ABSTRACT OF THE DISCLOSURE

SOLID-STATE IMAGE SENSOR AND CAMERA

An image sensor includes microlens array having microlenses arranged to constitute rows and columns. When first axis parallel to the rows and passing through array center of the microlens array, and second axis parallel to the columns and passing through the array center are defined, microlens positioned on virtual circle having the array center as center includes first microlens positioned on the first or second axis, and second microlens positioned on neither the first axis nor the second axis. The first and second microlens have non-circular bottom shape, and width of the second microlens in second direction passing through the second microlens and the array center is larger than width of the first microlens in first direction passing through the first microlens and the array center.

(Figure 1)