

1/8

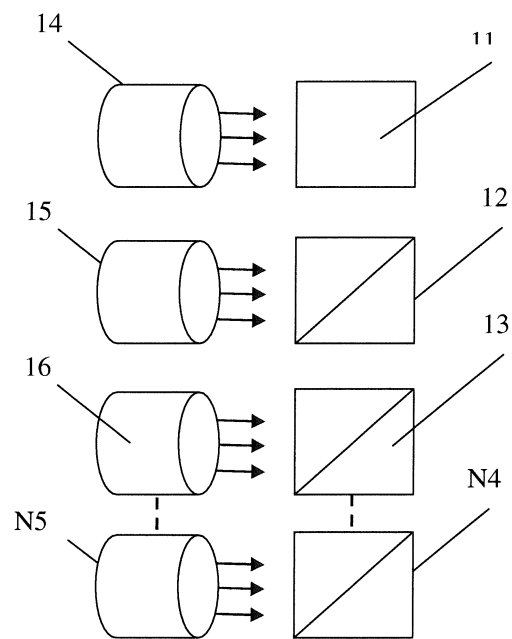
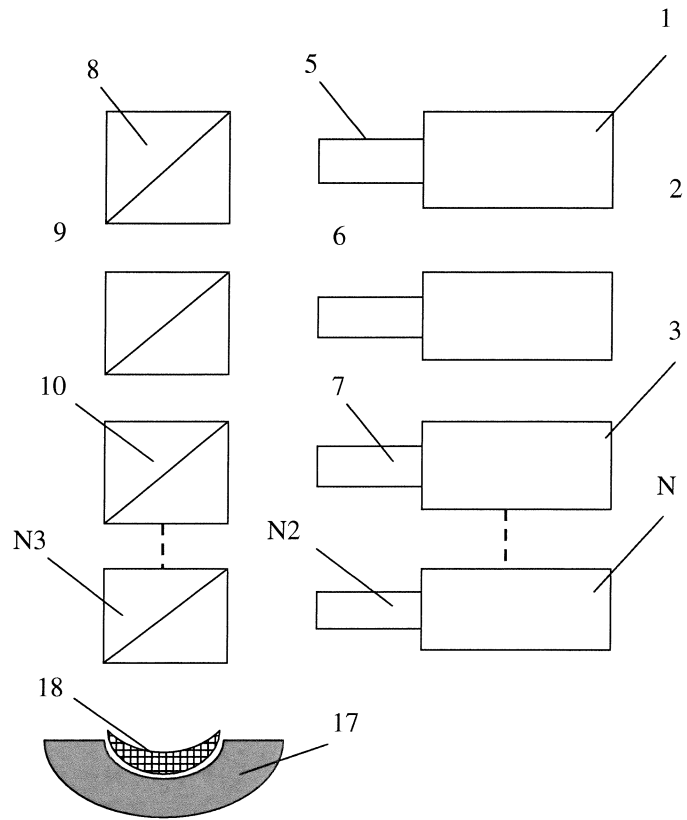


Fig.1

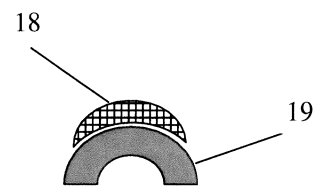


Fig.2

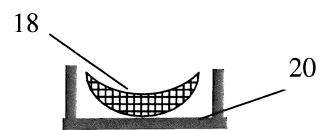


Fig.3

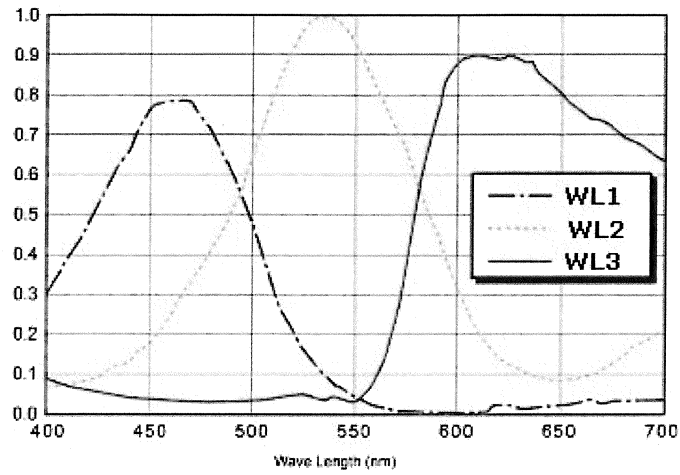


Fig.4

Defect	Illumination (650nm wavelength) WL3	Illumination (550nm wavelength) WL2	Illumination (450nm wavelength) WL1
Holder location	X		
No Lens	X		
Lens location	X		
Lens edge tracing	X		
Flip lens		X	
Bubble	X	X	X
Non circular	X	X	
Double lens edge	X		
Tear	X		
Gap	X		X
Star burst	X	X	
Residual material		X	X
Surface imperfection	X	X	
Visitint inclusion	X	X	X

Fig.5

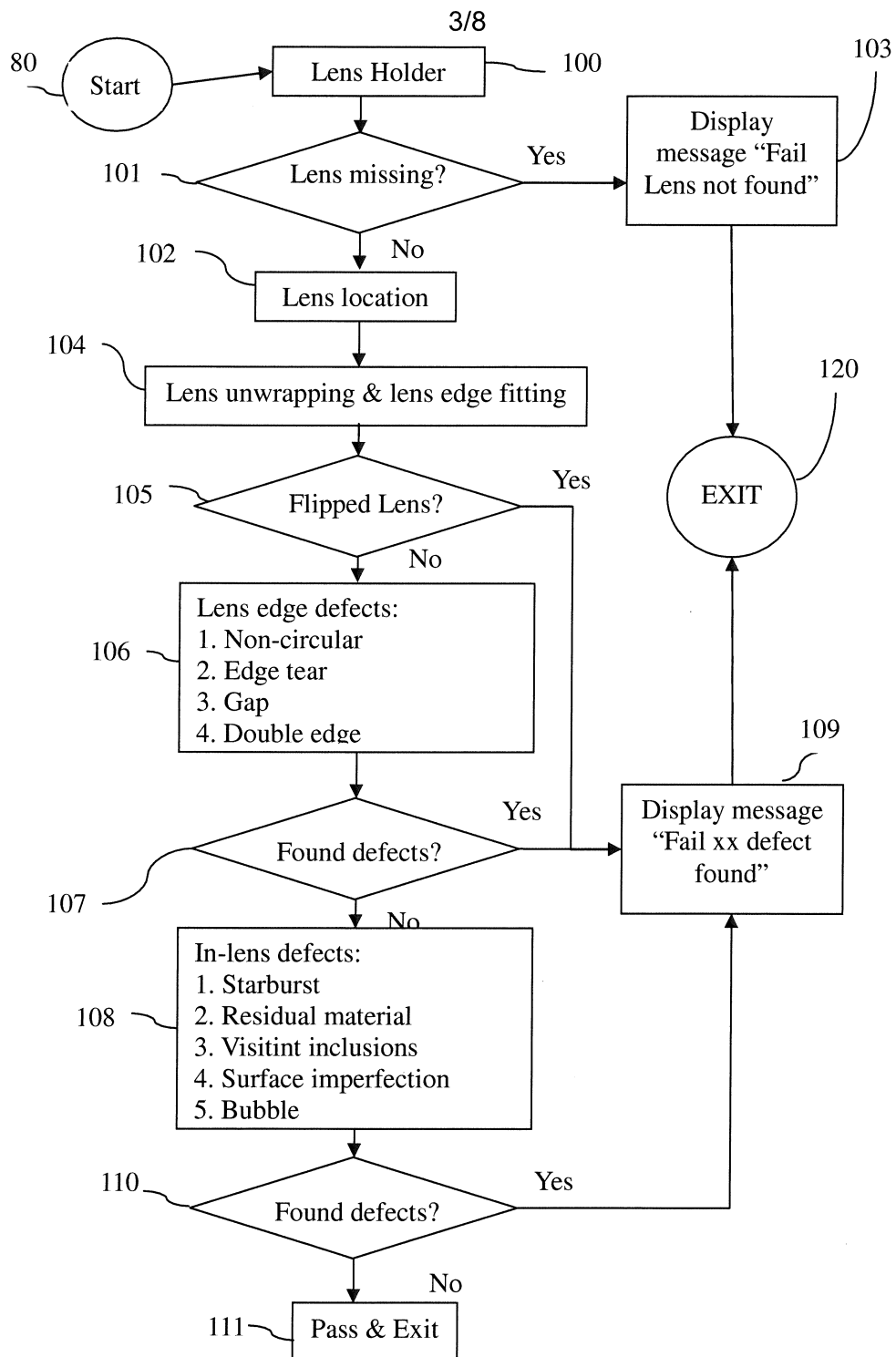


Fig.6

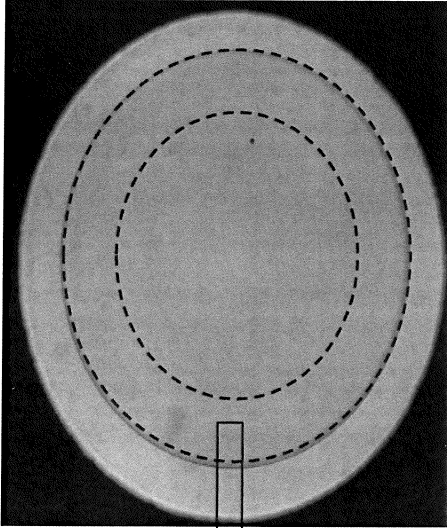


Fig.7

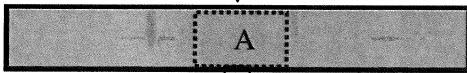


Fig8

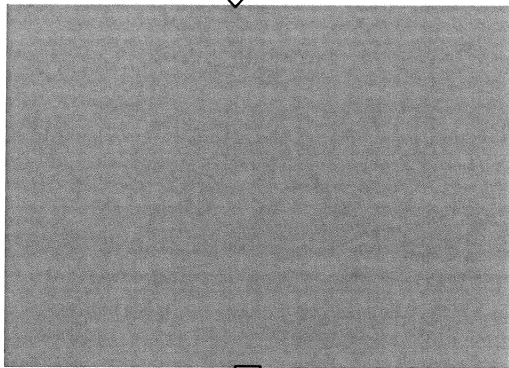


Fig.9

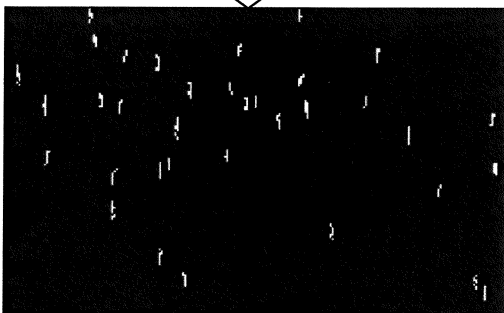


Fig.10

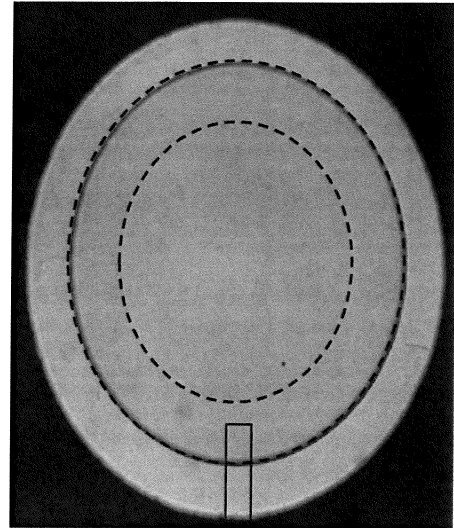


Fig11

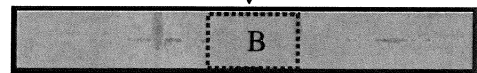


Fig.12

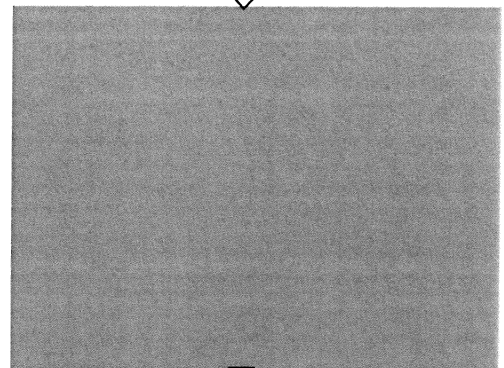


Fig13

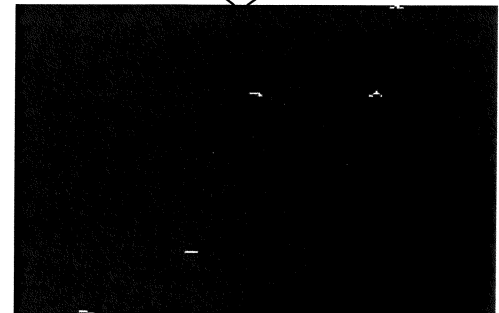


Fig14

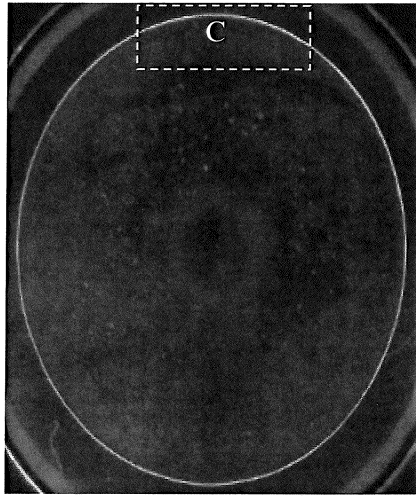


Fig.15

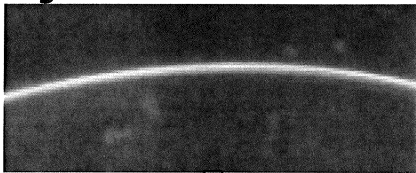


Fig.16

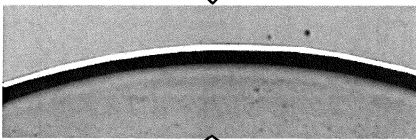


Fig.19

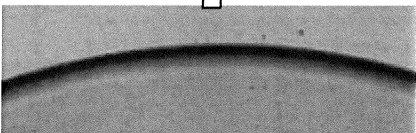


Fig.18

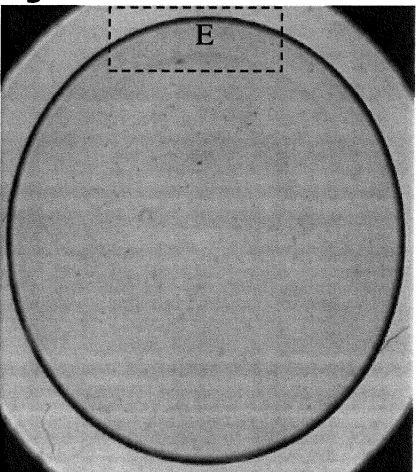


Fig.17

Dark-field image

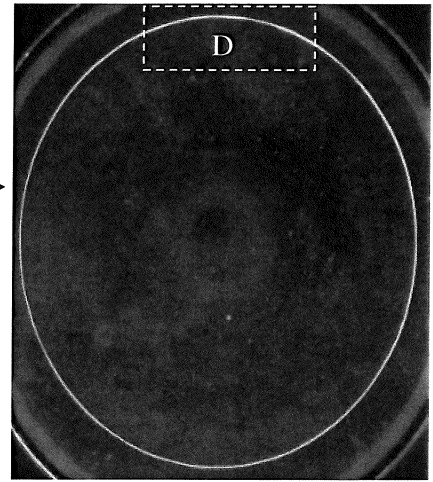


Fig.20

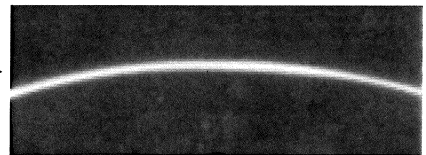


Fig.21

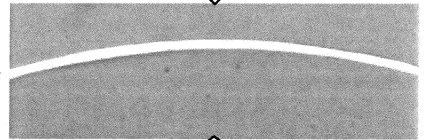


Fig.24

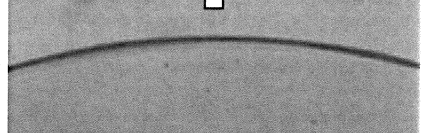


Fig.23

Overlay image

Part of Bright Field image

Bright Field image

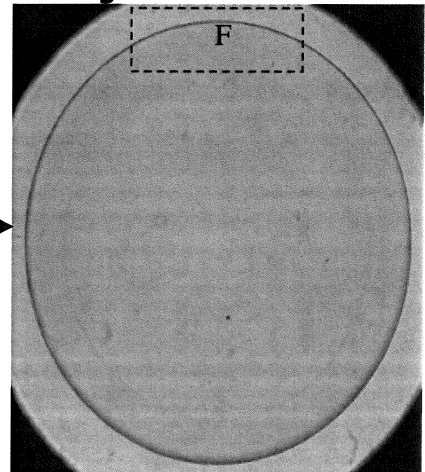


Fig.22

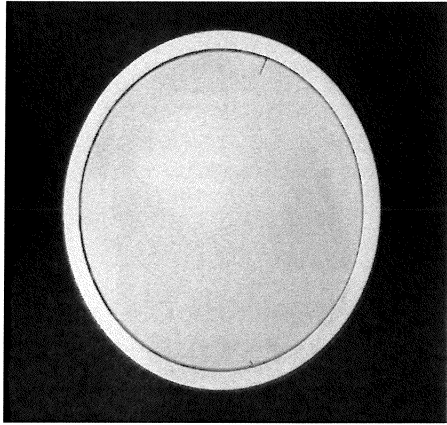


Fig.25

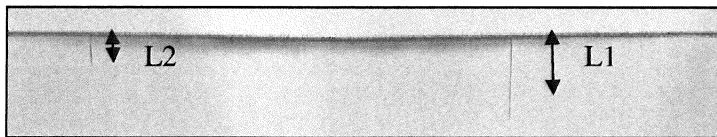


Fig.26

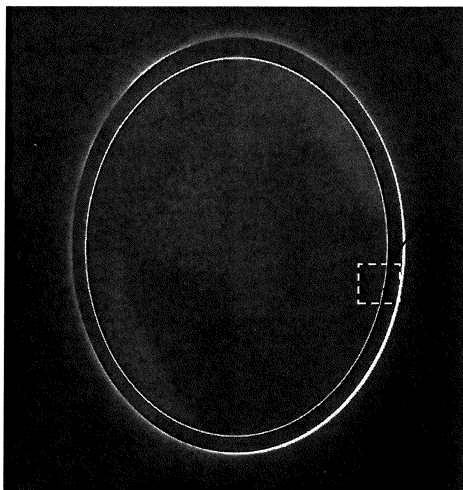


Fig.27

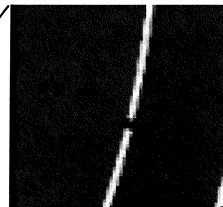


Fig.29



Fig.28

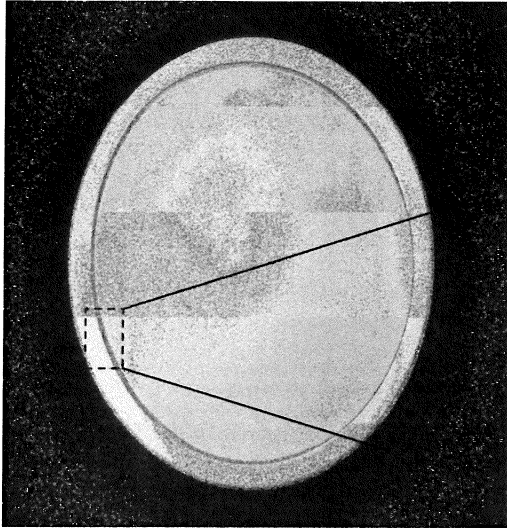


Fig.30

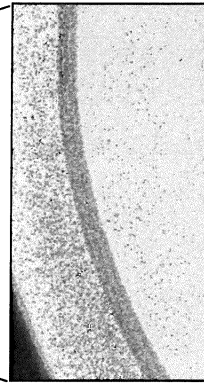


Fig.32

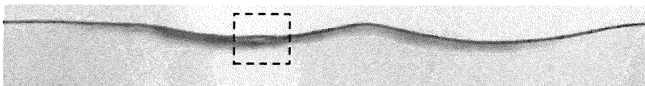


Fig.31

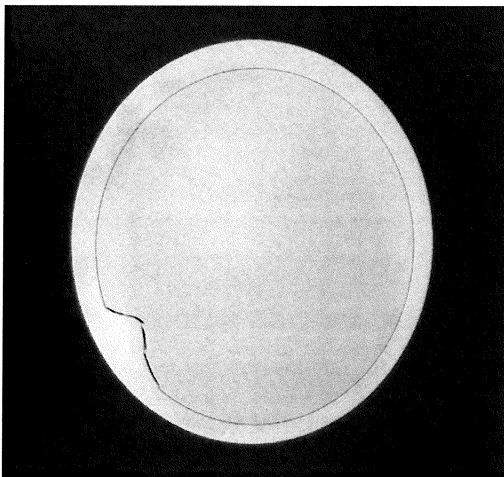


Fig.33



Fig.34

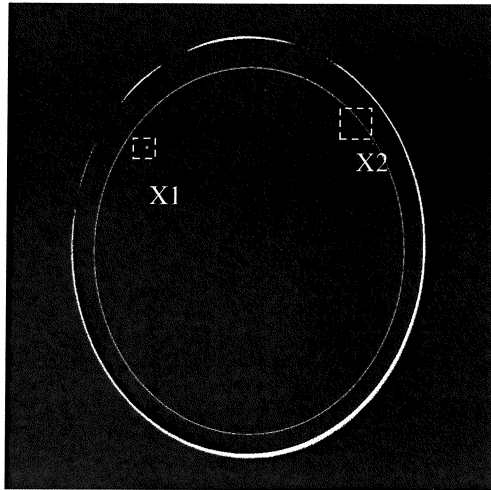
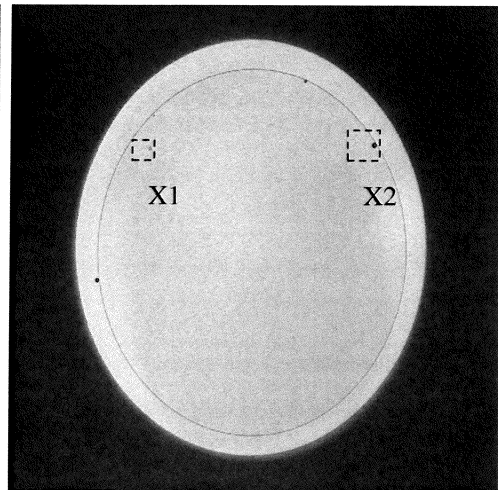
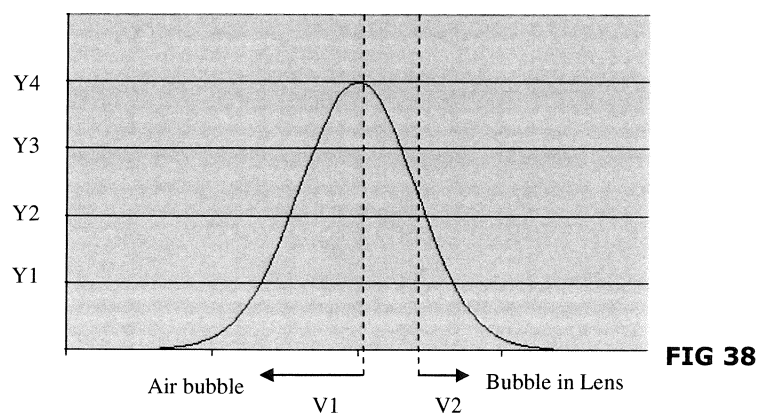
**Fig.35****Fig.36**

Image No.	1	2	3	4	5
In Lens Bubble Defect X1					
Air Bubble in Liquid X2					

Fig.37**FIG 38**