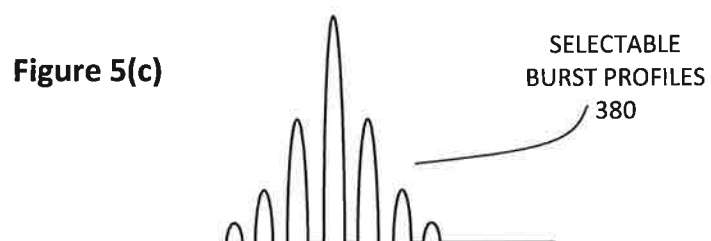
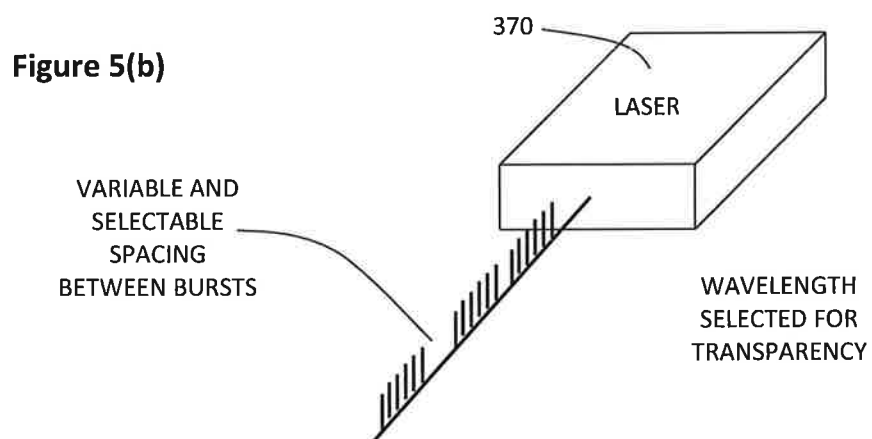
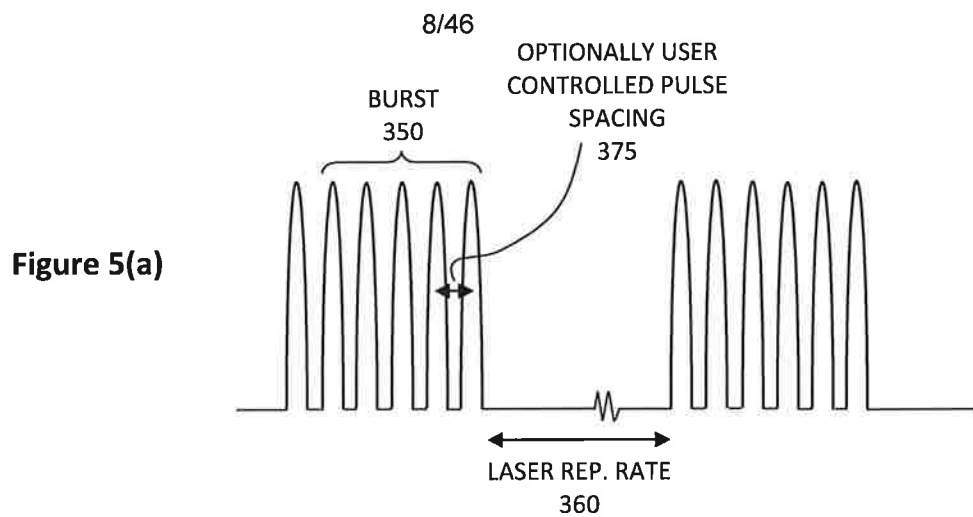


Figure 5(d)

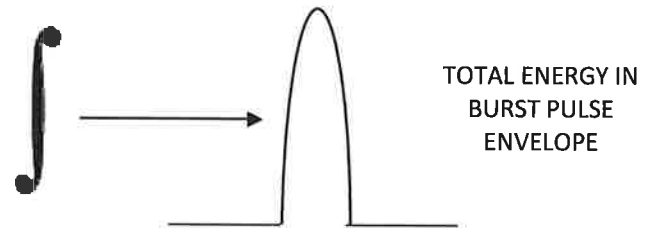


Figure 5(e)

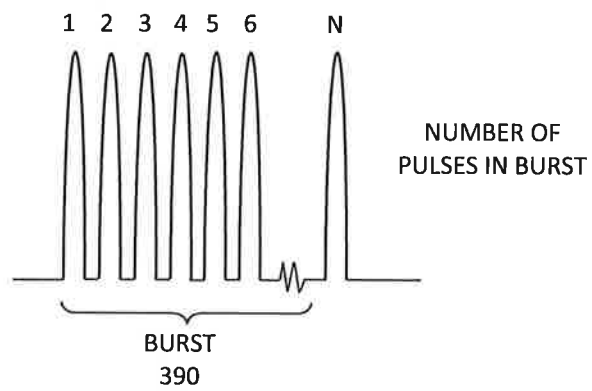
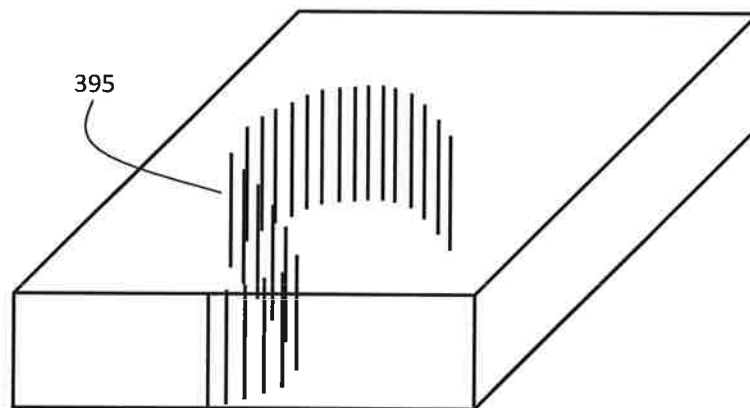


Figure 6



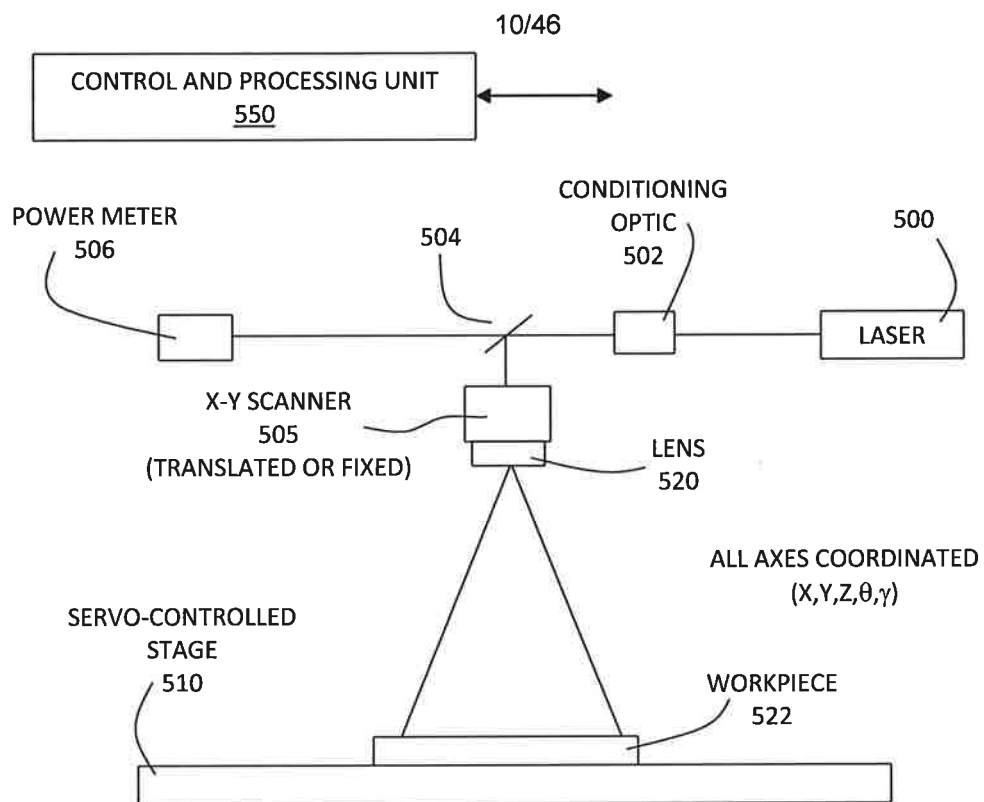
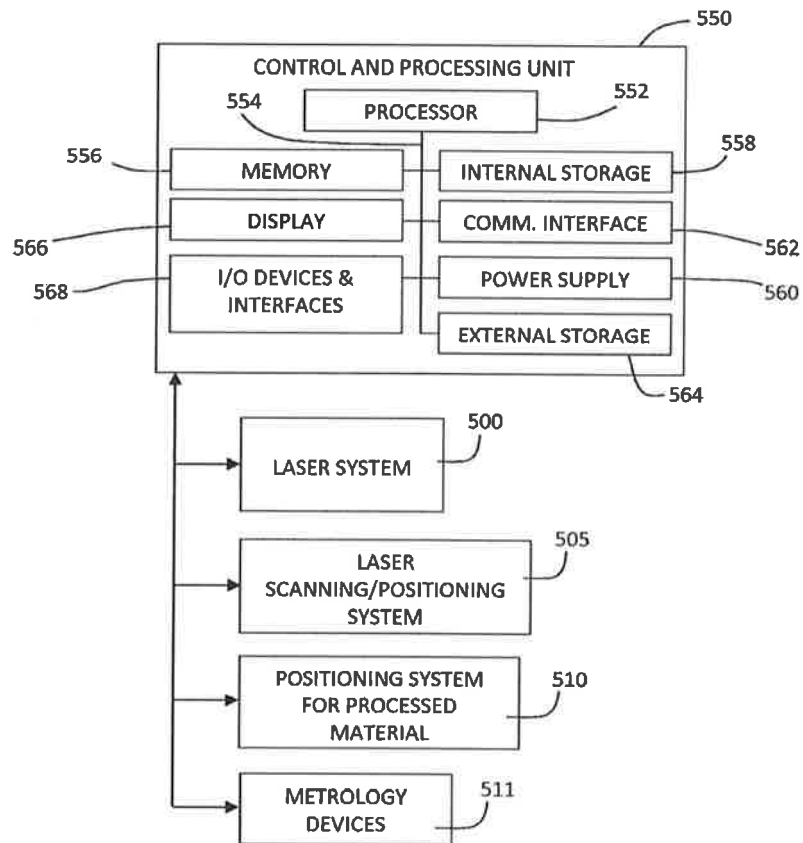
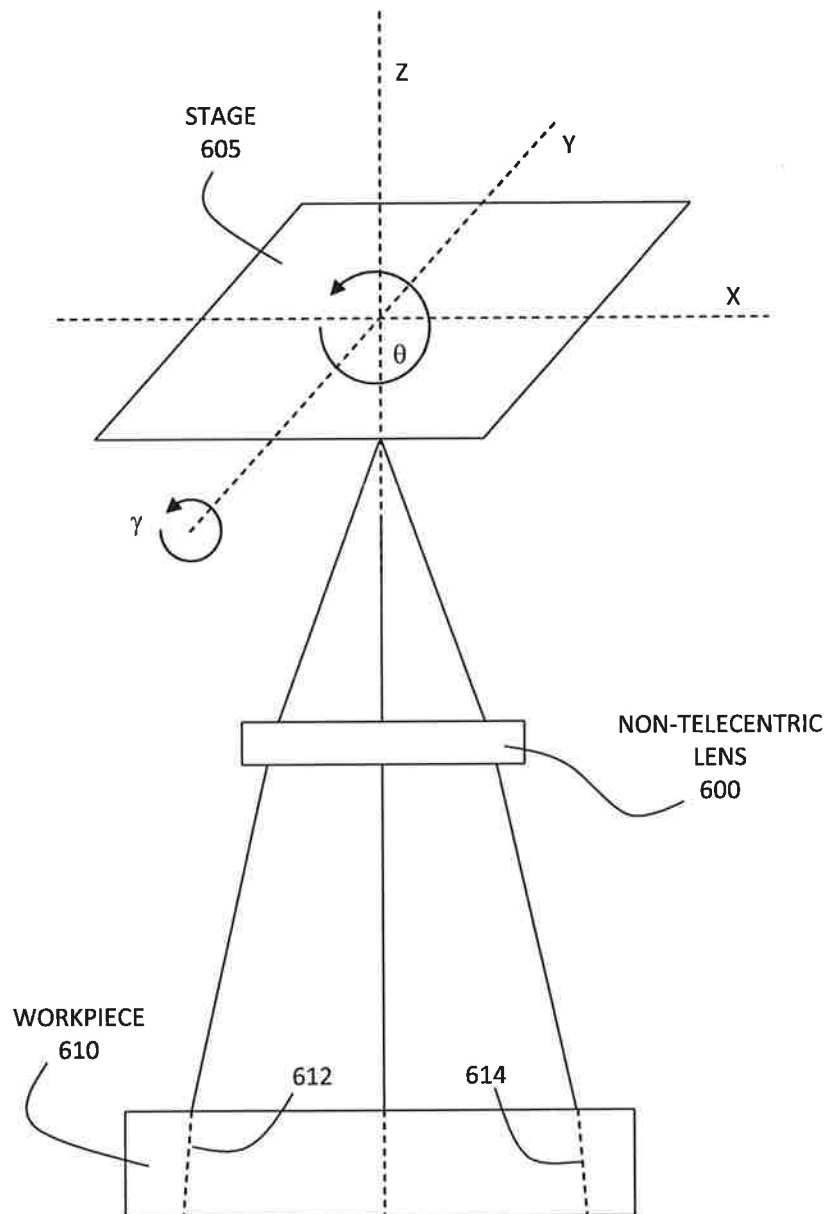
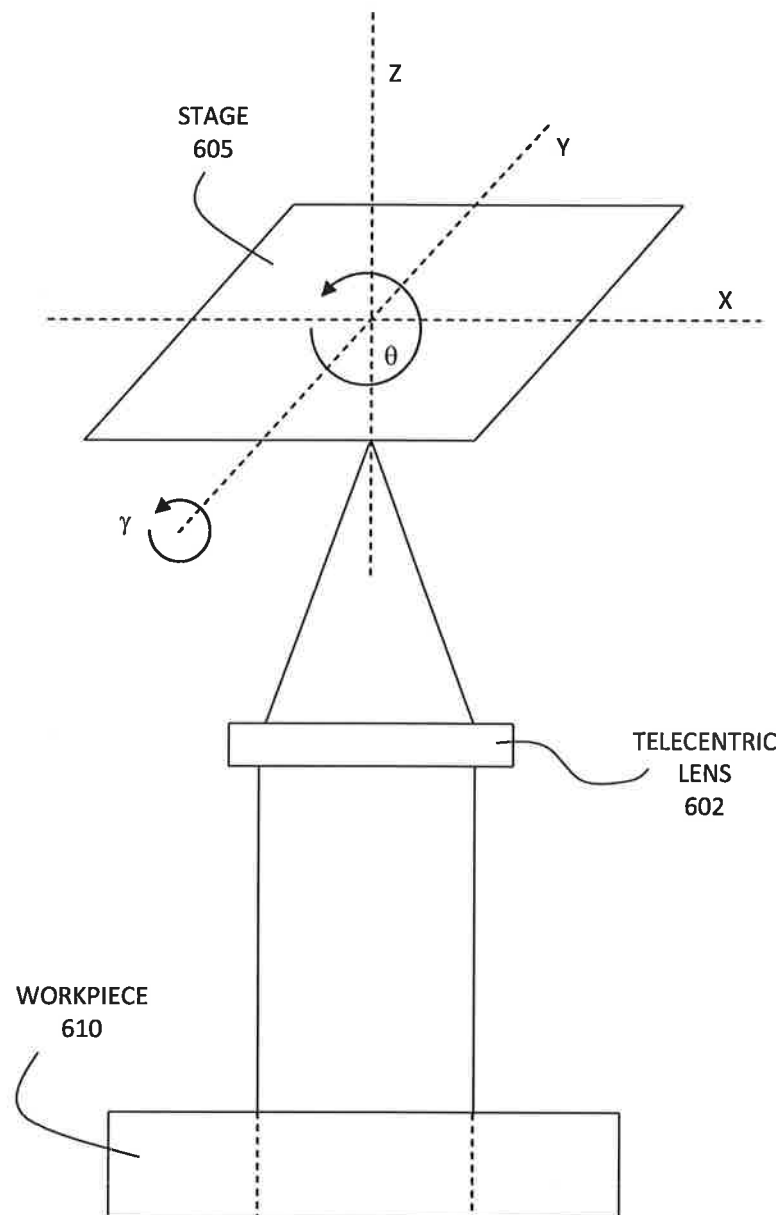


Figure 7(a)

**Figure 7(b)**

**Figure 8(a)**

**Figure 8(b)**

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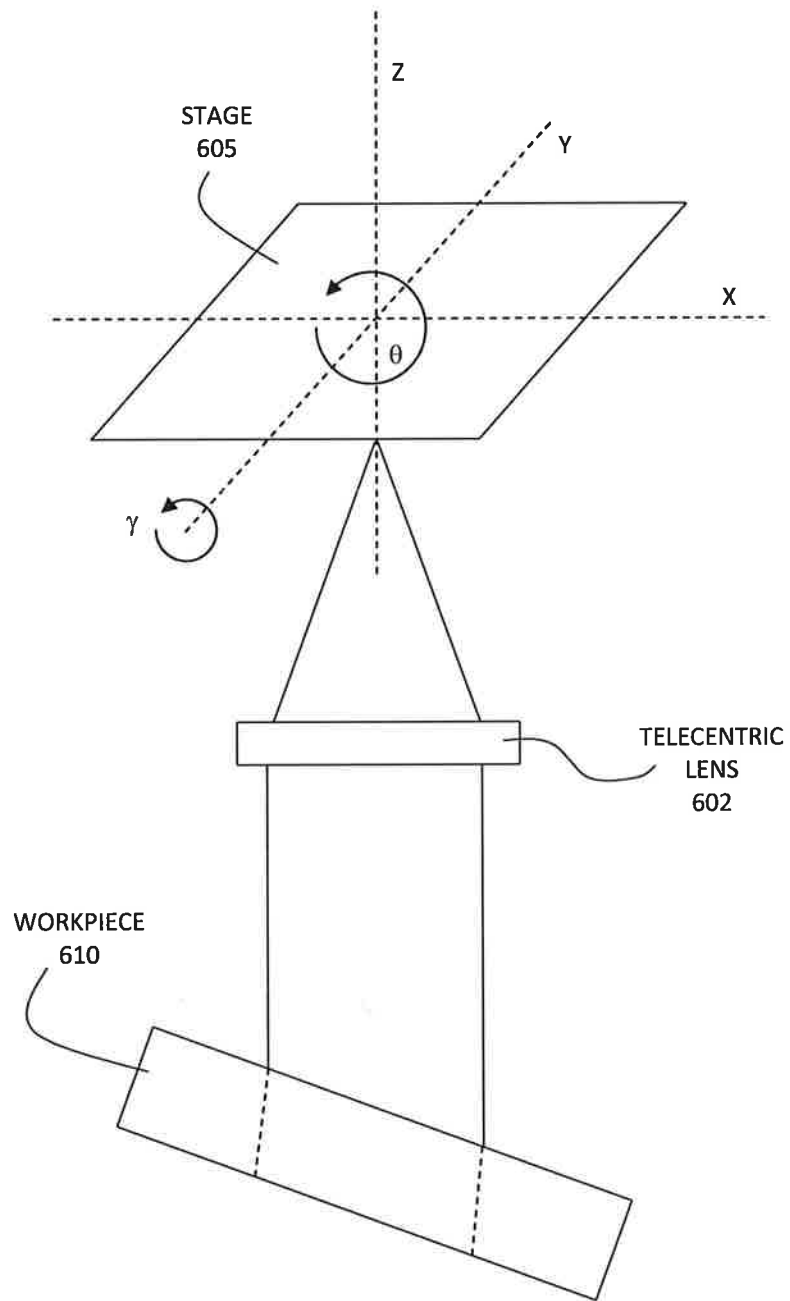


Figure 8(c)

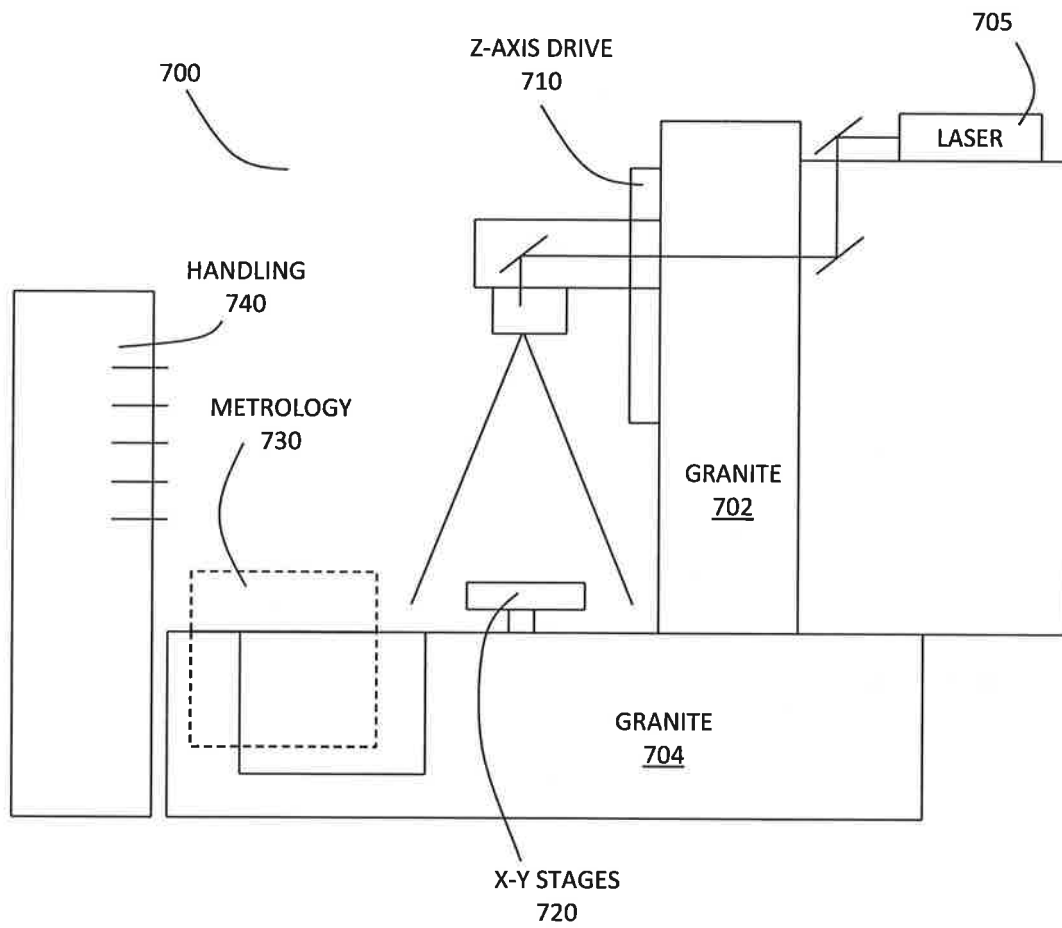


Figure 9

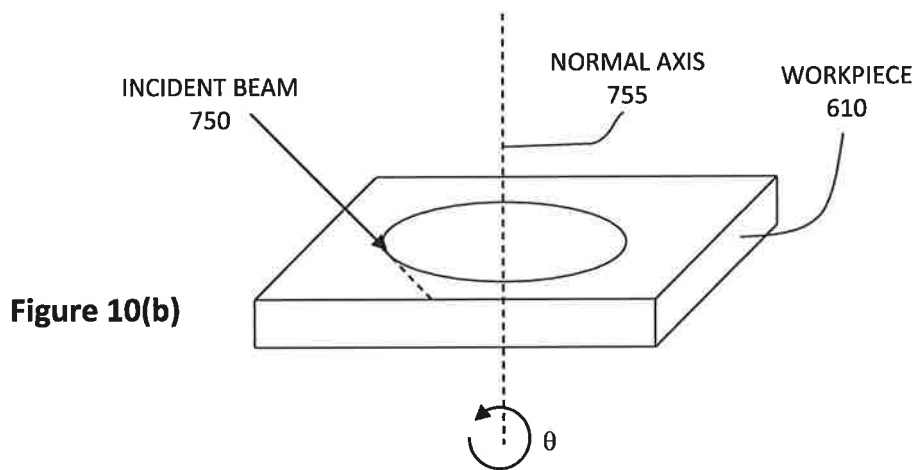
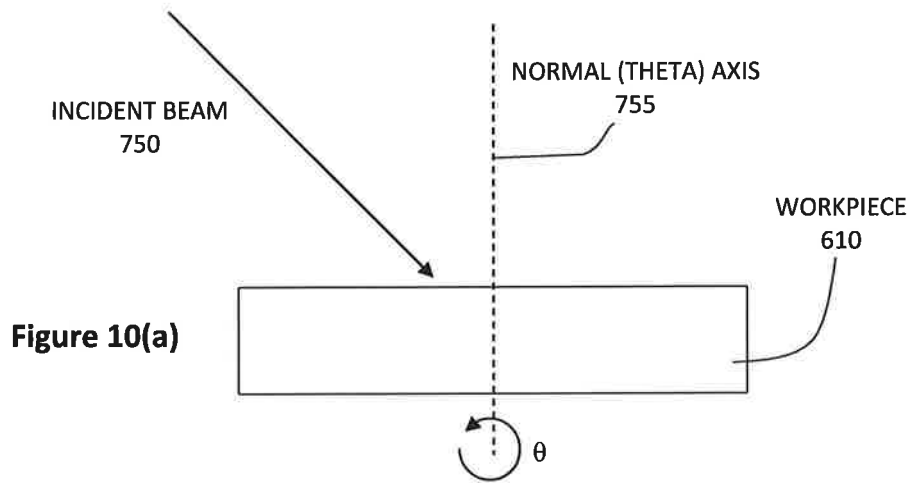


Figure 10(d)

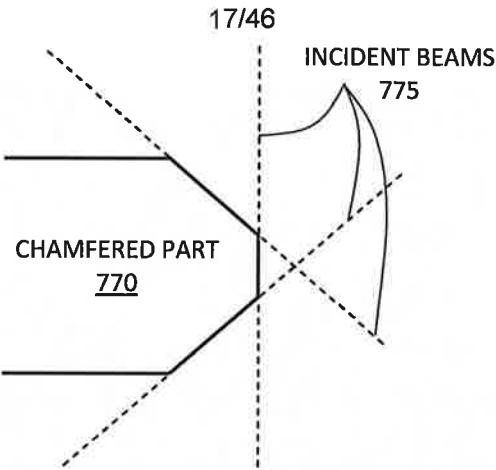


Figure 10(e)

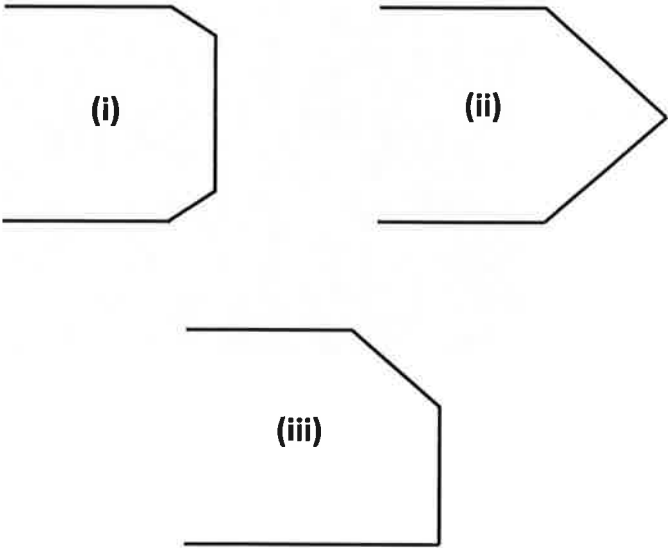


Figure 10(f)

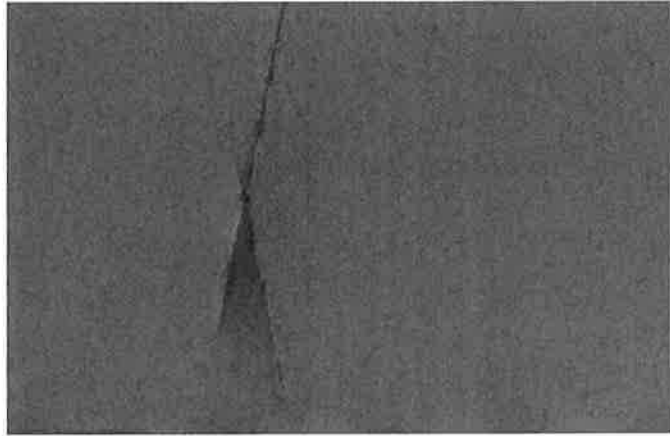


Figure 10(g)

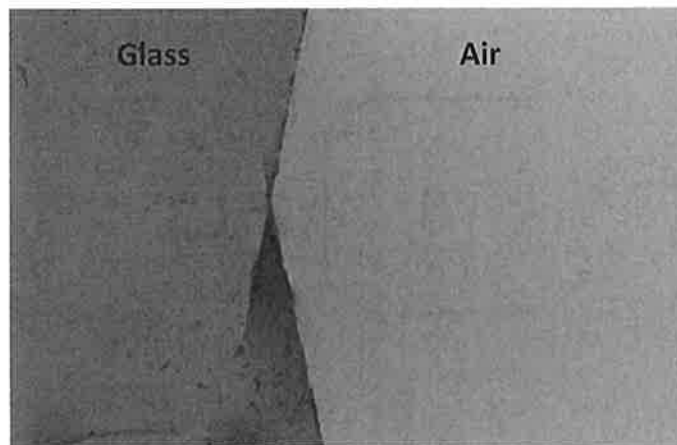


Figure 10(h)

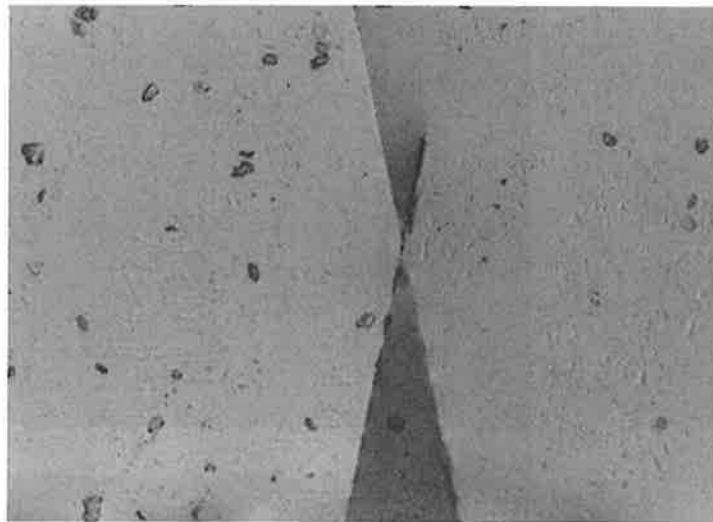


Figure 10(i)

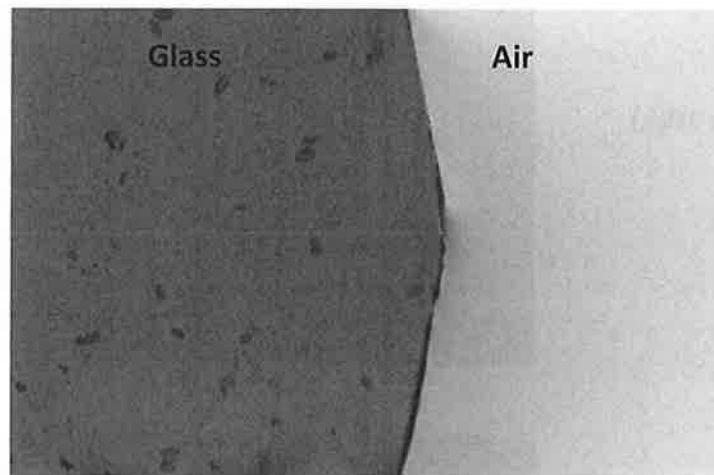


Figure 10(j)

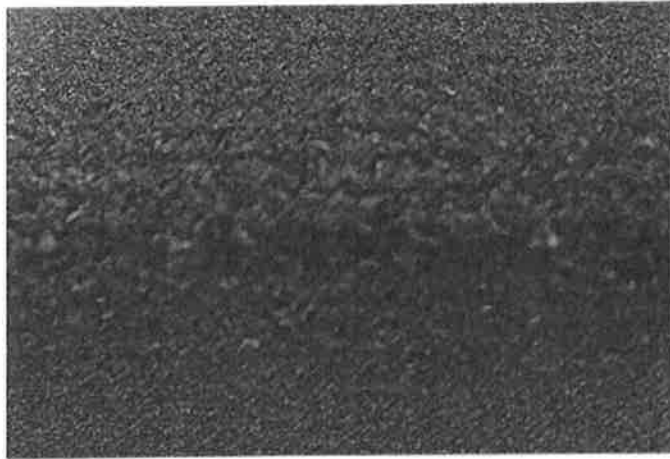


Figure 10(k)



Figure 10(l)



Figure 10(m)

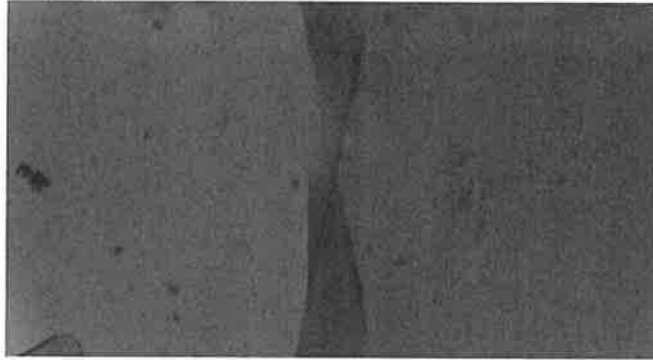


Figure 10(n)

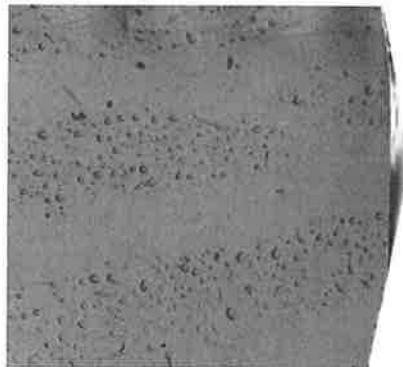
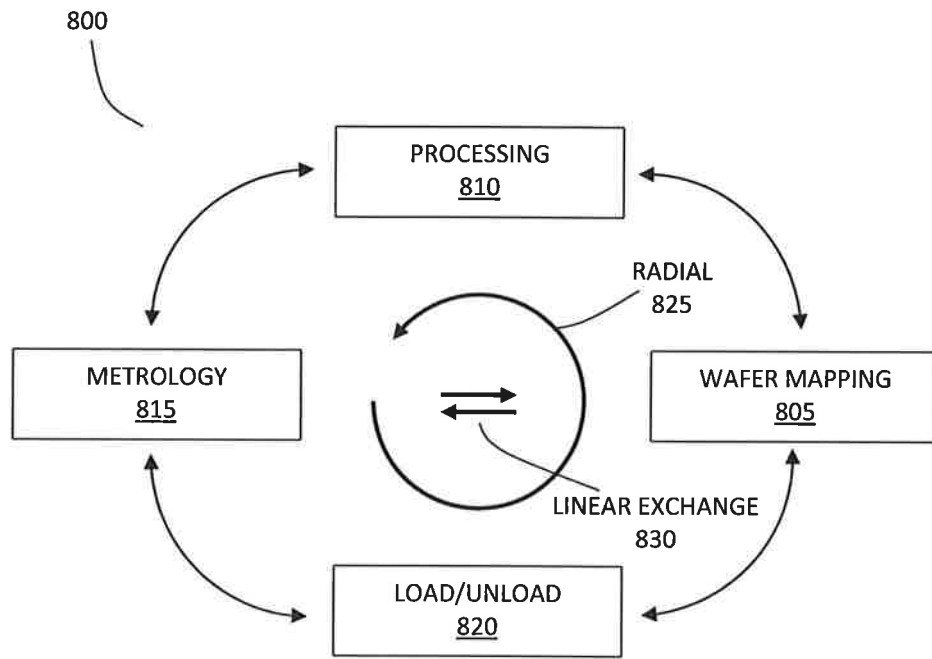




Figure 10(o)

**Figure 11(a)**

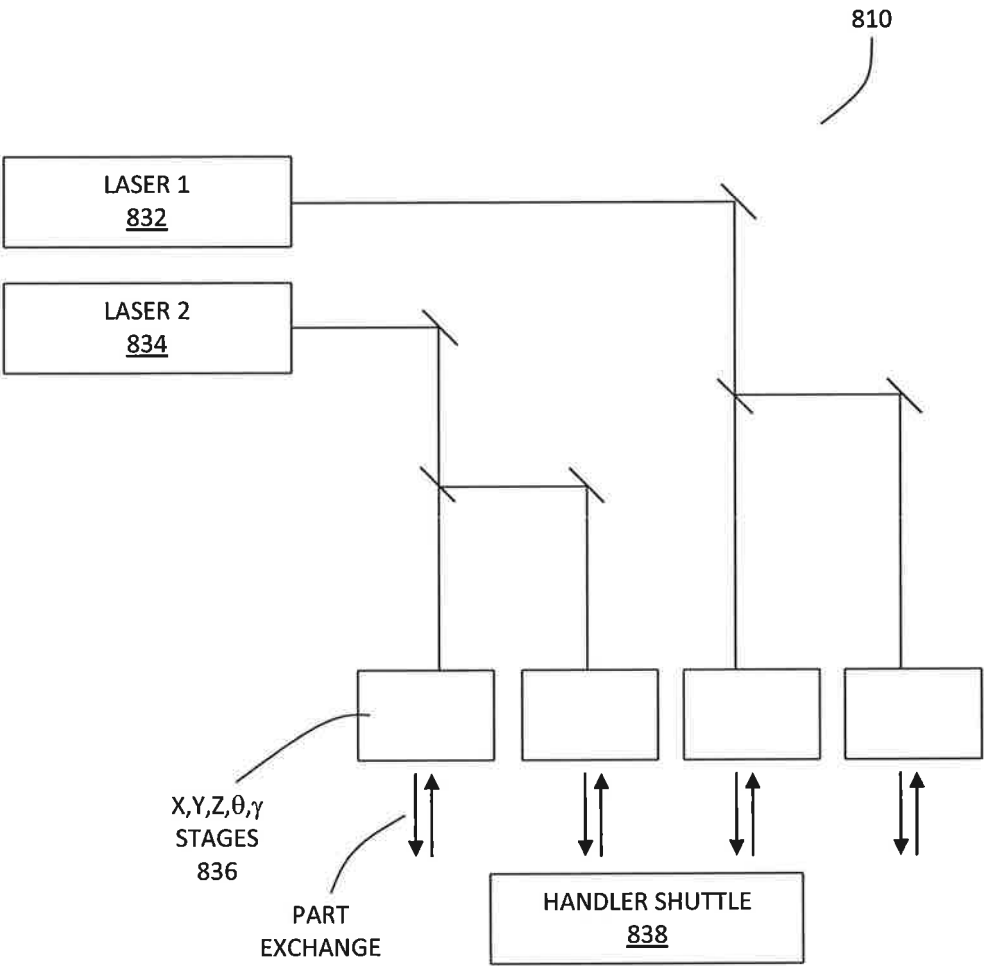


Figure 11(b)

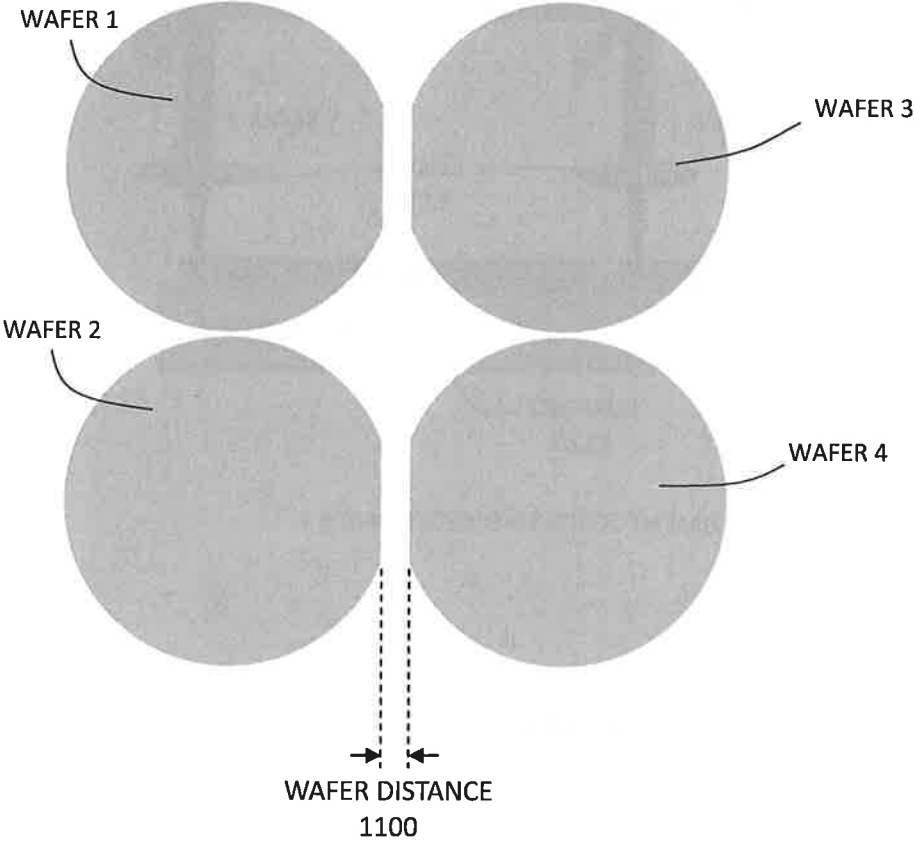


Figure 11(c)

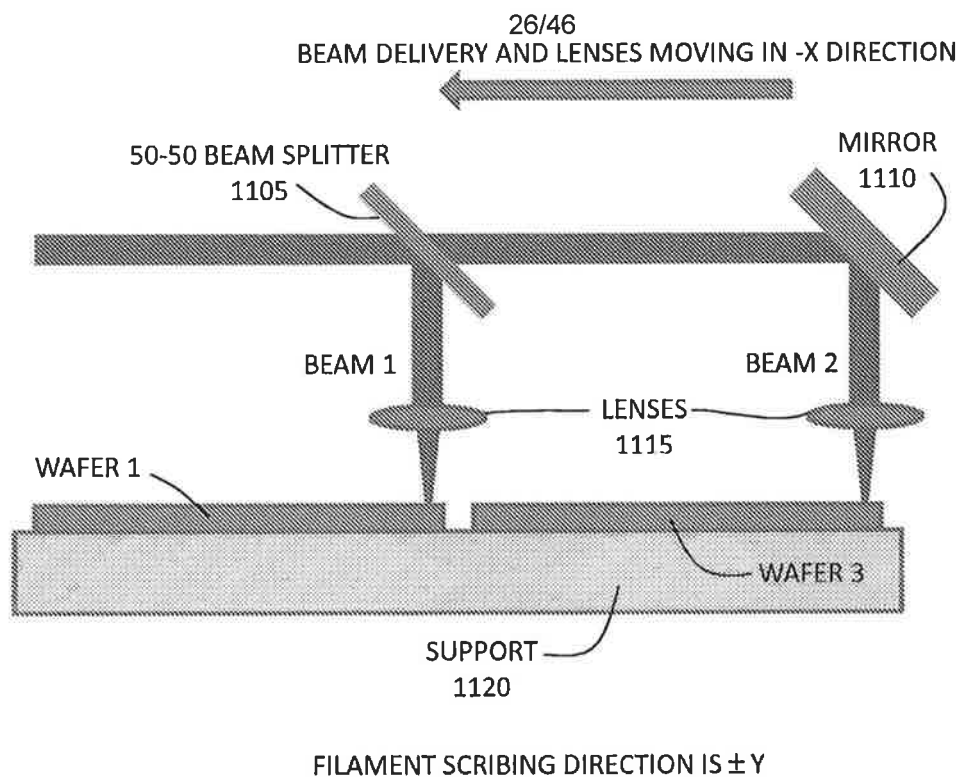


Figure 11(d)

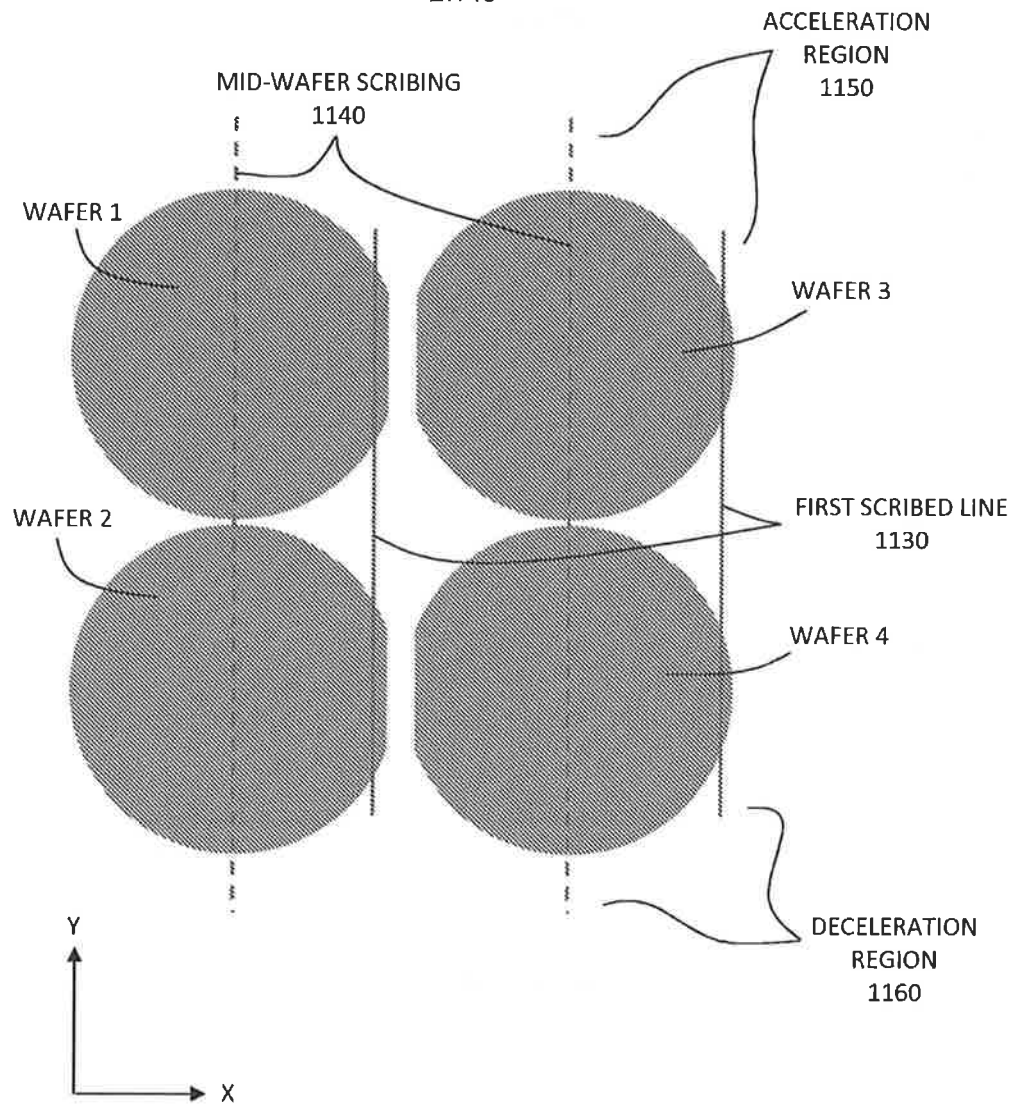
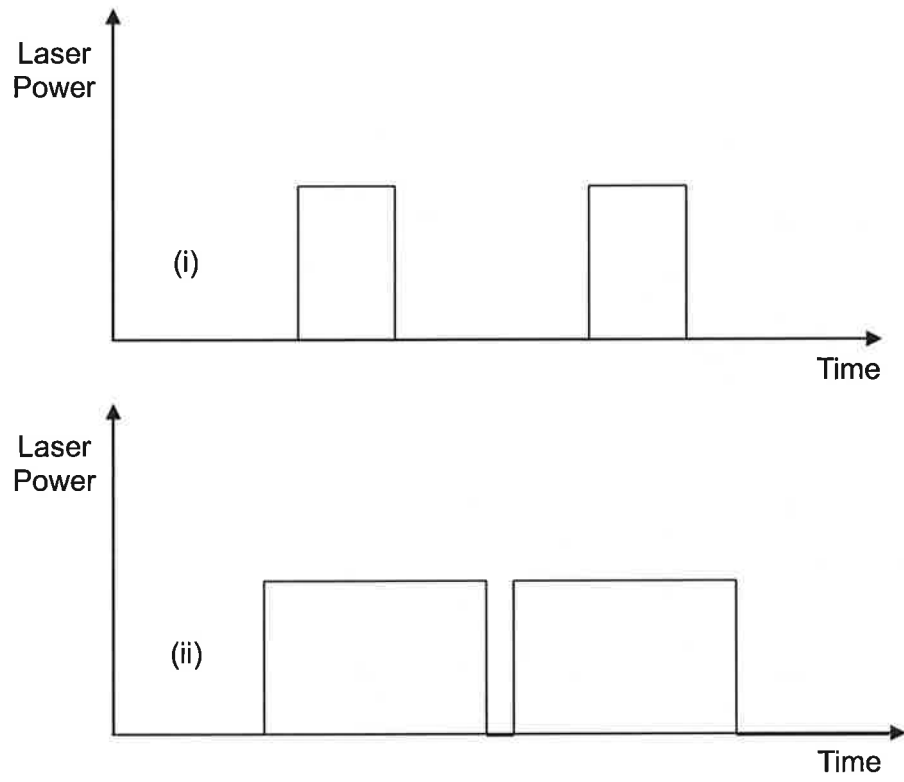


Figure 11(e)

**Figure 11(f)**

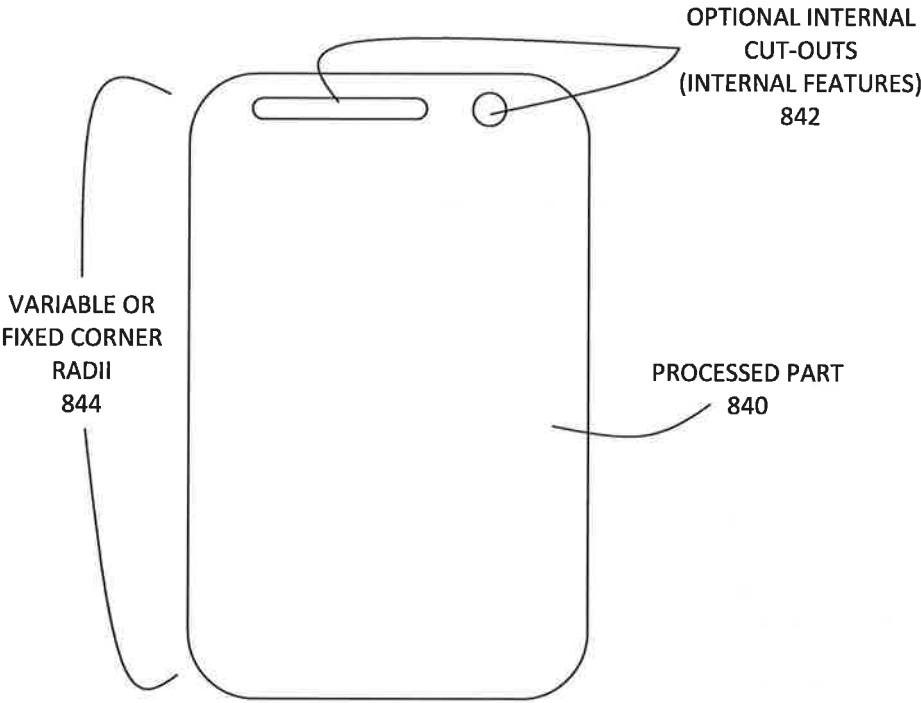


Figure 12

PRE-CUT EDGE
850

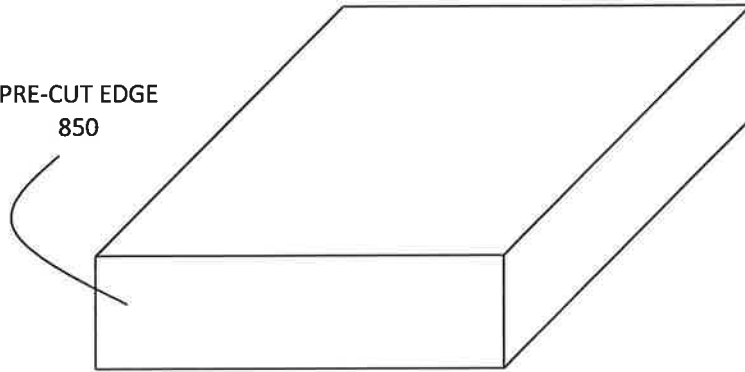


Figure 13(a)

CUT EDGE, WITH
ROUGHNESS SELECTABLE
BY CHANGING DEGREE
OF OVERLAP OR
DISCRETE SPACING OF
FILAMENTS
852

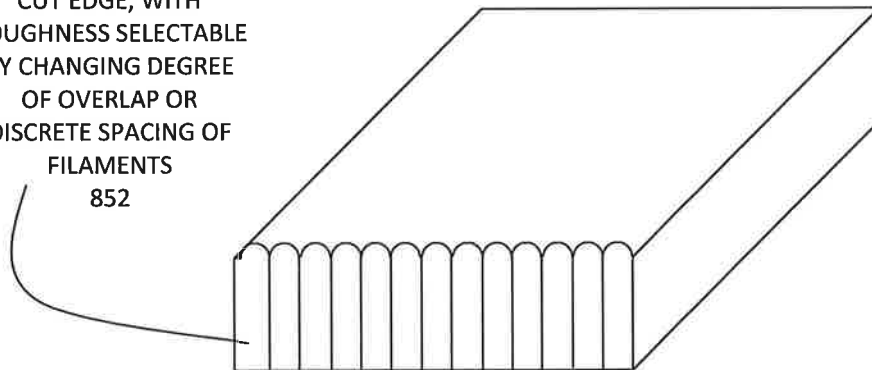


Figure 13(b)

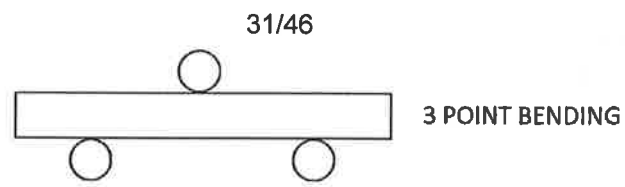


Figure 14(a)

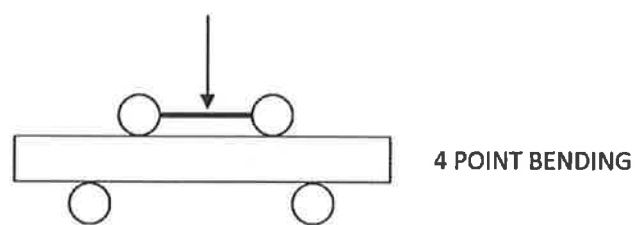


Figure 14(b)

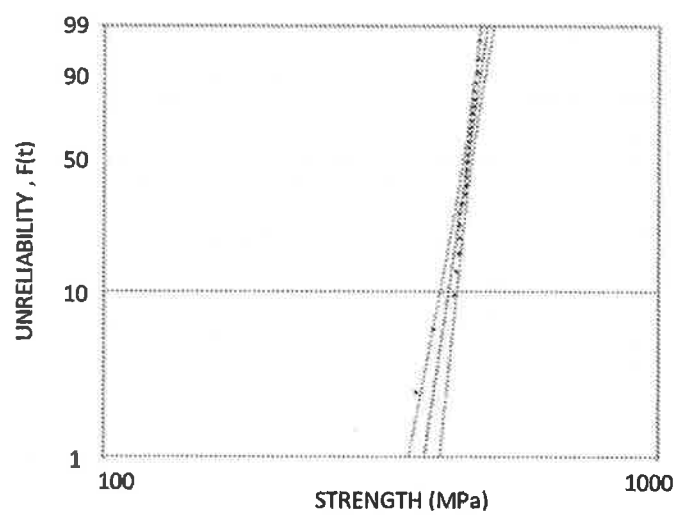


Figure 14(c)

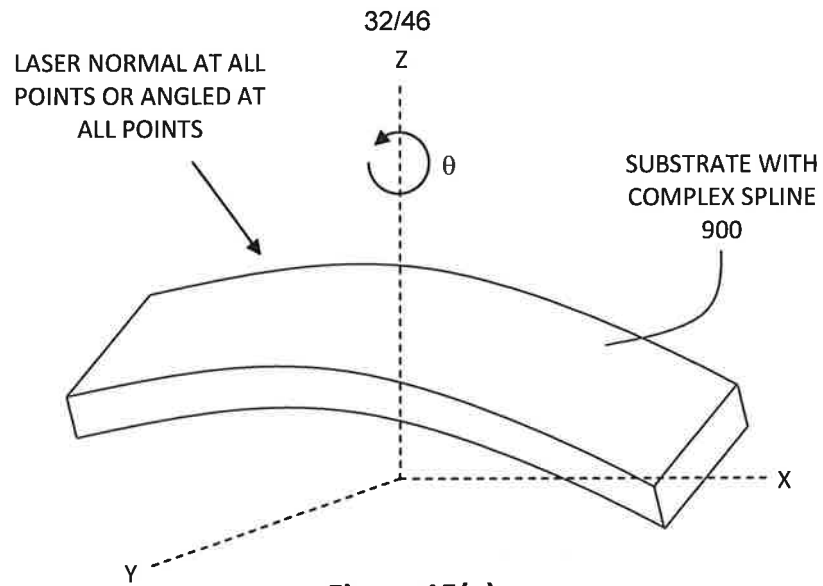


Figure 15(a)

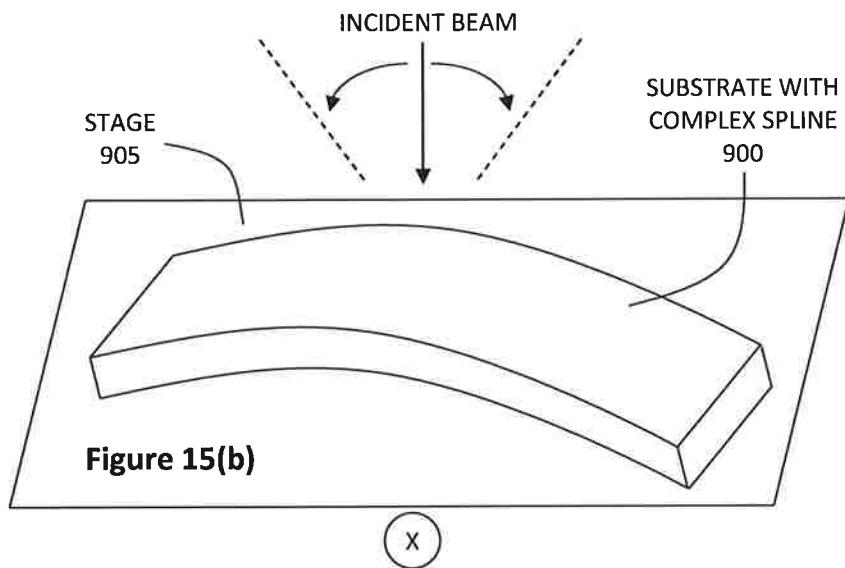


Figure 15(b)

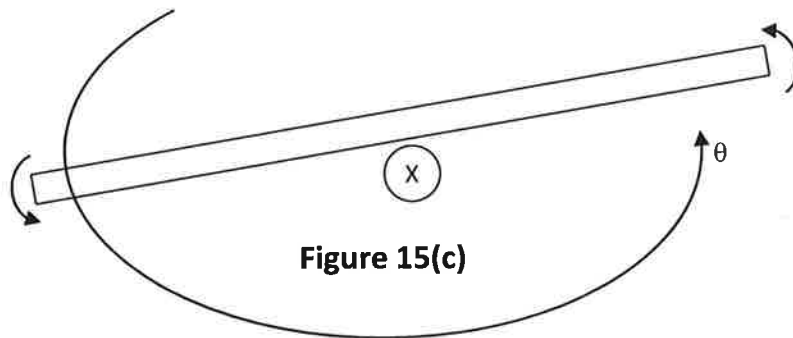


Figure 15(c)

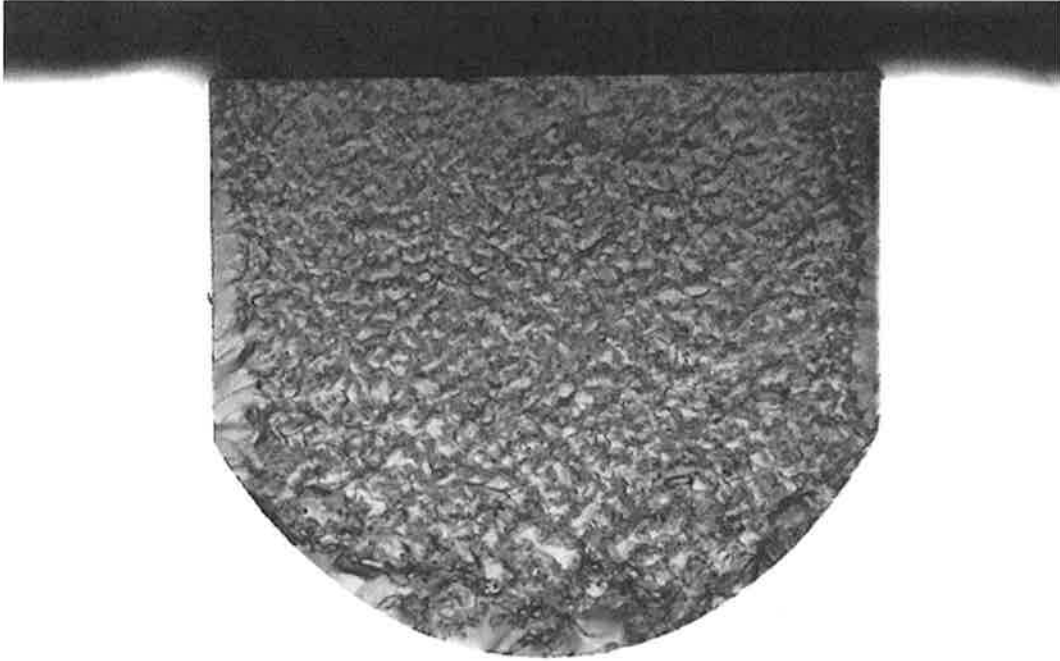
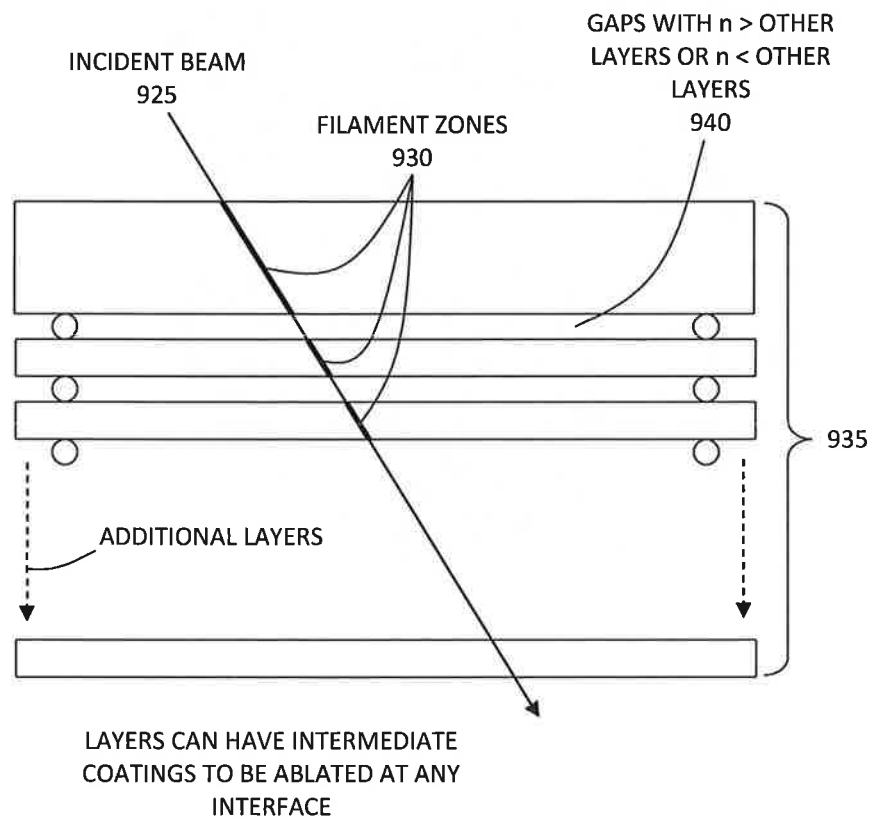


Figure 15(d)

**Figure 16(a)**

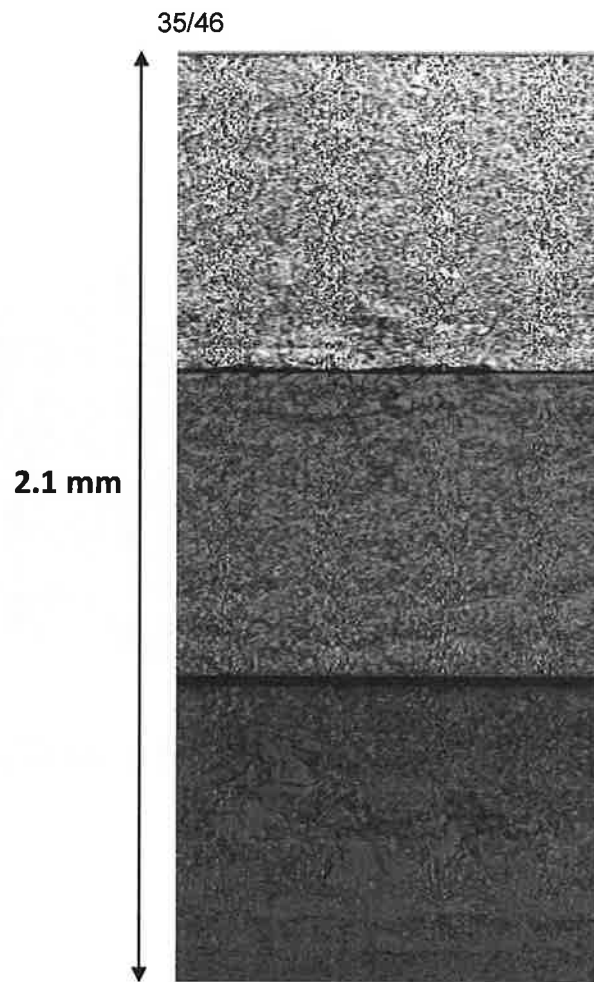
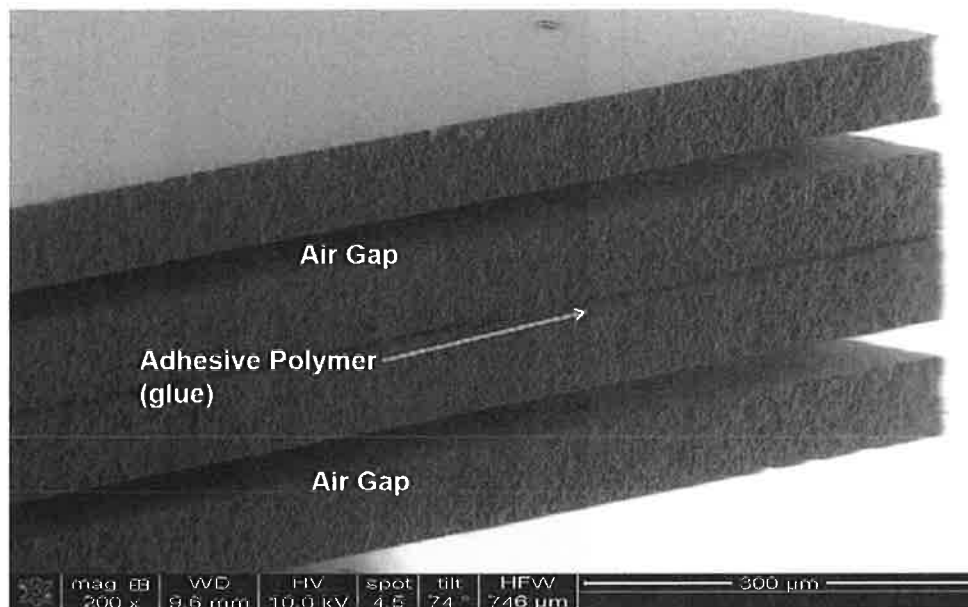
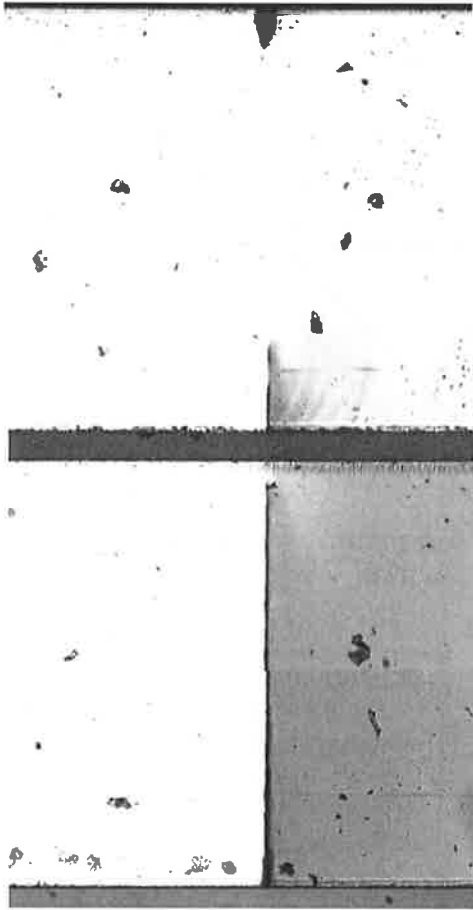


Figure 16(b)

**Figure 16(c)**

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Before Cleaving



**Front Facet
After Cleaving**

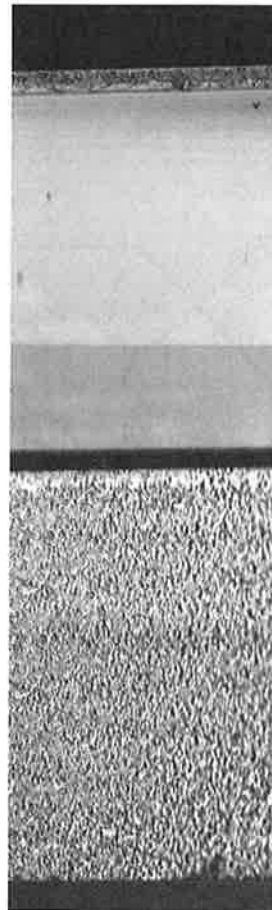


Figure 16(d)

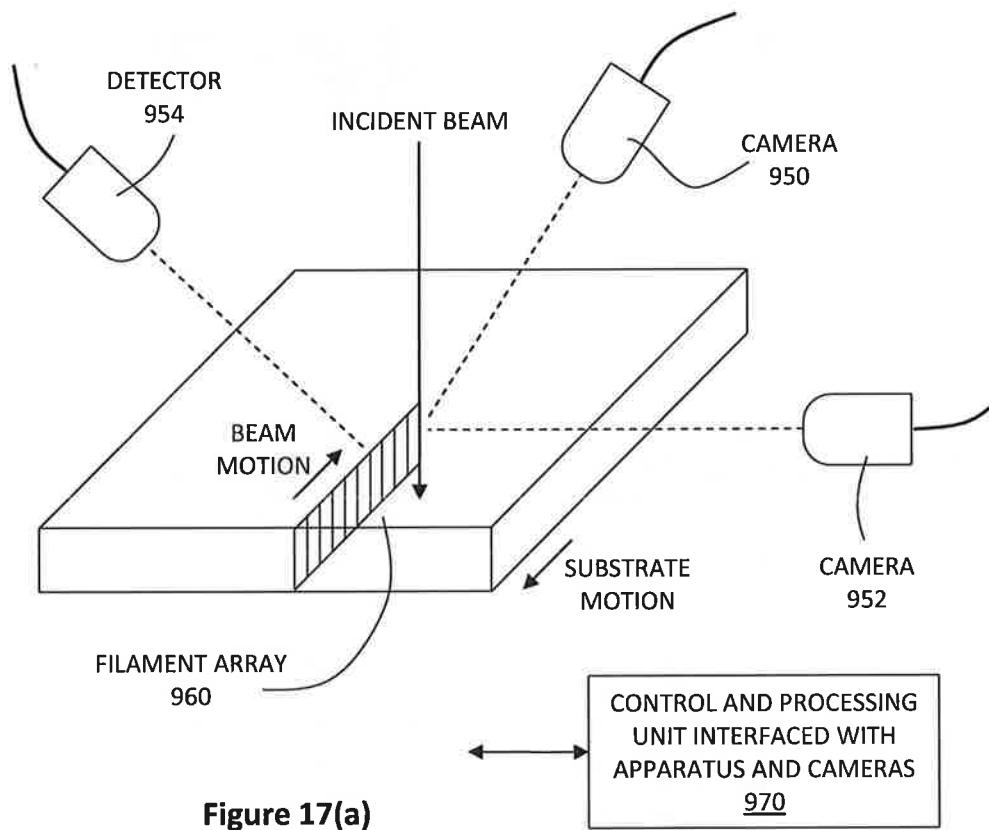


Figure 17(a)

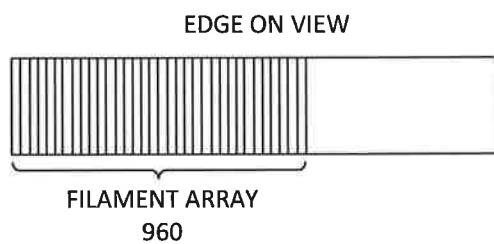
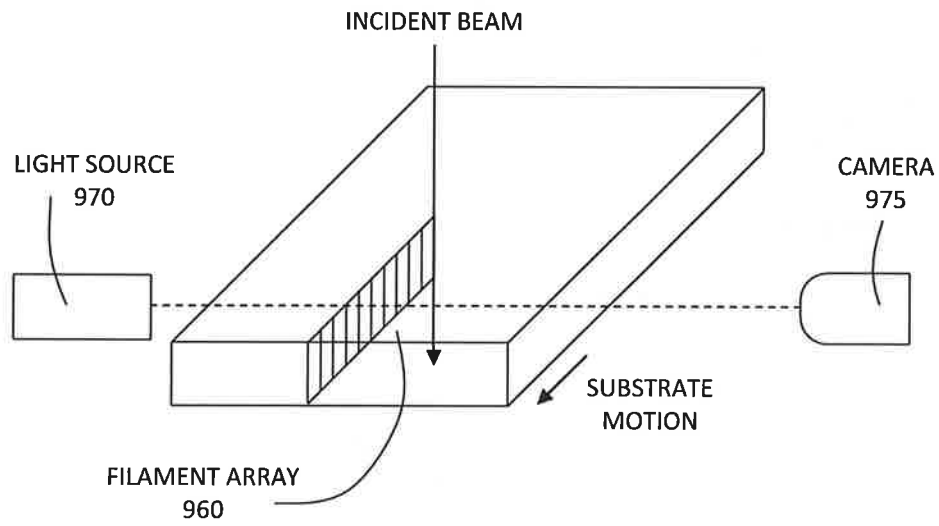
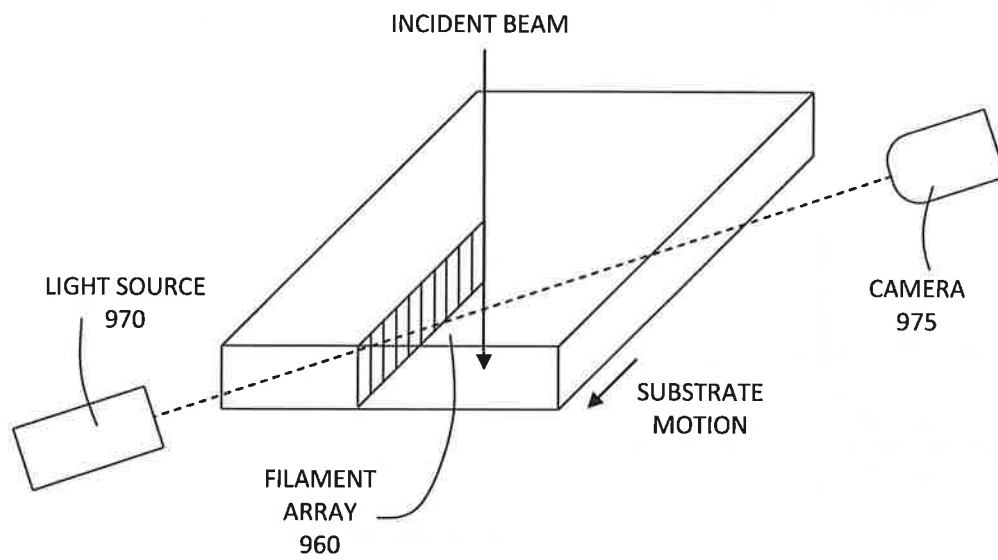


Figure 17(b)

**Figure 17(c)****Figure 17(d)**

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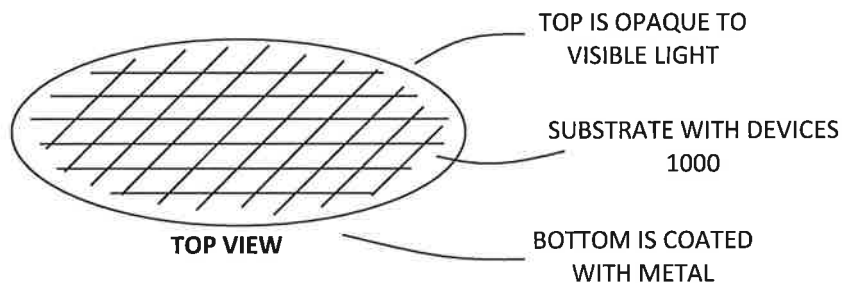


Figure 18(a)

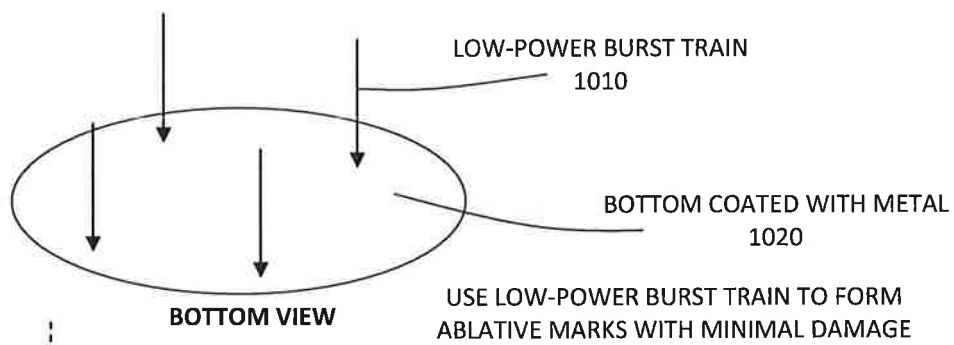


Figure 18(b)

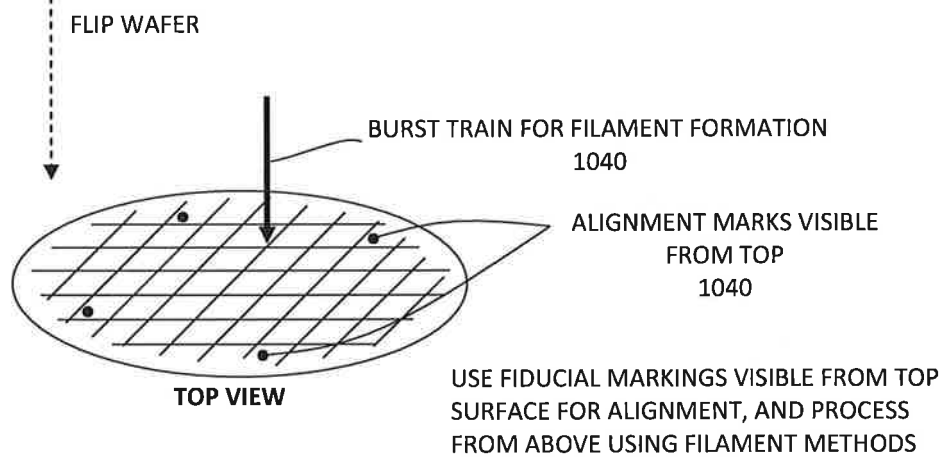


Figure 18(c)

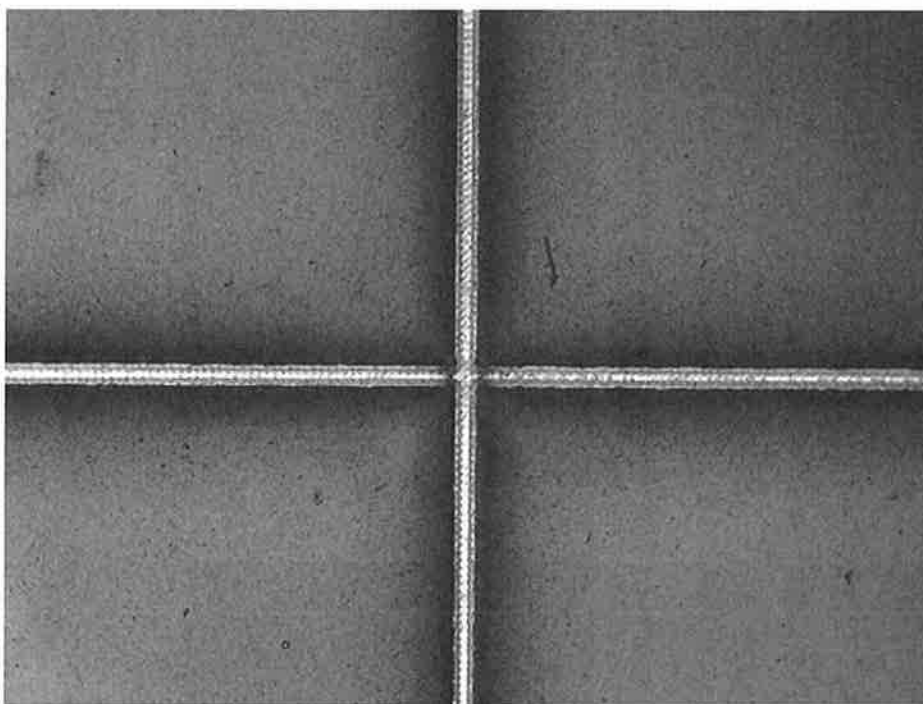


Figure 18(d)

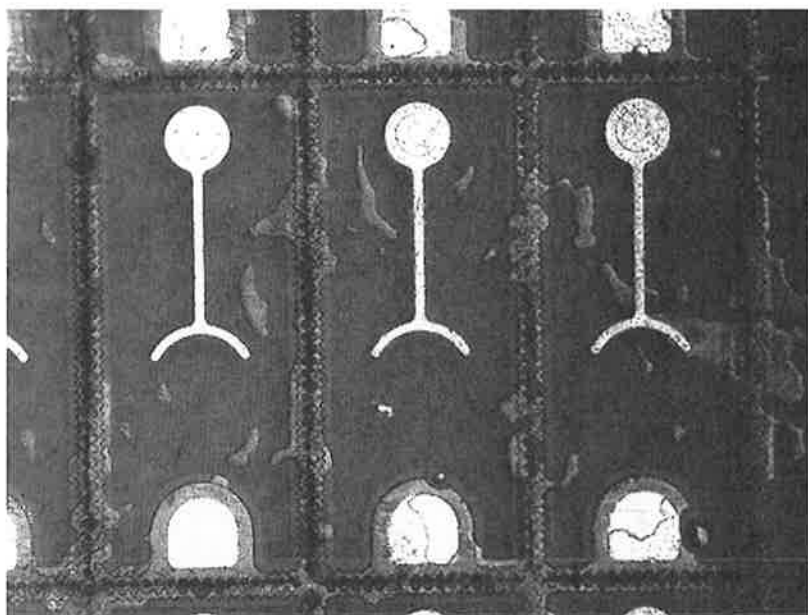


Figure 18(e)

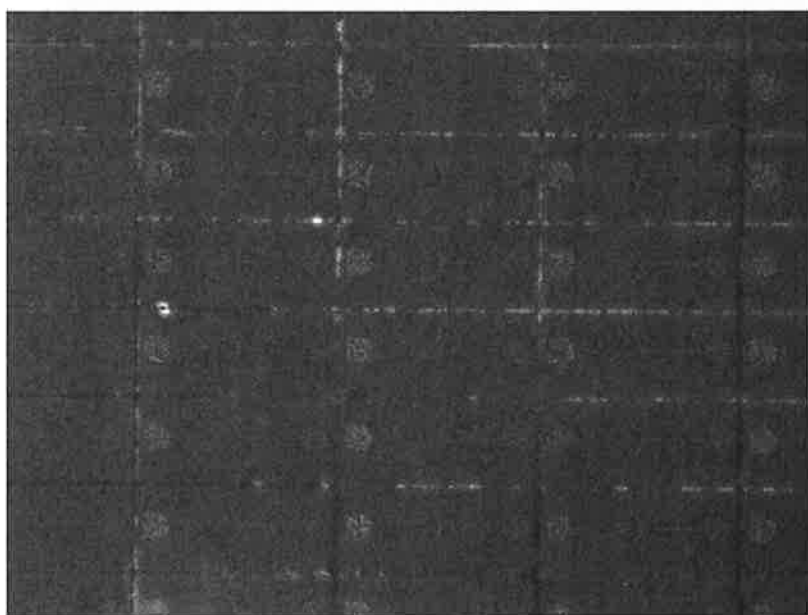


Figure 18(f)

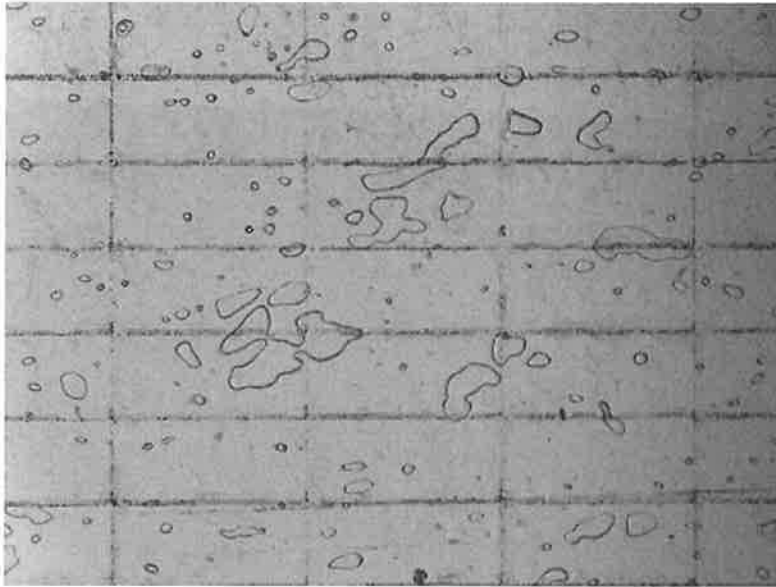


Figure 18(g)

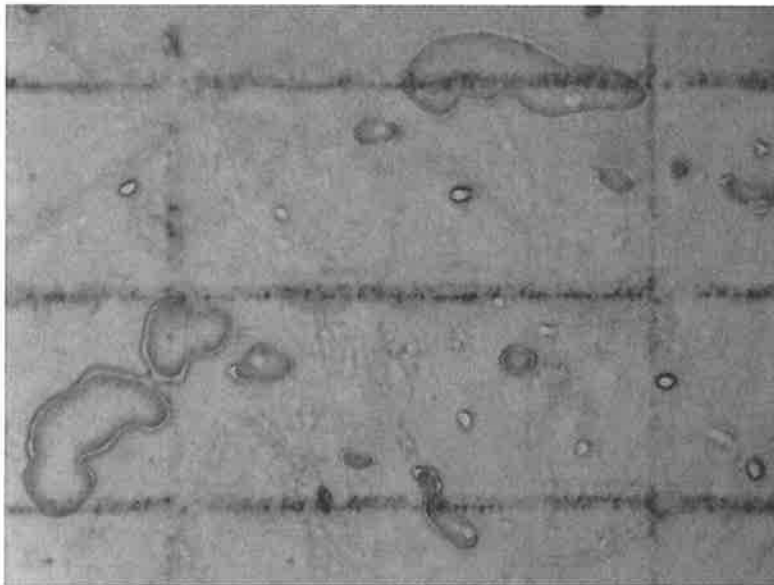


Figure 18(h)

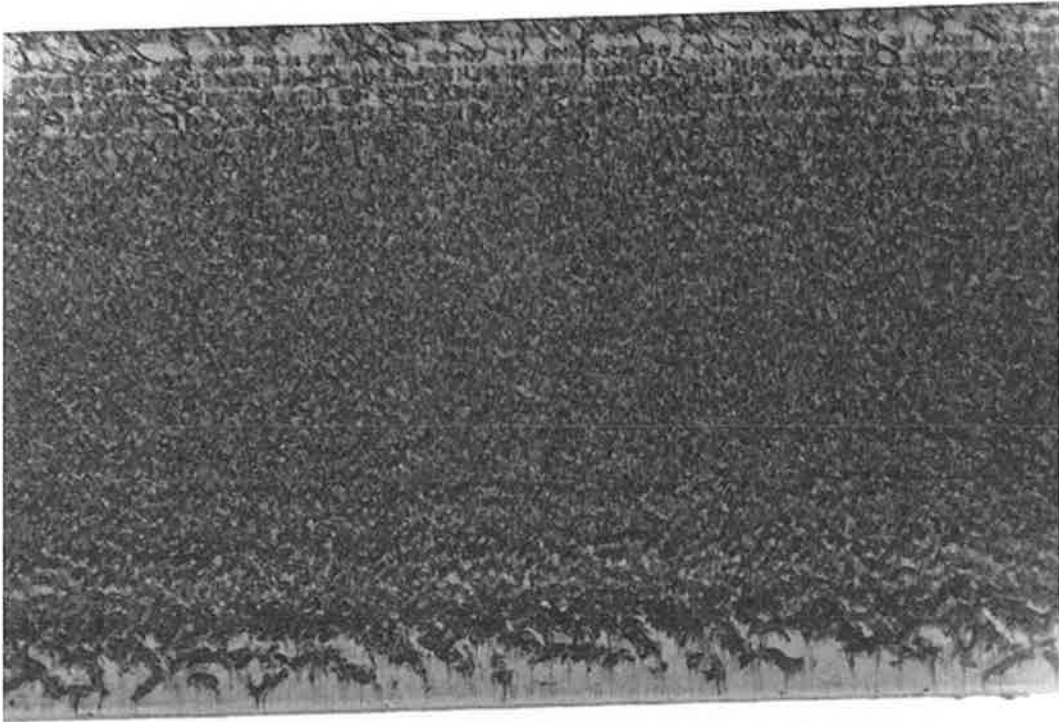


Figure 19

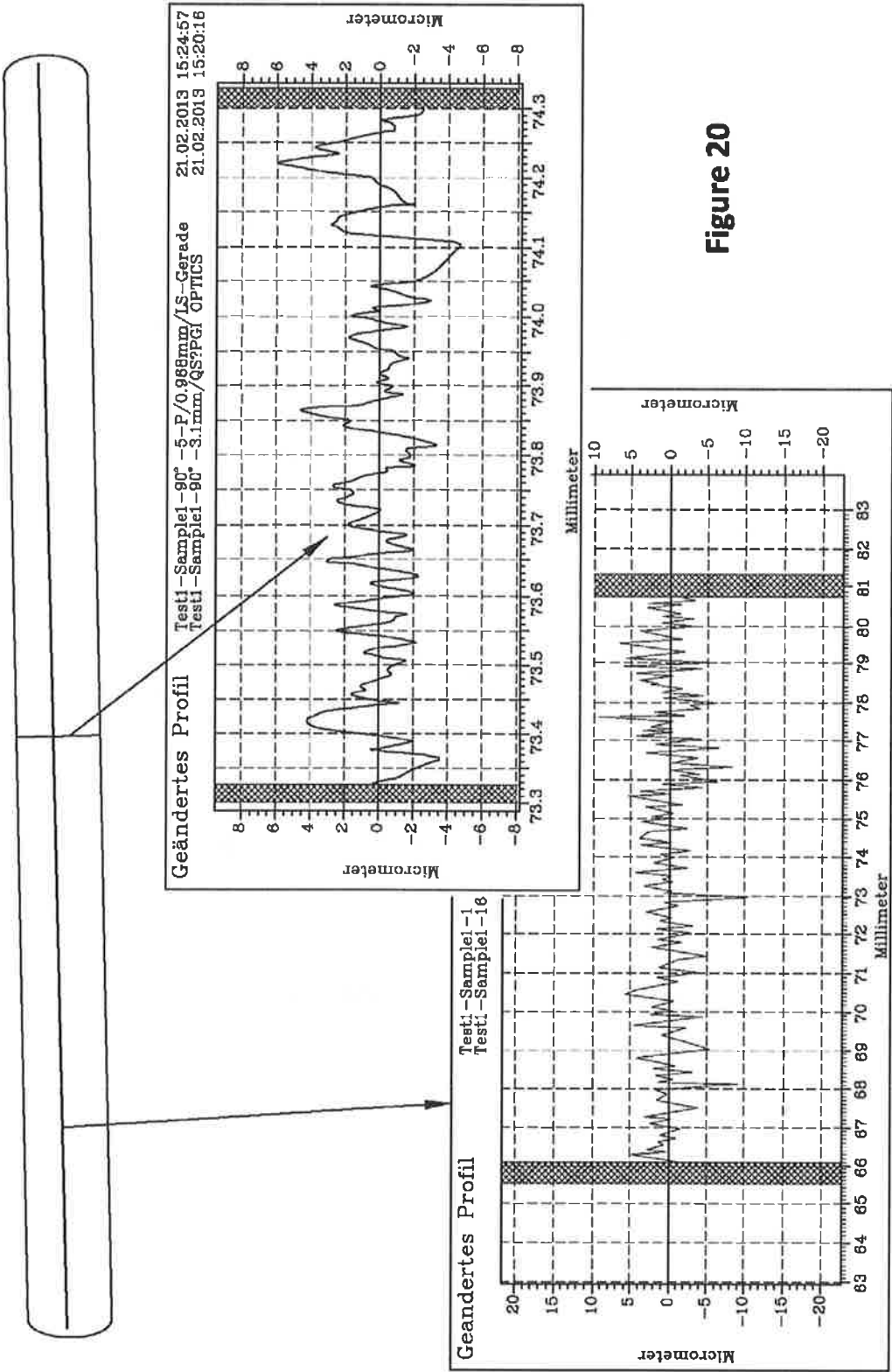


Figure 20

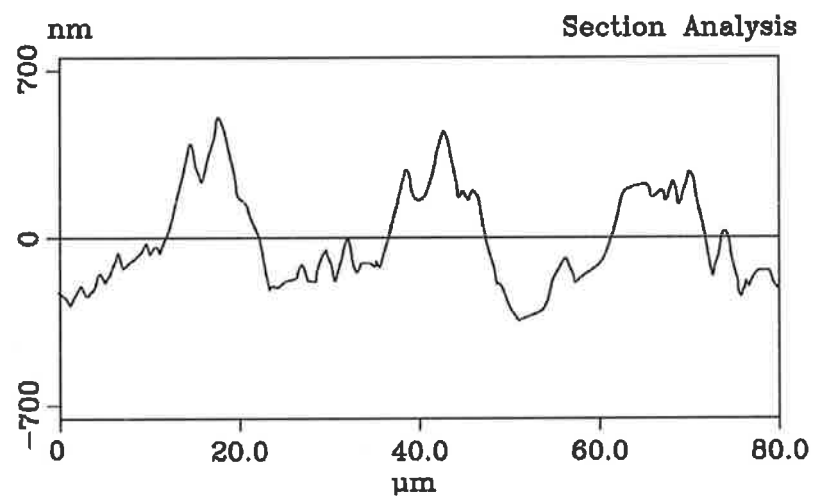


Image Statistics

Img. Rms (R_q)	197.25 nm
Img. Ra	169.45 nm

Figure 21