V. SONY DISCLOSED THE INVENTOR OF SONY HAD SENOSR

VI. CONCLUSION

Besides, this P+PNPP+ double junction type Pinned Buried Photodiode can also be used for a possible future solar cell application for a better quantum efficiency [20]. With the image-lag-free feature and the built-in Electric Shutter and Global Shutter function capabilities [21], the Pinned Buried Photodiode with the in-pixel VOD function and Electric Shutter capability [22] have now replaced film media and mechanical parts, realizing modern solid-state cameras with instant-snapshots and fast-action pictures in our HD digital TV era [23].