

Hello, my name is Yoshiaki Hagiwara. I am also called simply as Yoshi, and as Yoshiaki Daimon and also as Yoshiaki Daimon-Hagihara. I believe that I am the true inventor of the digital camera with the mechanical shutter function capability, which is completely filmless and free from mechanical parts. I worked at Sony from 1975 till 2008. My friends in Sony developed the digital camera in 1987. Sony is now enjoying image sensor business. Image sensors are very important to realize Artificial Intelligent AI robots and self-driving cars.



Evidence that Yoshiaki Hagiwara is the inventor of Pinned Buried Photodiode with in-pixel overflow Drain (VOD) function is given by the three basic Japanese Patent Applications, JPA1975-127646, JPA1975-127647 and JPA1975-134985.

Hagiwara also invented the in-pixel Overflow Drain (OFD) Punch-thru Clocking Scheme to realize the completely-mechanical-part-free Electrical Shutter for digital cameras, opening a way to realize our modern digital TV world.

Evidence that Yoshiaki Hagiwara is the inventor of Electrical Shutter is given by the basic Japanese Patent Applications, JPA1977-126885.

The first Double Junction Pinned Buried Photodiode was developed by Hagiwara team at Sony in 1978. The first Triple Junction Pinned Buried Photodiode with Electrical Shutter function was developed by Hamazaki team at Sony in 1987.

工学者100人が教える
自動車の最先端事情!!

萩原良昭教授
情報学部情報学科

フジテレビ 2013年3月24日(日)放送

YES

自動運転は可能

問.20年以内に全自動運転の車は日本で販売される?

「100人の学者が教えます！これが正解アカデミー」2013年3月24日(日)
放送内容

前回

次回

2013年3月24日(日) 16:05~17:25 フジテレビ

【その他】SHELLY, 伊藤利尋, 加藤和子, 古川修, 坪内孝司, 外岡慎一郎, 太庭清, 太田祐介, 奥乃博, 安藤明美, 宮原公子, 小島茂義, 小嶋文博, 小泉武夫, 小籾千豊, 山崎善弘, 山田健太郎, 山田邦明, 新井映子, 服藤早苗, 松尾剛次, 松嶋尚美(オヤロ), 松本修一, 榎本勝, 横山しづよ, 橋本智己, 浦谷則好, 生野陽子, 田村亮, 的場輝佳, 矢部健太郎, 秋山伸隆, 羅志偉, 草鹿仁, 荒木敏明, 菅沼直樹, 萩原良昭, 見瀬和雄, 野崎博路, 鈴木洋子, 鈴木達也, 高木美保, 高橋英樹, 高橋隆行, 高野克己

【声の出演】竹本英史, 川野良子, 牧原俊幸, 渡辺和洋