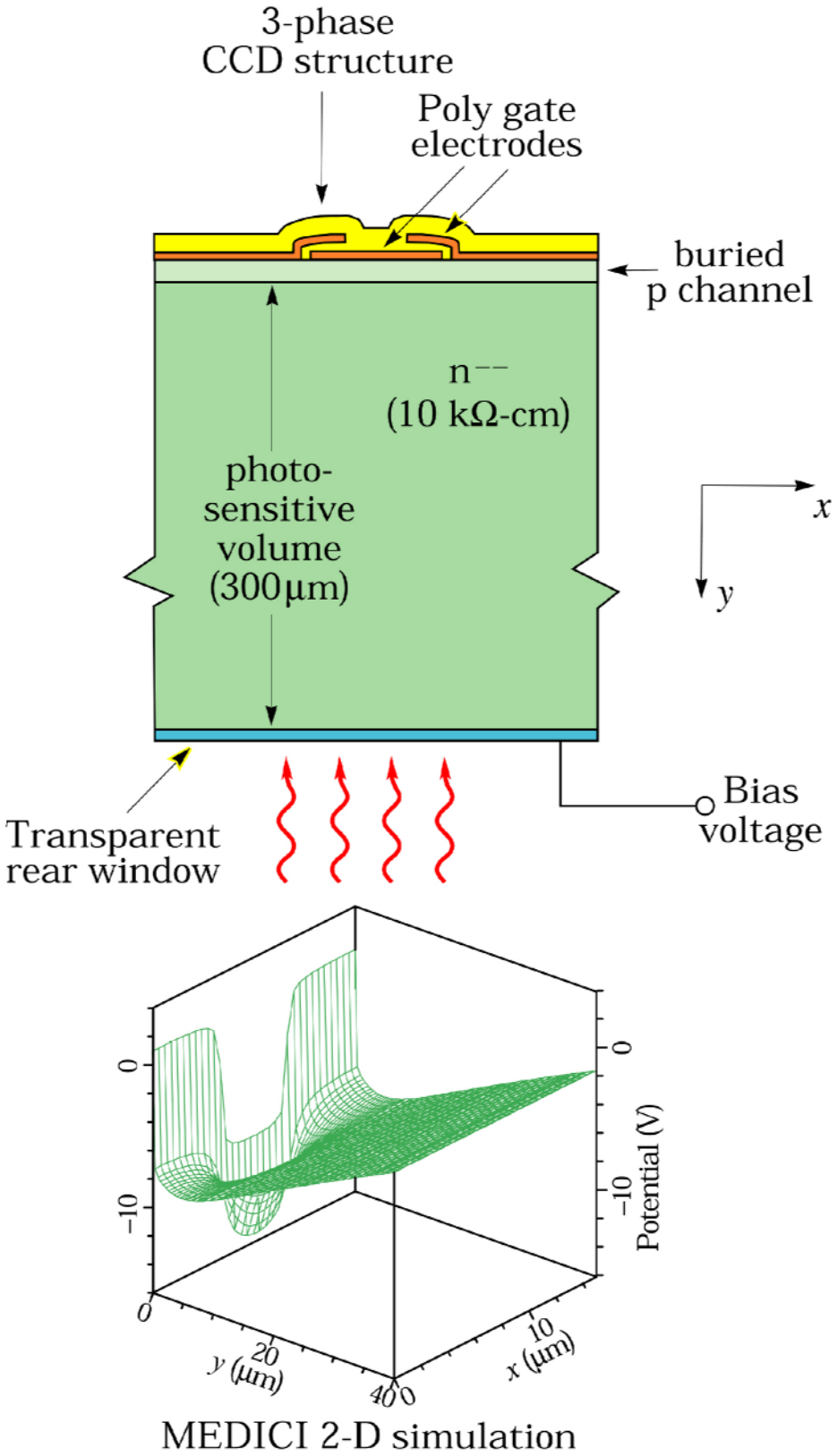
3-phase
CCD structure
Poly gate
electrodes
buried
p channel
n−−
(10 kΩ-cm)
photo-
sensitive
volume
(300 μm)
x
y
Transparent
rear window
Bias
voltage
0
−10
0
20
40
y (μm)
0
10
x (μm)
0
−10
Potential (V)
MEDICI 2-D simulation

Fig. 8