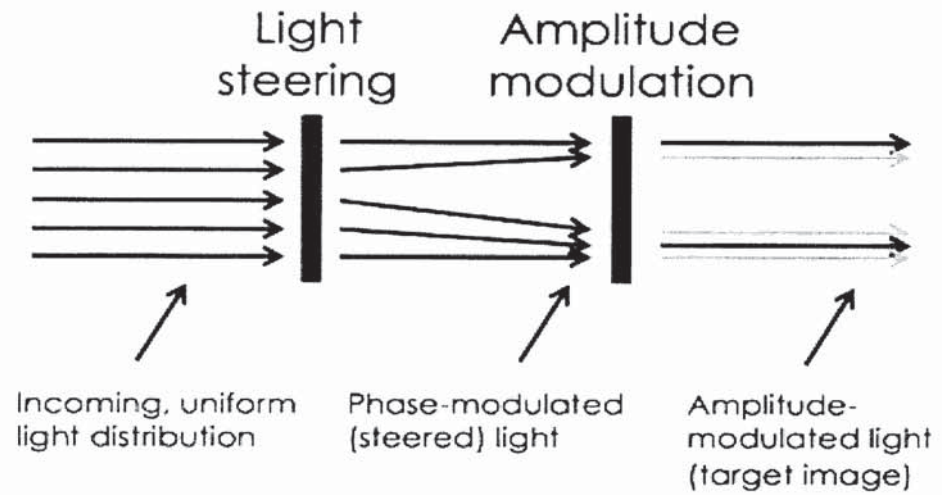
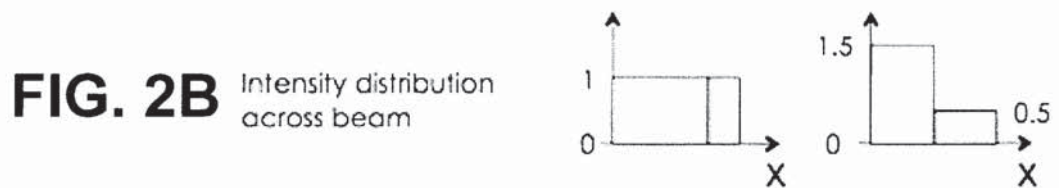
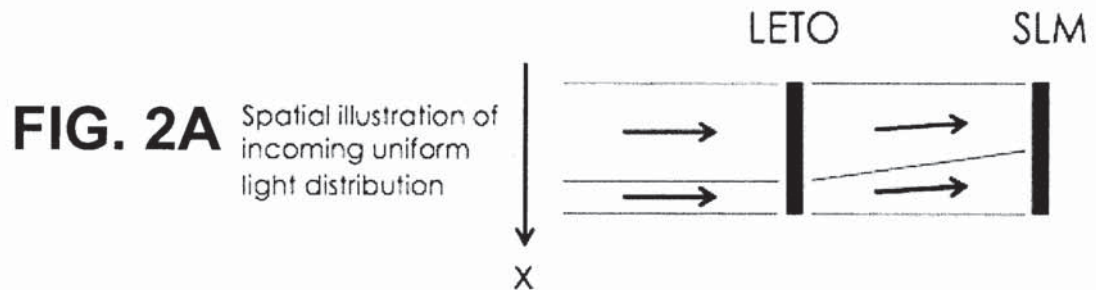


1/38

**FIG. 1**

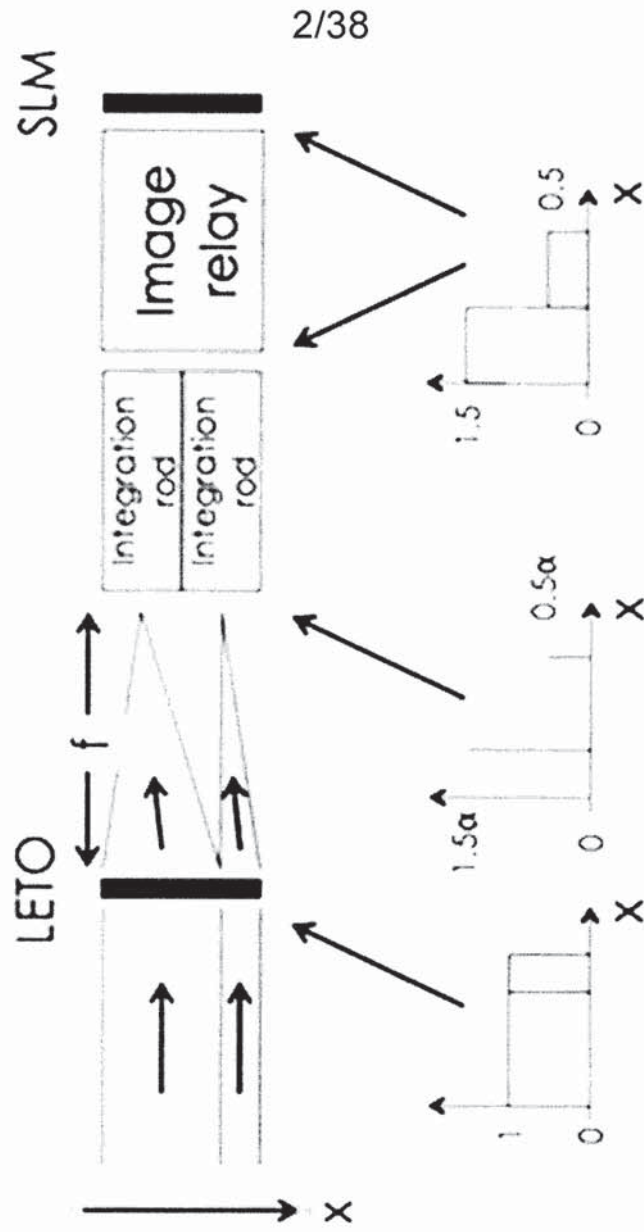
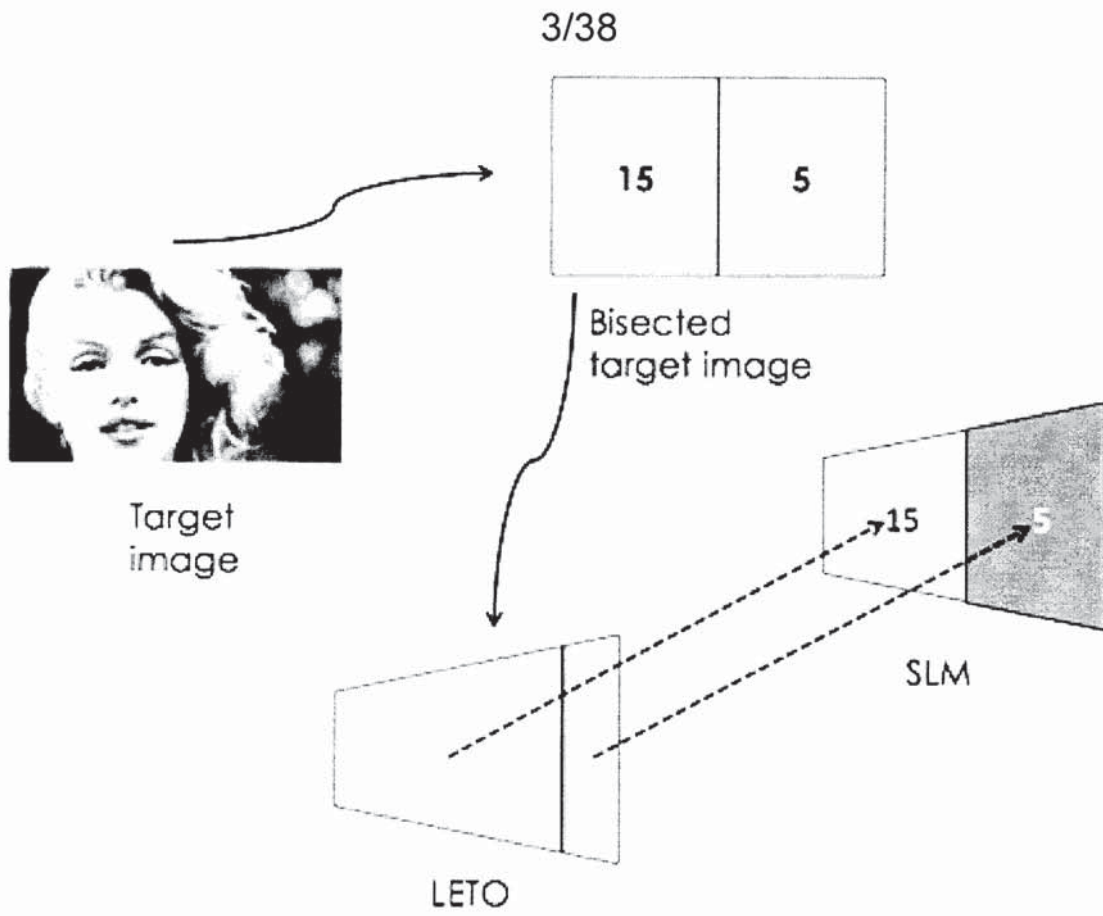
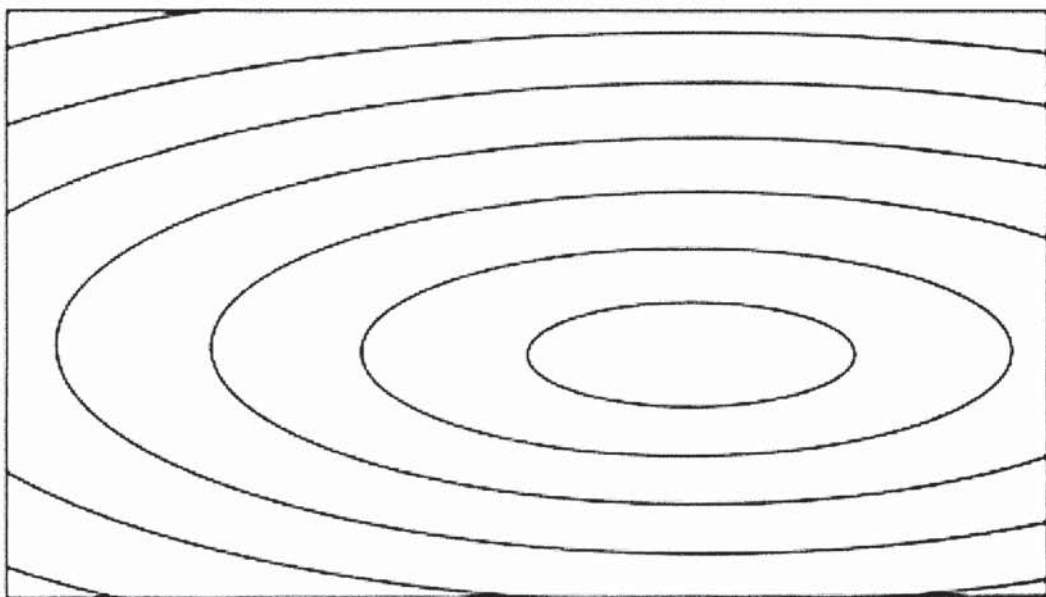
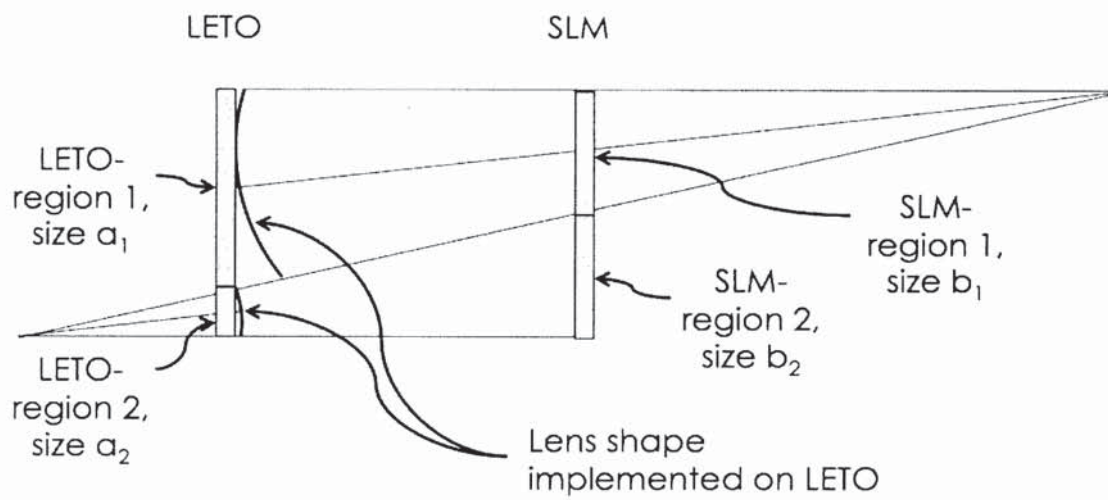
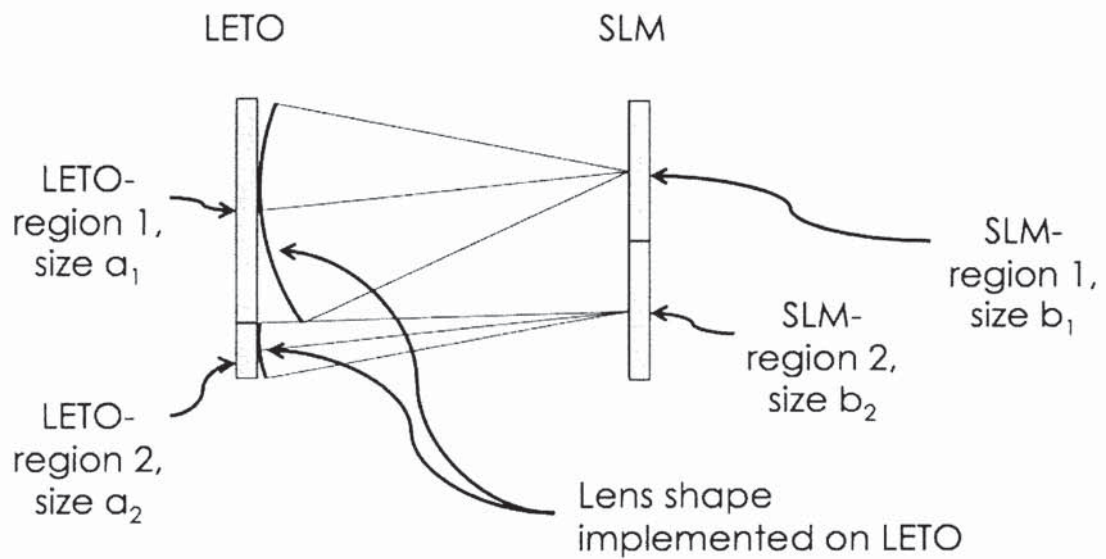


FIG. 3A Spatial illustration of incoming uniform light distribution

FIG. 3B Intensity distribution across beam

**FIG. 4****FIG. 5**

4/38

**FIG. 6A****FIG. 6B**

5/38



FIG. 7B

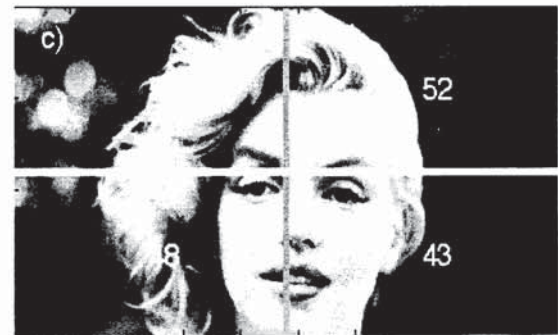


FIG. 7C

6/38

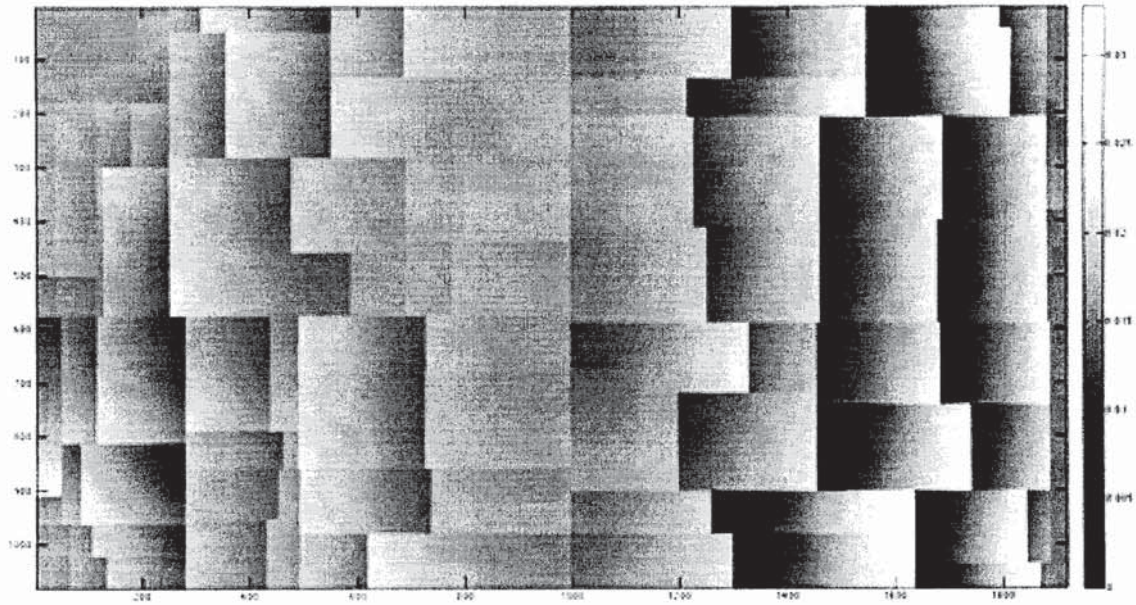


FIG. 8

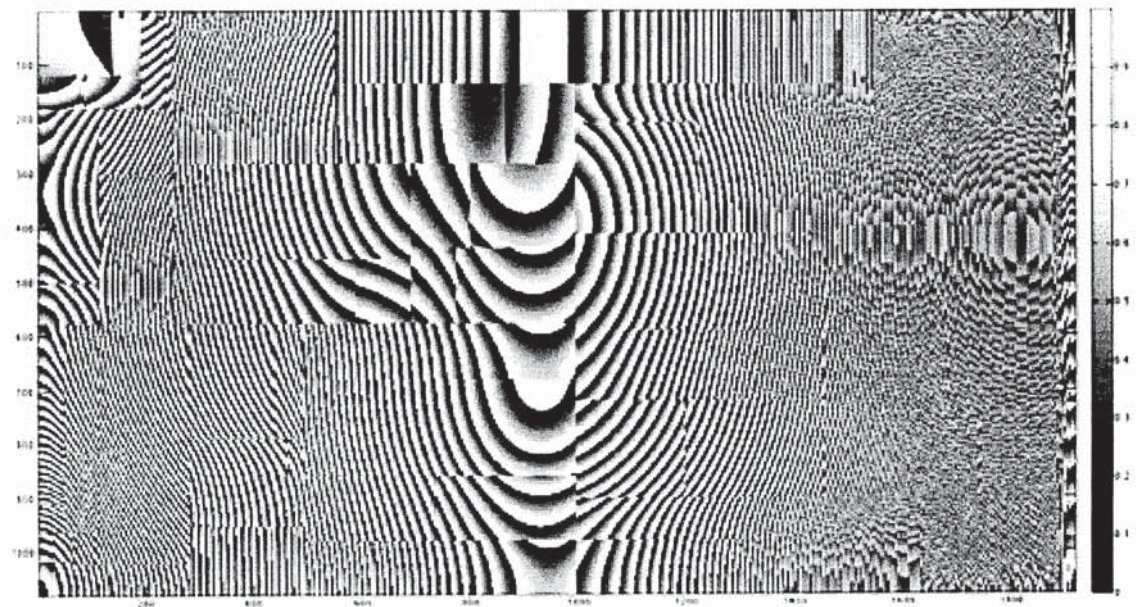


FIG. 9

7/38

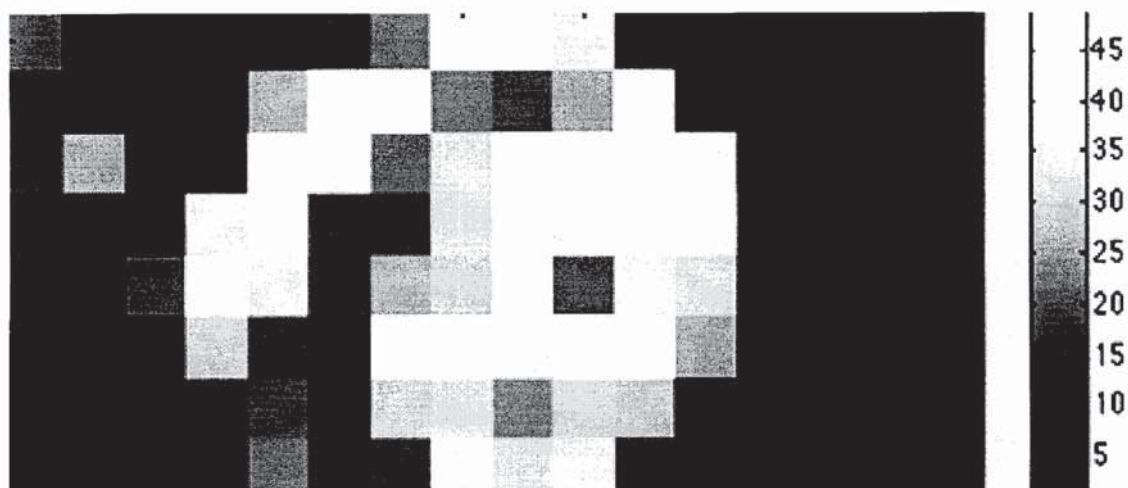


FIG. 10

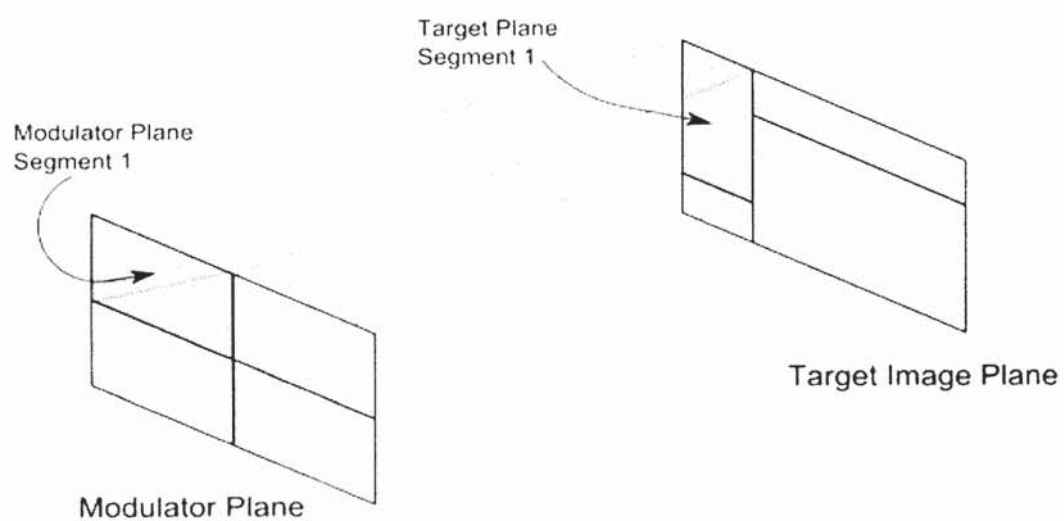
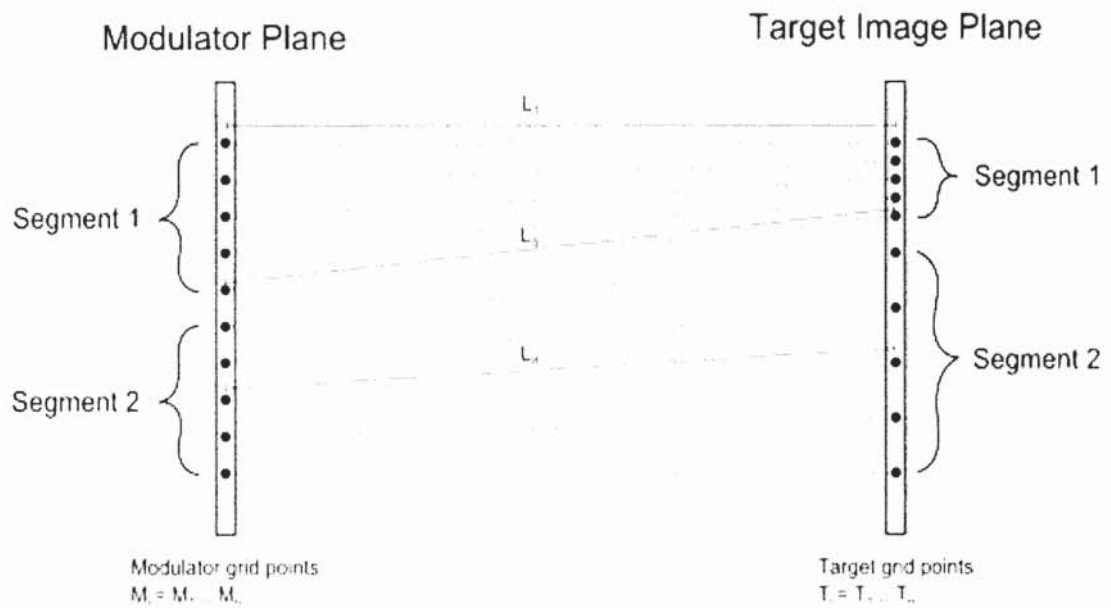
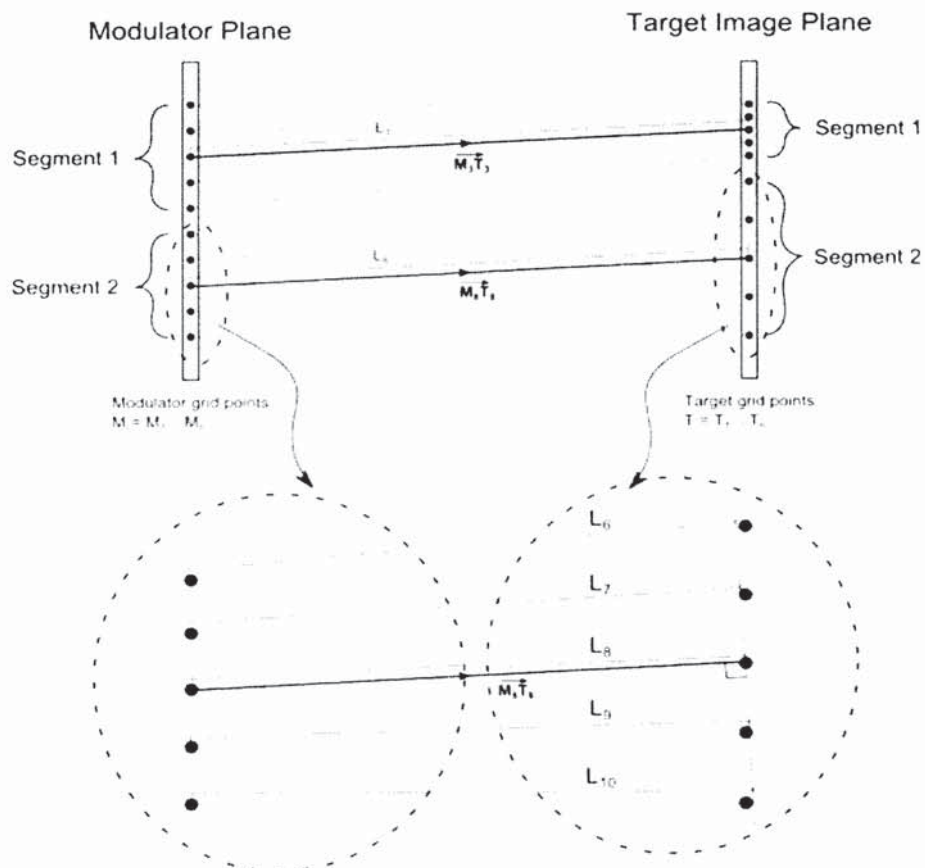
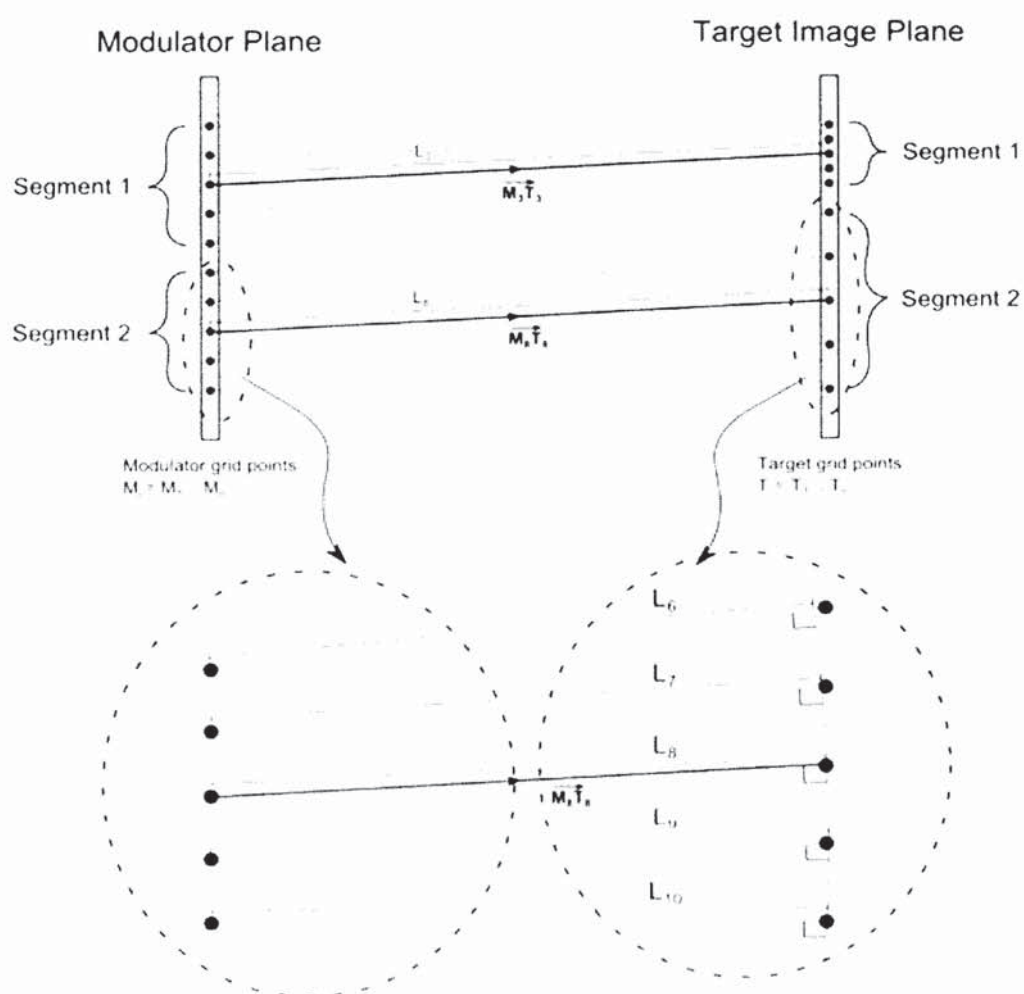


FIG. 11

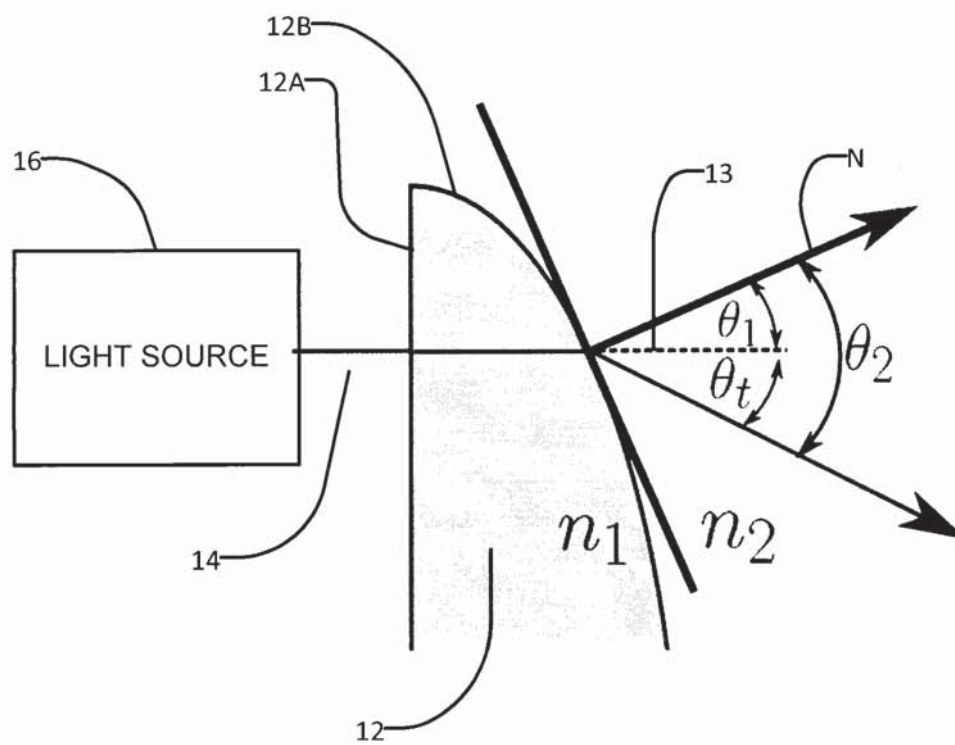
8/38

**FIG. 12****FIG. 13**

9/38

**FIG. 14**

10/38

**FIG. 15**

11/38

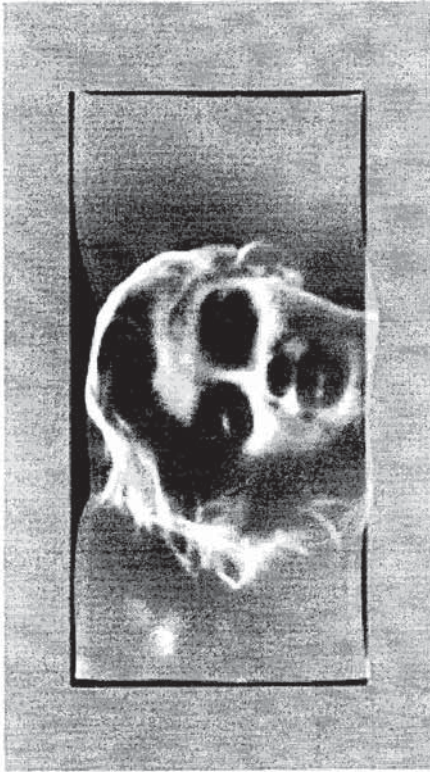


FIG. 16A Without padding

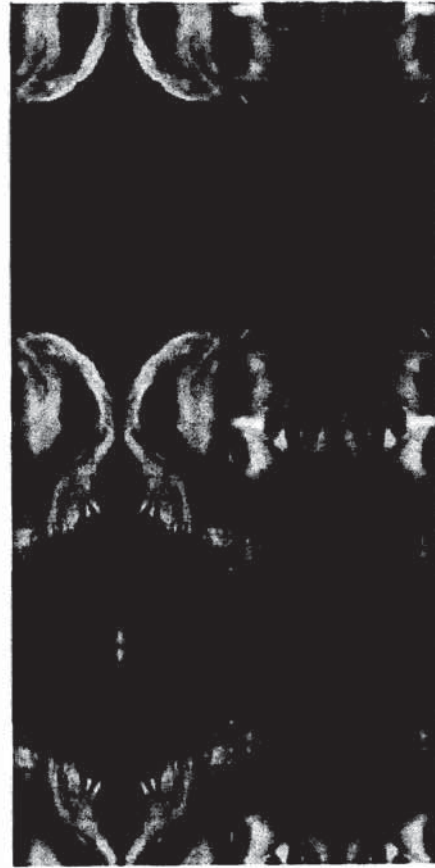


FIG. 16B Padded target



FIG. 16C Mirrored padded

12/38



FIG. 17A target



FIG. 17B $\alpha = 2.0$



FIG. 17C $\alpha = 0.2$



FIG. 17D $\alpha = 0.02$

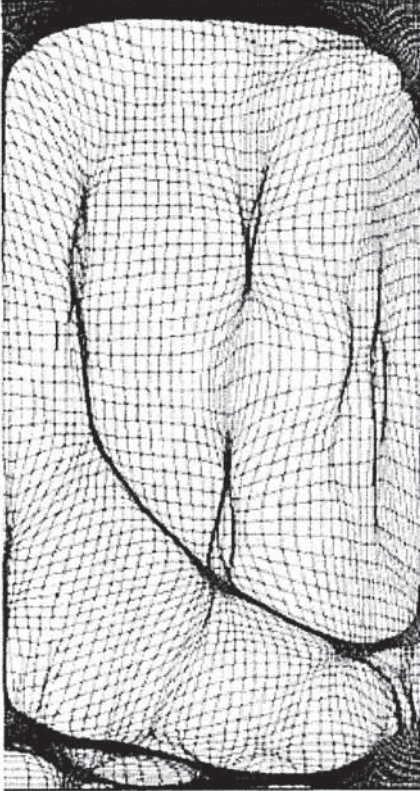


FIG. 18A unregularized point mappings

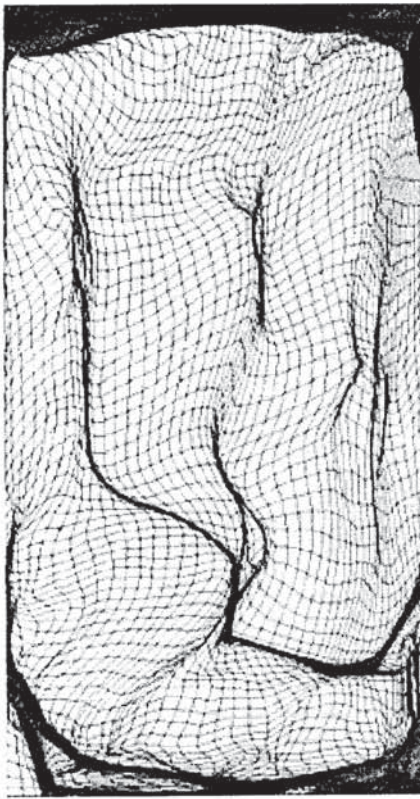


FIG. 18B regularized point mappings



FIG. 18C unregularized rendering



FIG. 18D regularized rendering

14/38

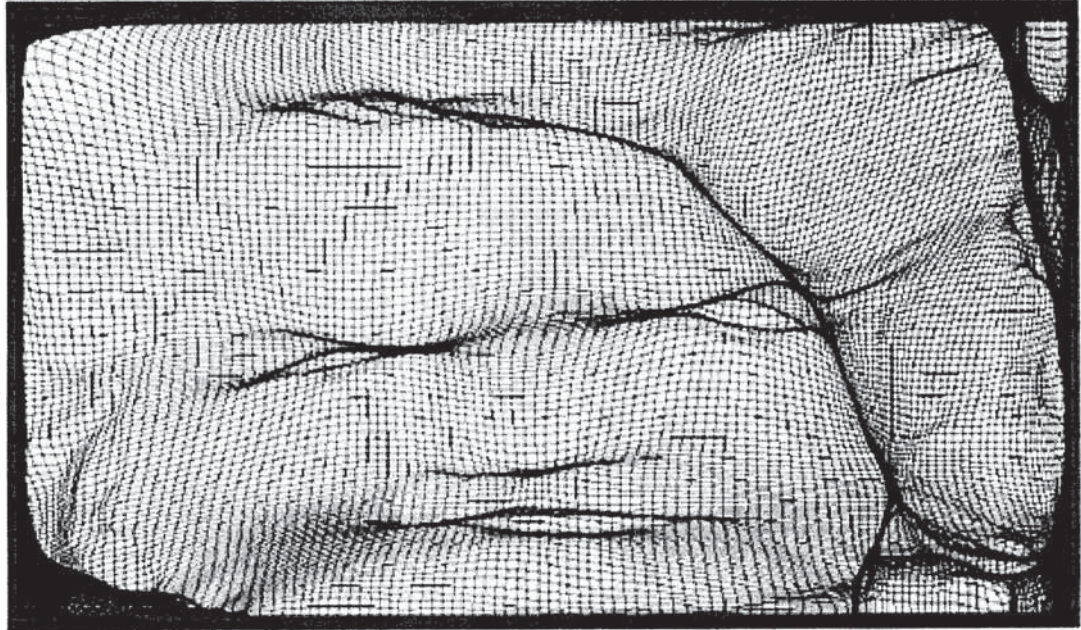


FIG. 19A Mapped point positions

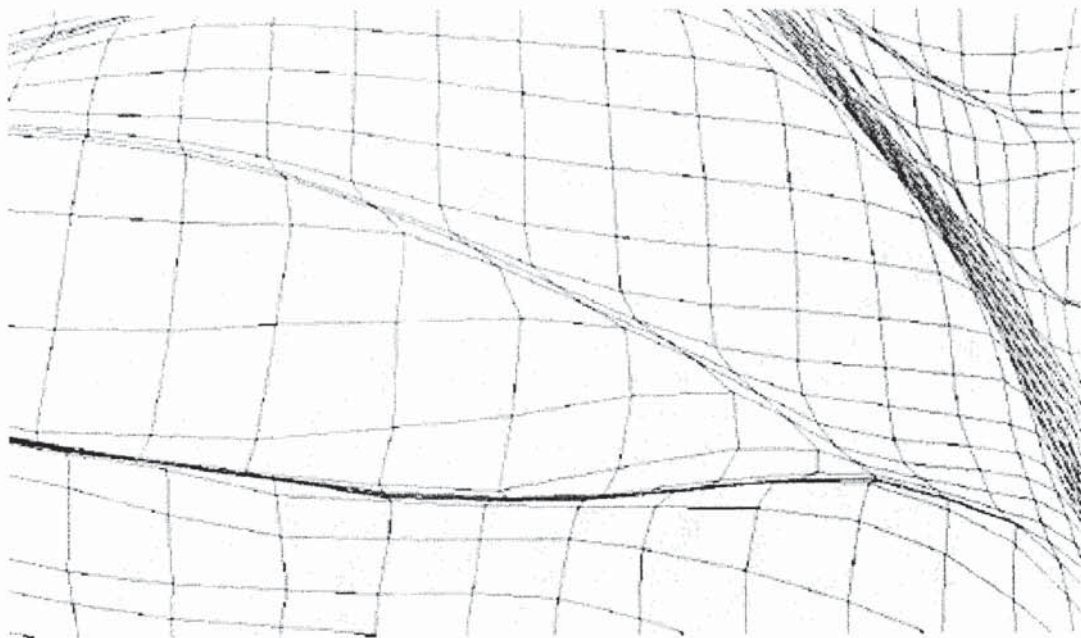


FIG. 19B Zoom into eye on right side of image

15/38

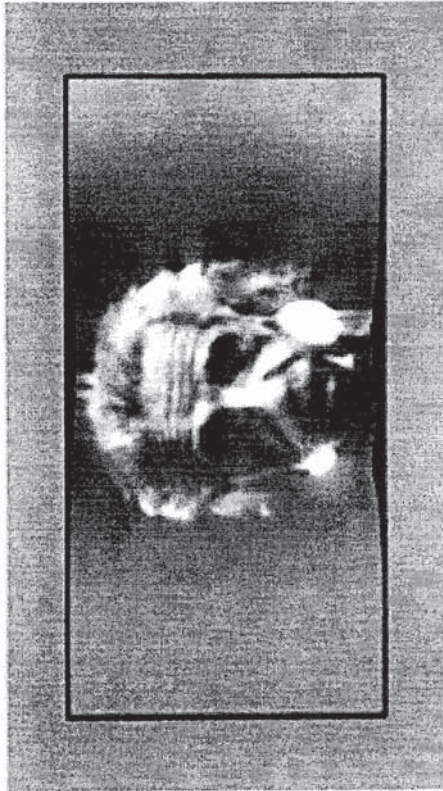


FIG. 20A Fourier



FIG. 20B Area-Parameterization

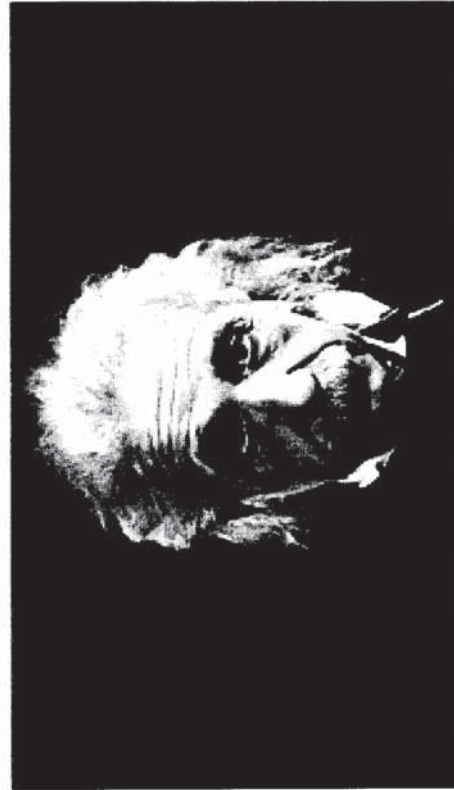


FIG. 20C target

16/38

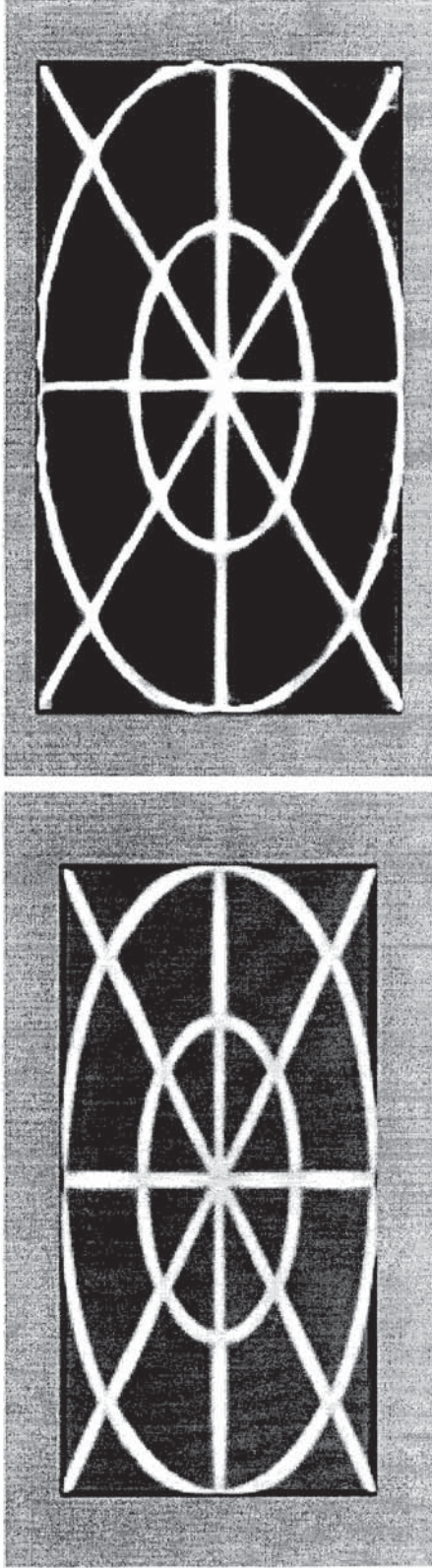


FIG. 21A Deburring

FIG. 21B Area-Parameterization



FIG. 21C target

17/38

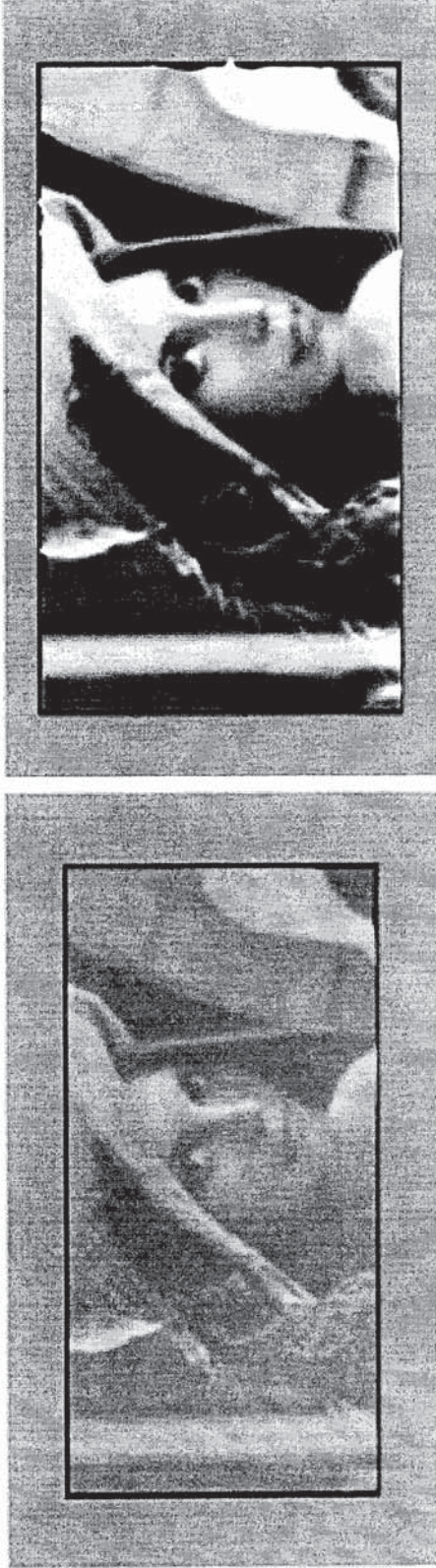


FIG. 22A Deblurring **FIG. 22B** Area-Parameterization



FIG. 22C target

18/38



FIG. 23A Deblurring



FIG. 23B Area-Parameterization



FIG. 23C target

19/38



FIG. 24A Deblurring

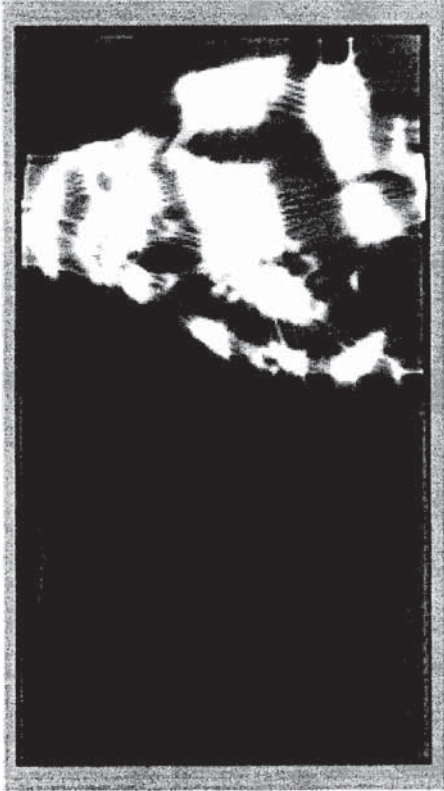


FIG. 24B Area-Parameterization



FIG. 24C target

20/38



FIG. 25A Scale 0.125



FIG. 25B Scale 0.25



FIG. 25C Scale 0.5



FIG. 25D Scale 1.0



FIG. 25E target

21/38



FIG. 26A $\beta = 0.1$

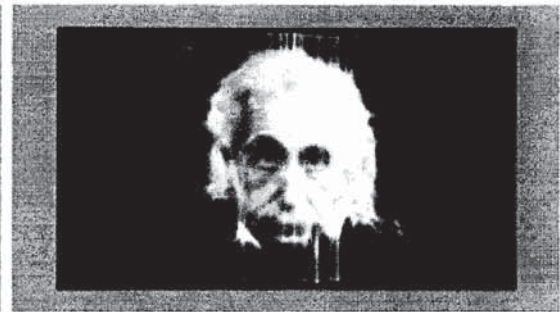


FIG. 26B $\beta = 1.0$



FIG. 26C $\beta = 10.0$

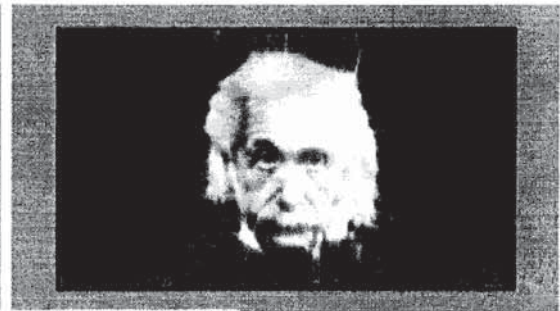


FIG. 26D $\beta = 100.0$

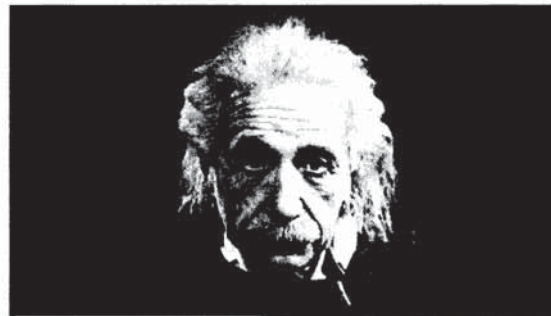


FIG. 26E target

22/38



FIG. 27A $\alpha = 0.001$



FIG. 27B $\alpha = 0.01$



FIG. 27C $\alpha = 0.1$



FIG. 27D $\alpha = 1.0$



FIG. 27E target

23/38



FIG. 28A $\epsilon = 0.001$



FIG. 28B $\epsilon = 0.01$



FIG. 28C $\epsilon = 0.1$

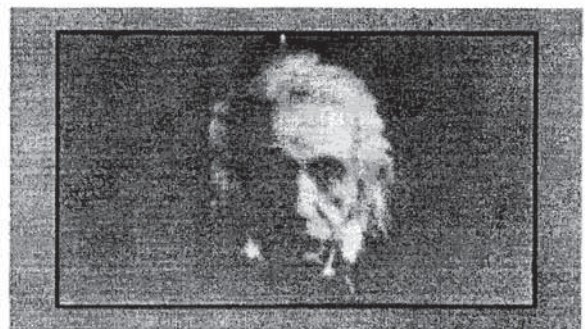


FIG. 28D $\epsilon = 1.0$

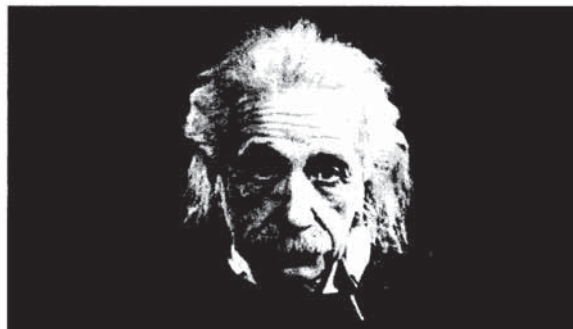


FIG. 28E target

24/38



FIG. 29A target

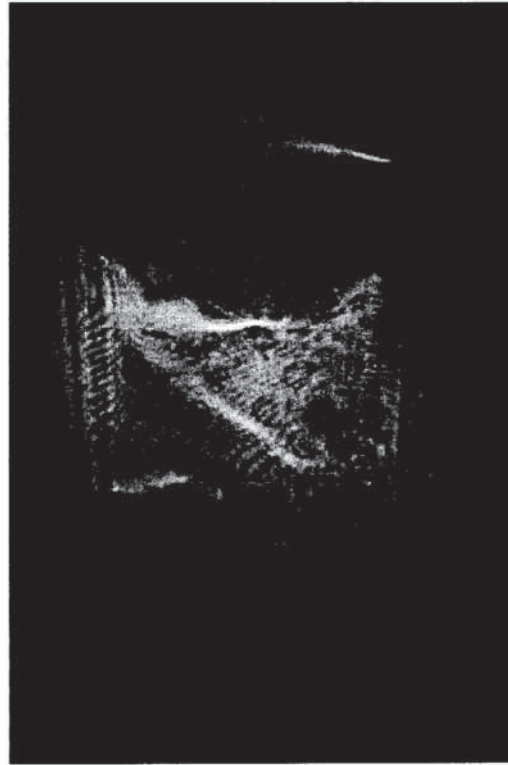


FIG. 29B b) Paraxial Deblurring



FIG. 29C Area-Parameterization

25/38



FIG. 30A target

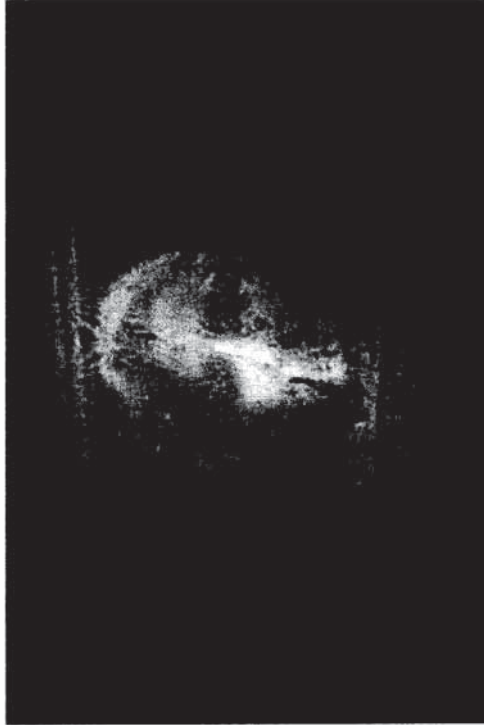


FIG. 30B Paraxial Deblurring



FIG. 30C Area-Parameterization

26/38



FIG. 31A target



FIG. 31B Paraxial Deblurring

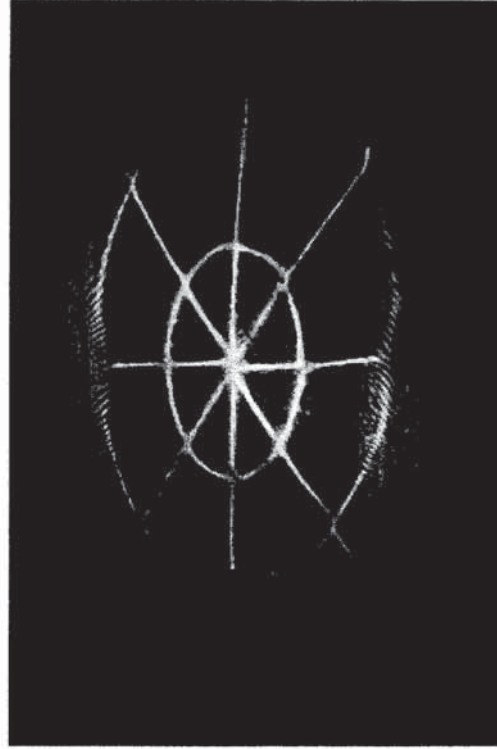


FIG. 31C Area-Parameterization



FIG. 32A target

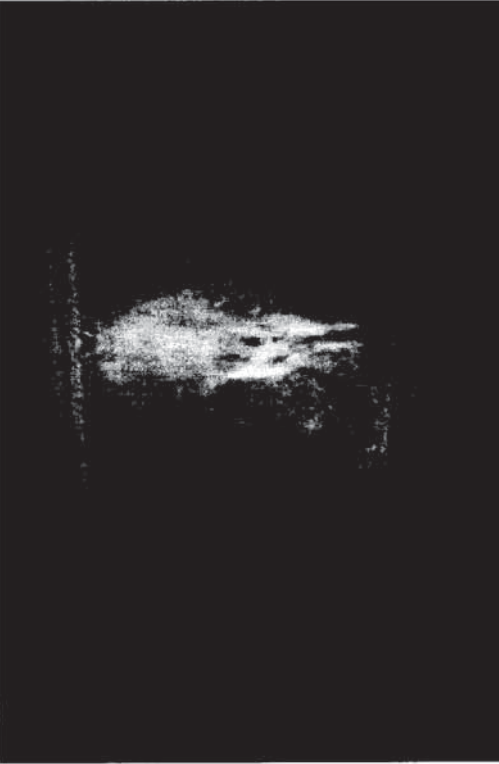


FIG. 32B Paraxial Deblurring



FIG. 32C Area-Parameterization

28/38

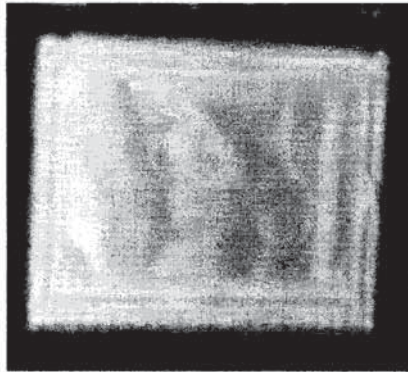


FIG. 33A lena area

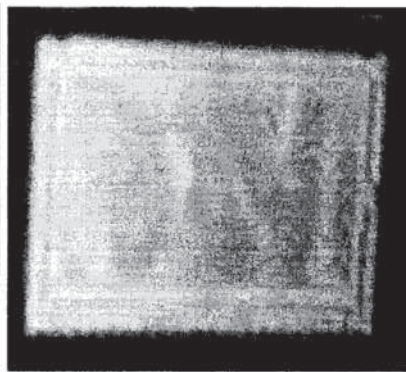


FIG. 33B lena paraxial

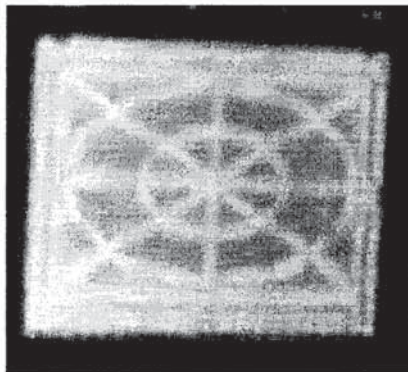


FIG. 33C fram-ref area

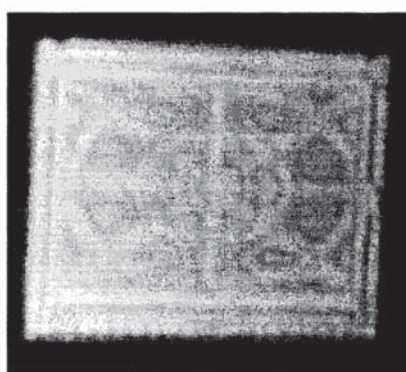


FIG. 33D fram-ref paraxial

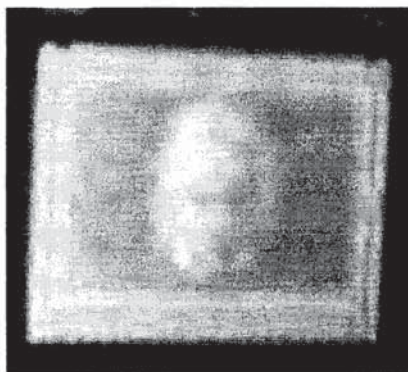


FIG. 33E einstein area

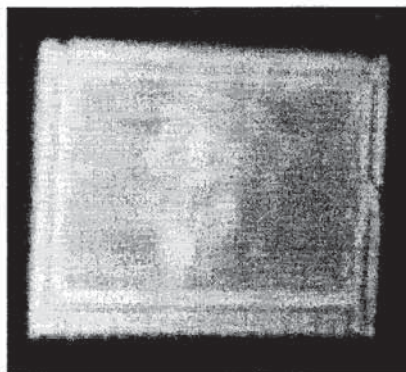


FIG. 33F einstein paraxial

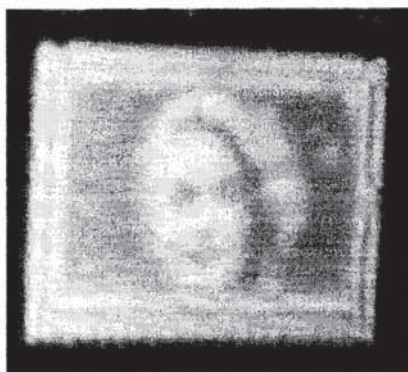


FIG. 33G marilyn area

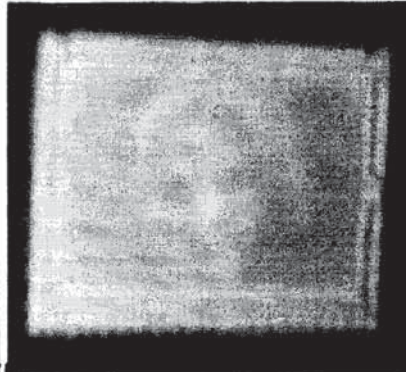


FIG. 33H marilyn paraxial

29/38



FIG. 34A lena



FIG. 34B fram-ref



FIG. 34C marilyn



FIG. 34D einstein

30/38



FIG. 35B Area-Parameterization



FIG. 35A target

31/38

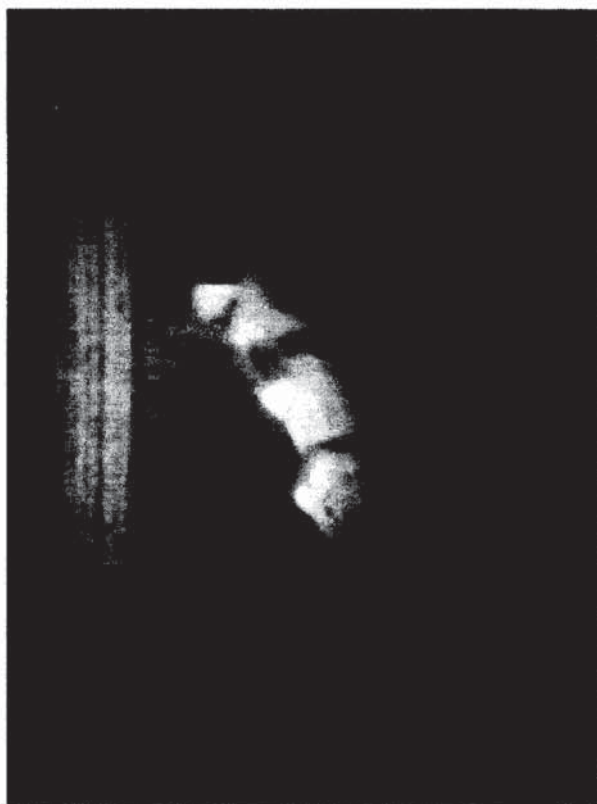


FIG. 36B Area-Parameterization

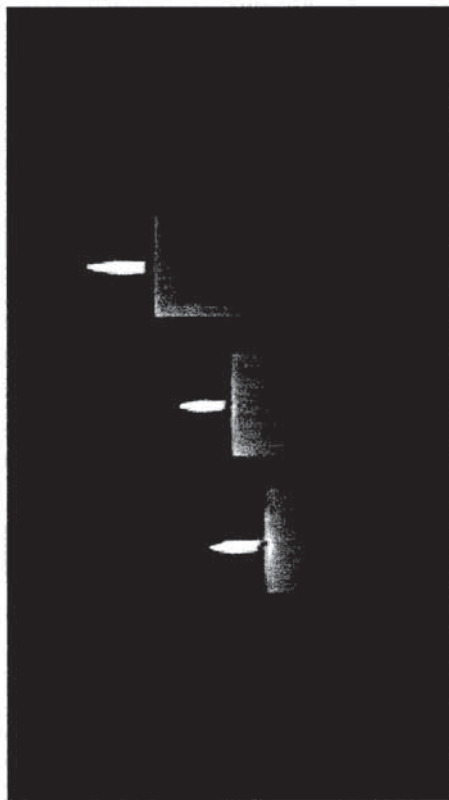


FIG. 36A target

32/38

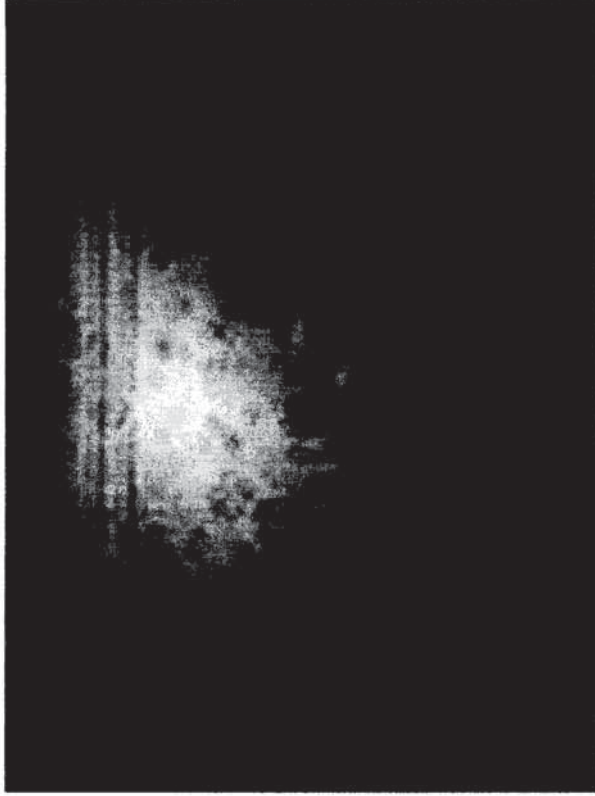


FIG. 37B Area-Parameterization

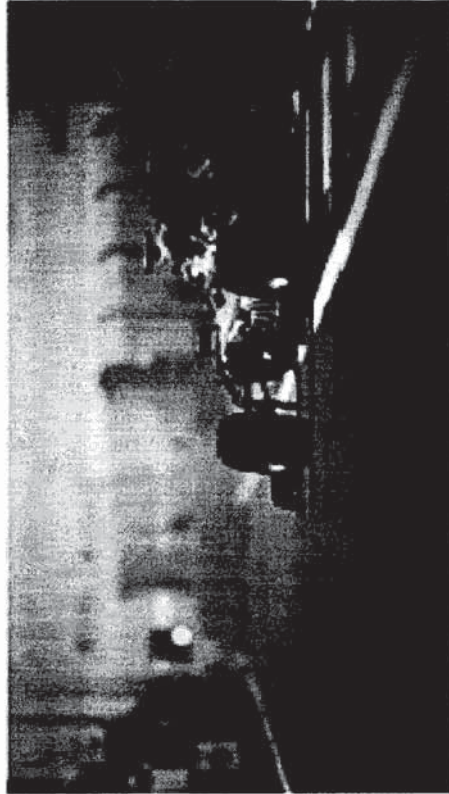


FIG. 37A target

33/38

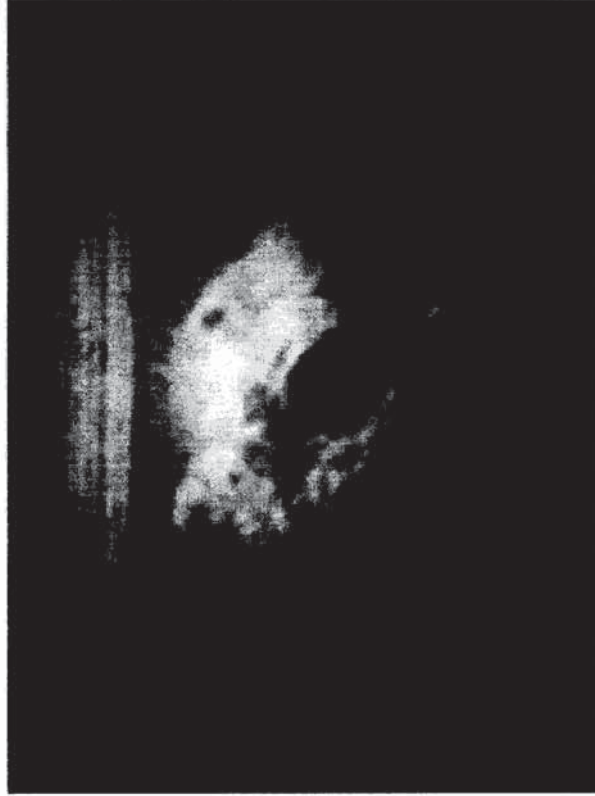


FIG. 38B Area-Parameterization



FIG. 38A target

34/38



FIG. 39B Area-Parameterization



FIG. 39A target

35/38

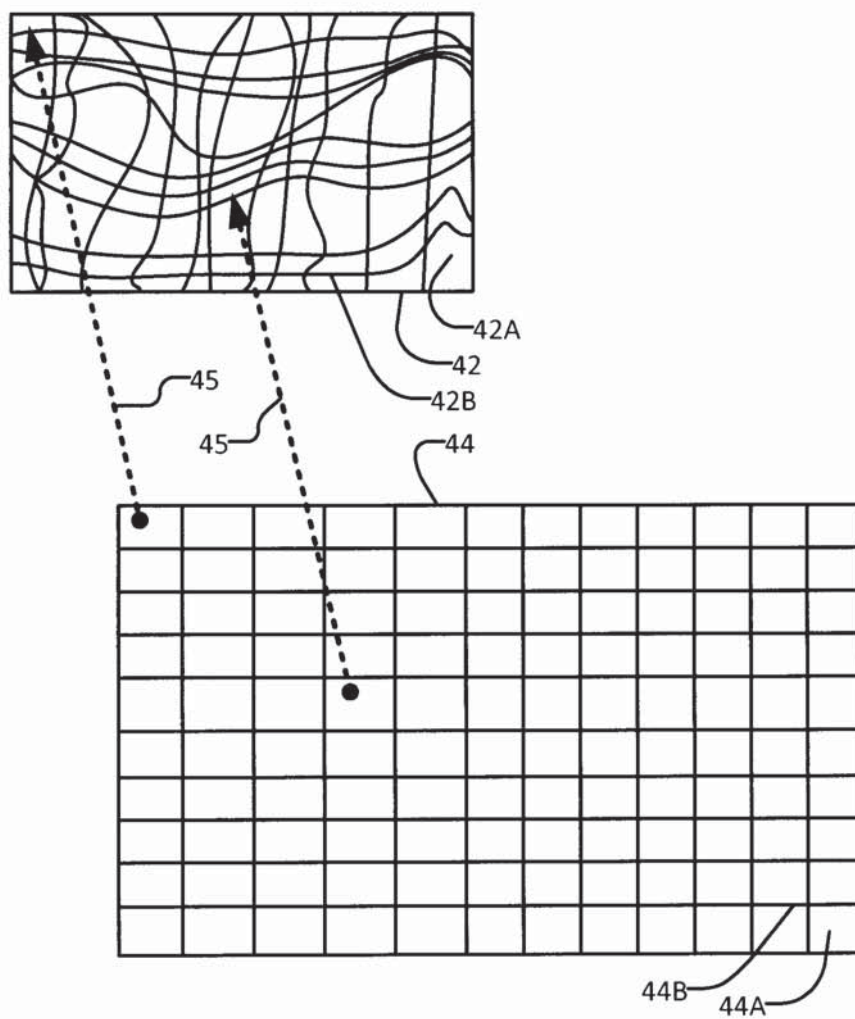
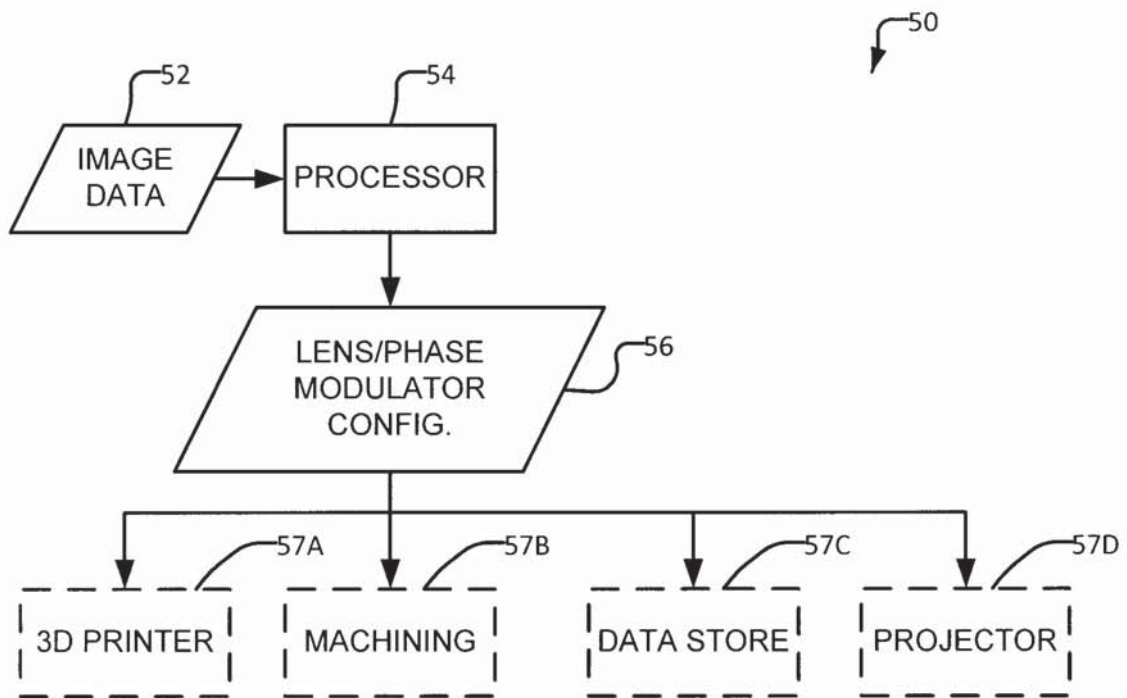
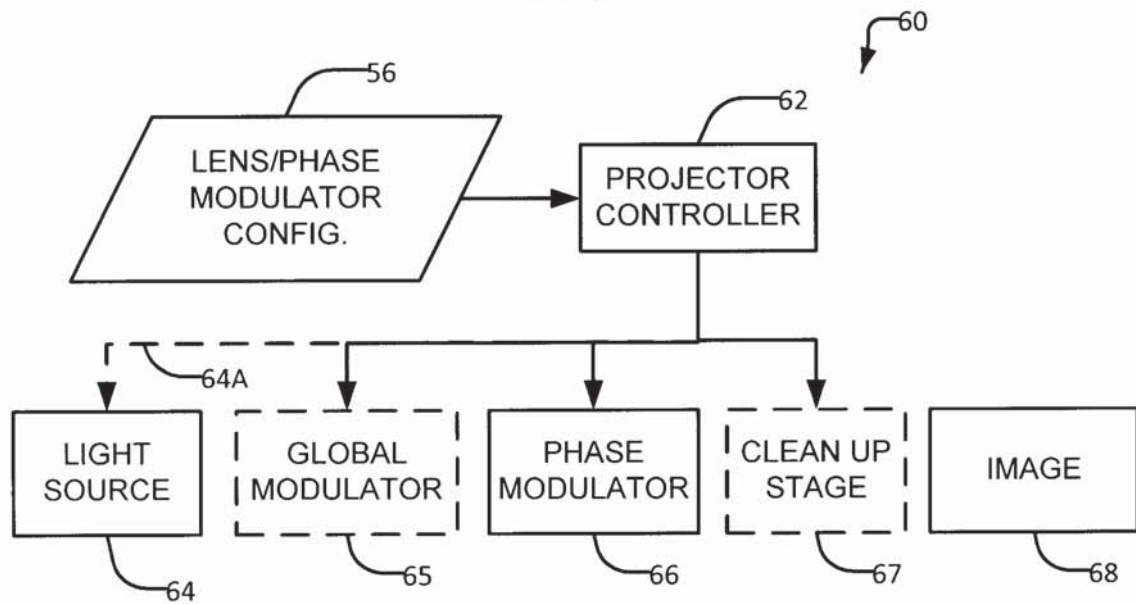
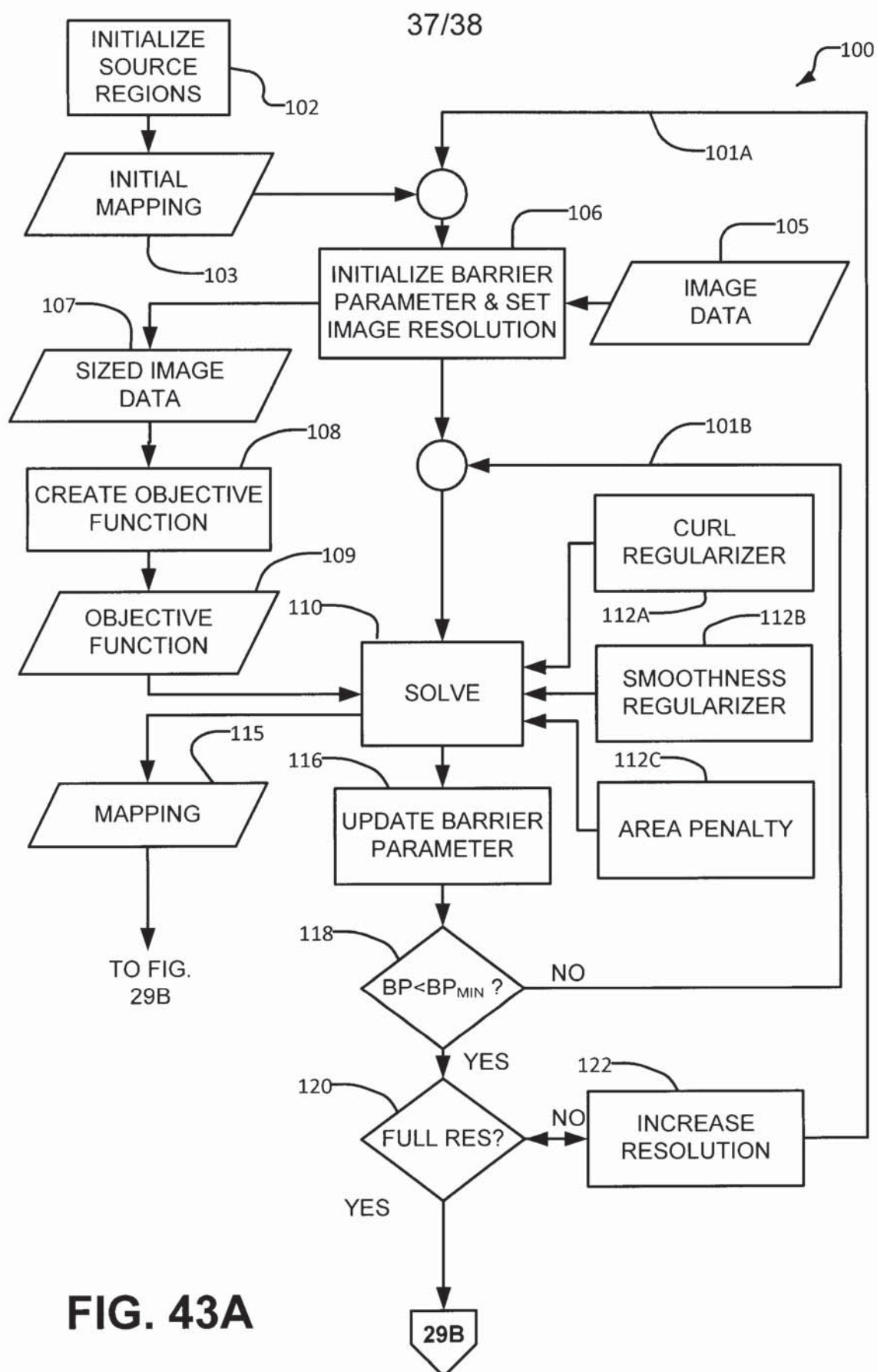


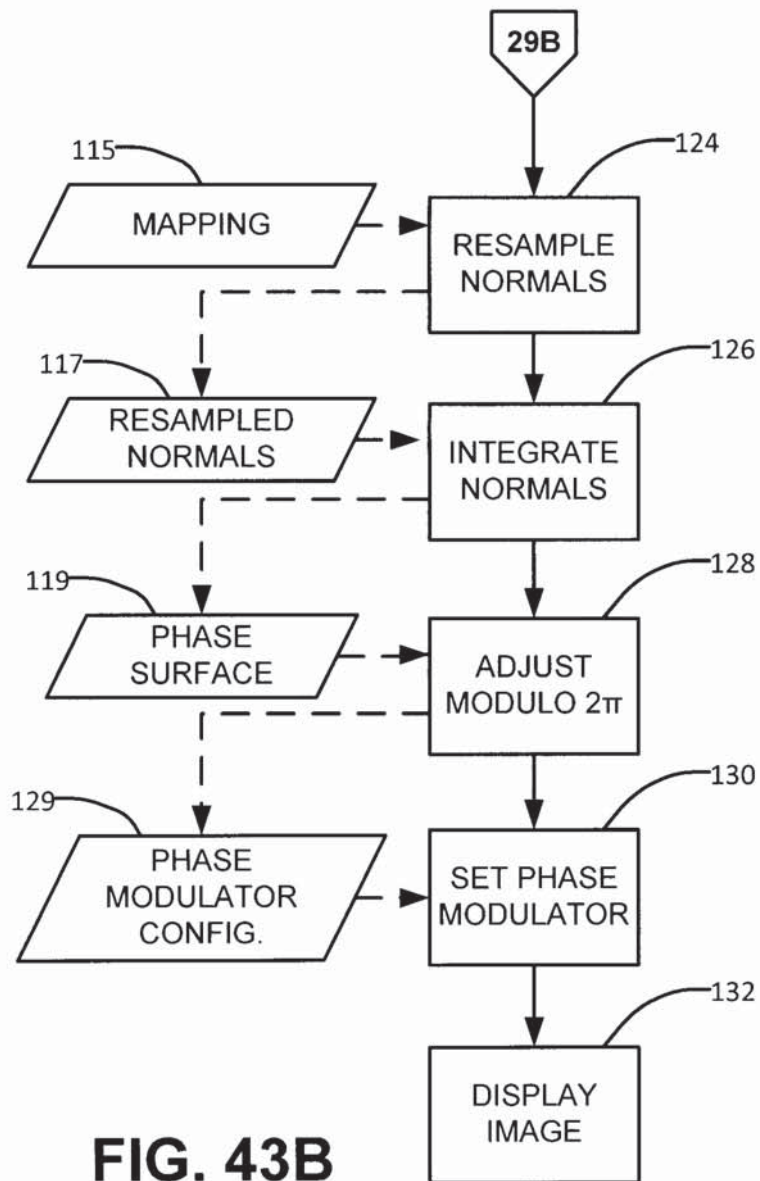
FIG. 40

36/38

**FIG. 41****FIG. 42**



38/38

**FIG. 43B**