

The First Pinned Photodiode was invented by Hagiwara at Sony in 1975 in order to realize the in-pixel electric shutter function. The evidence is given in the Japanese patent application JPA1975-127646, which defined the pinned-surface triple-junction dynamic-thyristor type Pinned Photodiode.

The evidence are given in the Japanese Patent Applications, JPA1975-127646, JPA1975-127646 and JPA1975-134985.

Fig 7 in JPA1975-127646

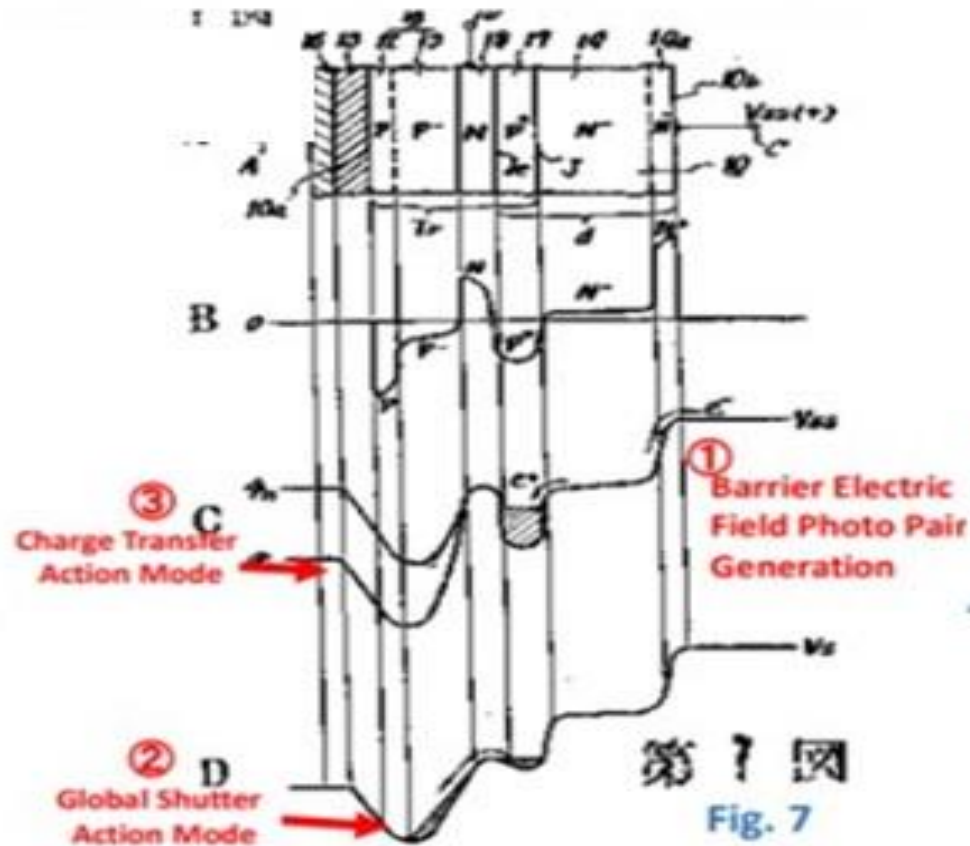


Fig 7 in JPA1975-127647

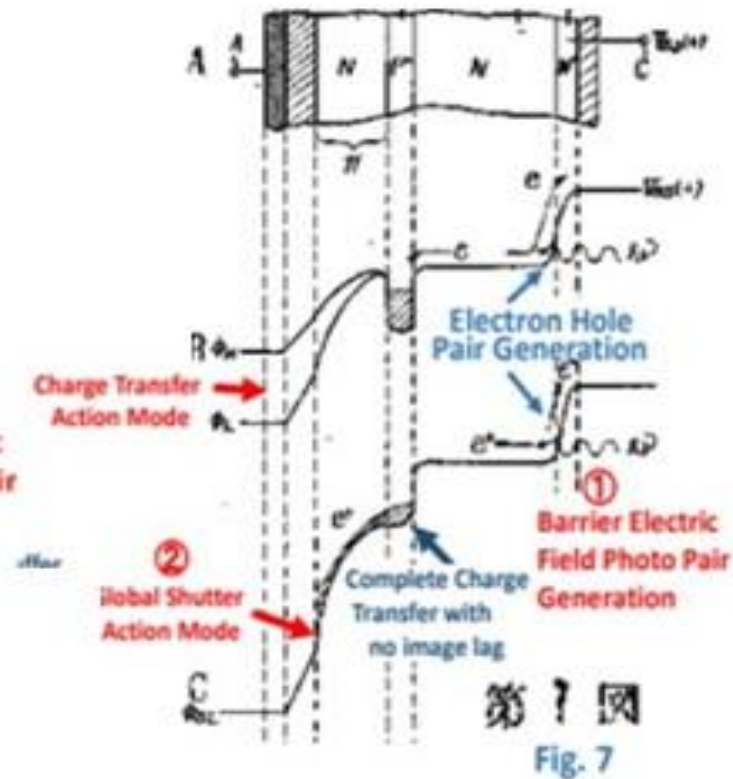


Fig 6 in JPA1975-134985

