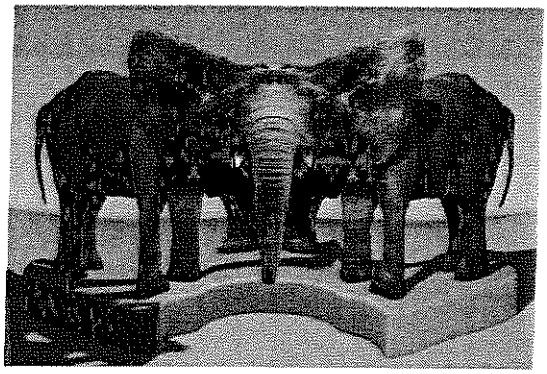


Fig. 1

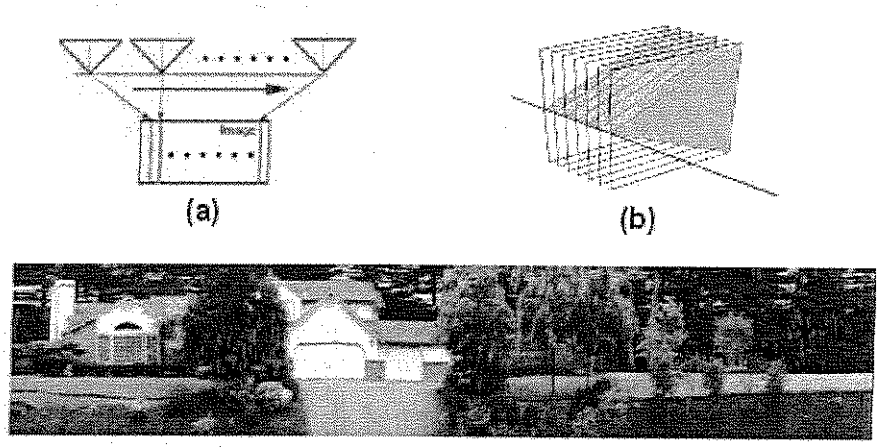


Fig. 2

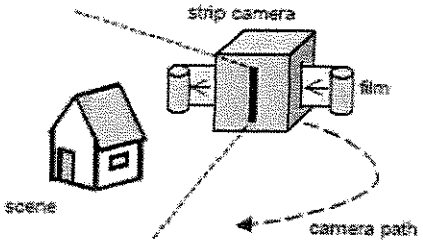

strip camera
film
scene
camera path

Fig. 3

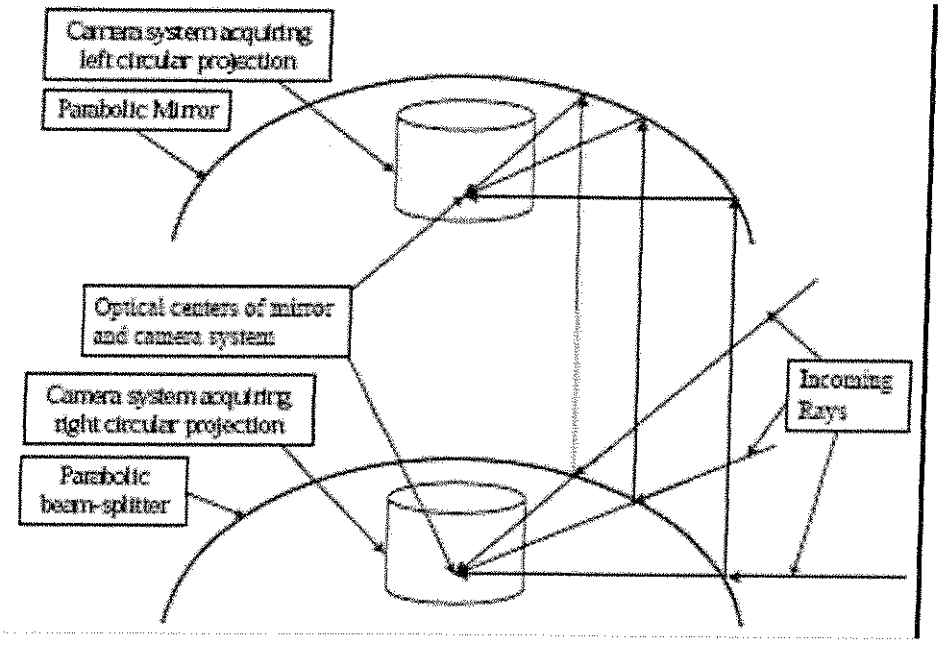

Camera system acquiring left circular projection
Parabolic Mirror
Optical centers of mirror and camera system
Camera system acquiring right circular projection
Parabolic beam-splitter
Incoming Rays

Fig. 4

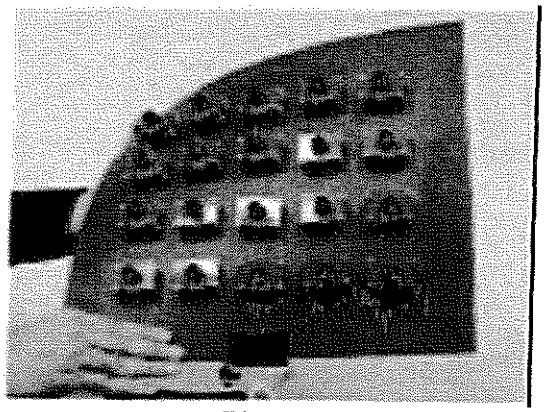


Fig. 5

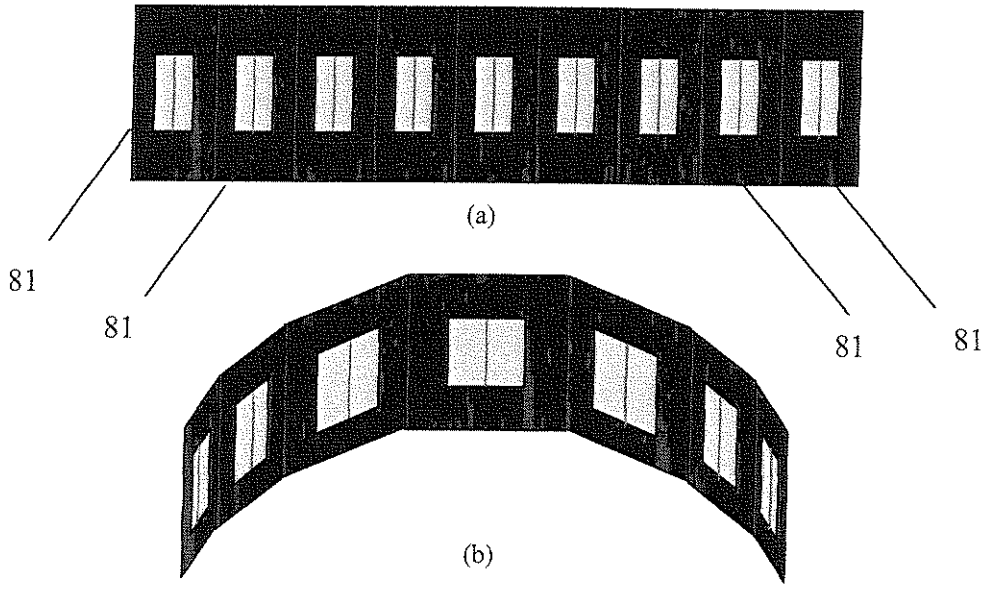
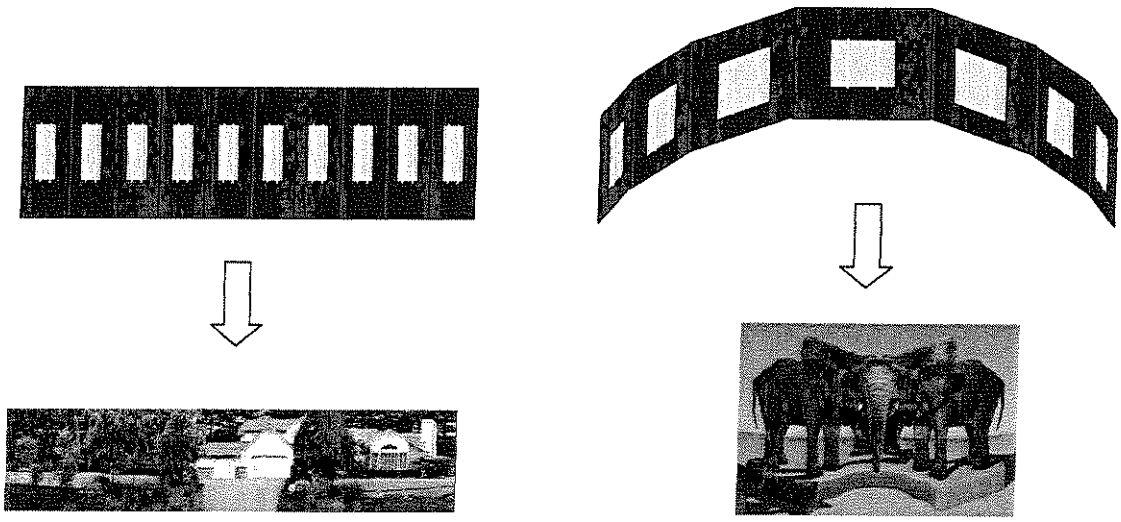


Fig. 6



(a) (b)

Fig. 7

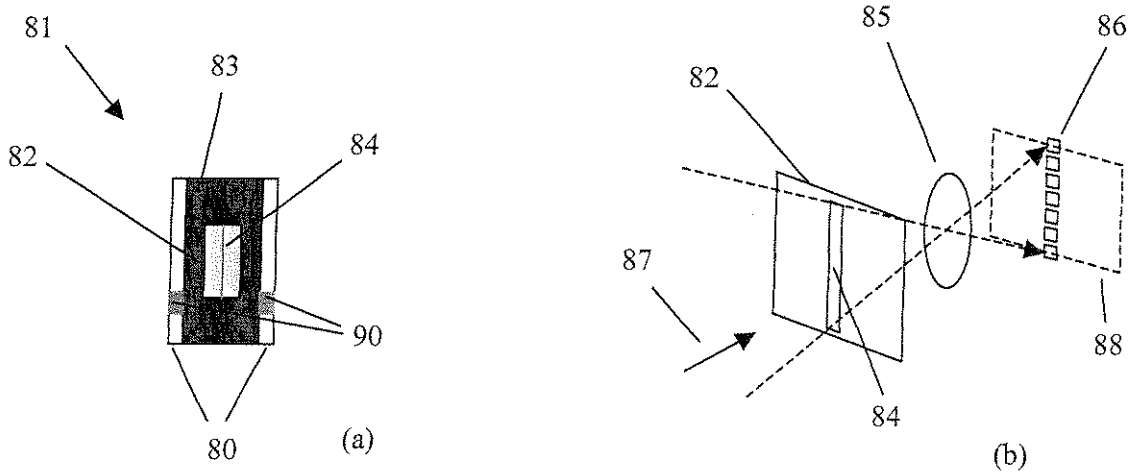


Fig. 8

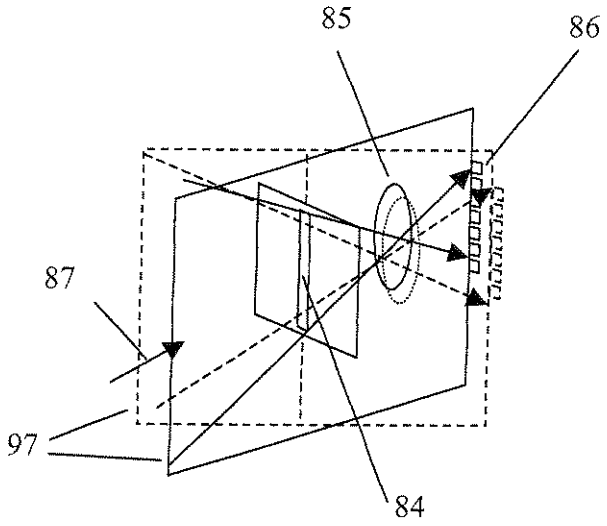


Fig. 9

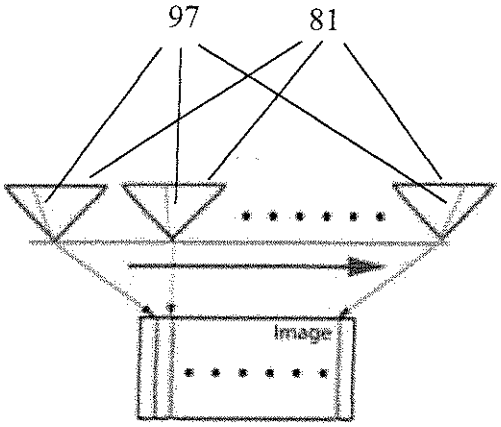


Fig. 10

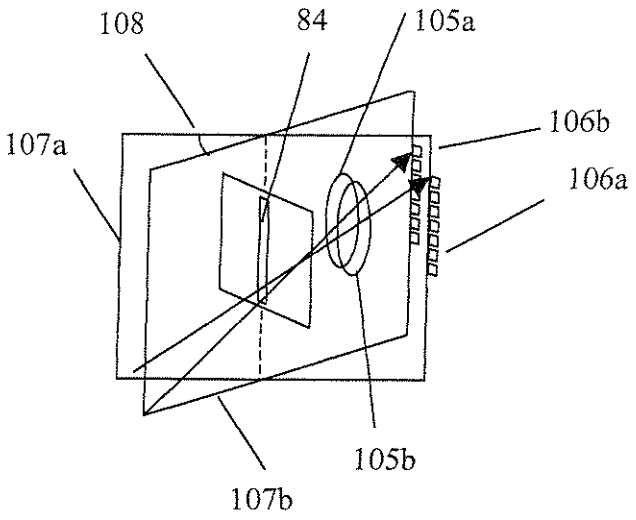


Fig. 11

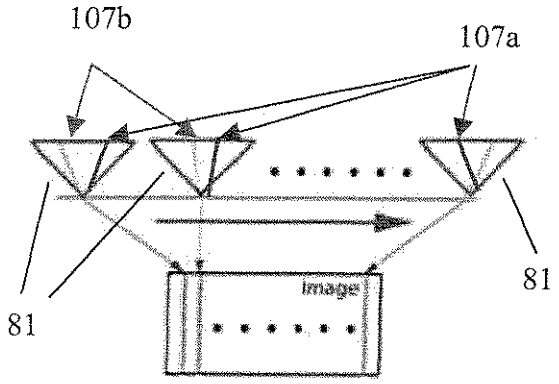


Fig. 12

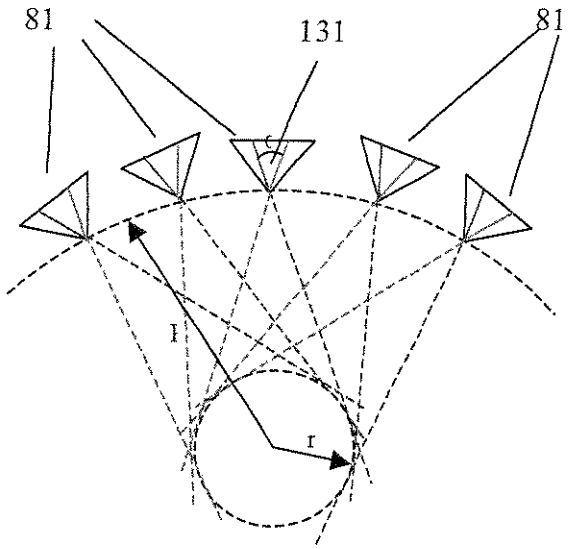

81
131
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Fig. 13

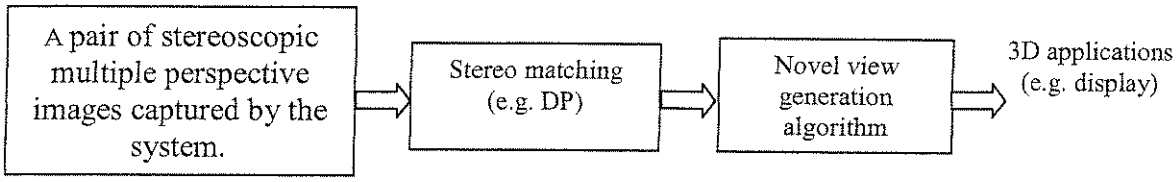

A pair of stereoscopic multiple perspective images captured by the system.
Stereo matching (e.g. DP)
Novel view generation algorithm
3D applications (e.g. display)

Fig. 14