

## Patent Status

### <Registered patent>

2019.09.01.

Type	Title of invention / Region	Registration No.	Date of Registration	Rightful Claimant
Domestic	Raindrop detection sensor	10-0880248	09.01.16	Han Sea-yeoun
	Grid Array Raindrop Detection Sensor that Raindrop Detection Area	10-1254131	13.04.08	Han Sea-yeoun
	Positioning board assembly for camera module, and a manufacturing method thereof and a camera module comprising the same	10-2007207	19.07.30	Sensortopia
	WSR Relational calculation algorithm(dedicated license)	C-2017-032359	17.12.08	Sensortopia
Overseas	USA	No. 8,471,513B2	13.06.25	Han Sea-yeoun
	CHINA	No. 1190900	13.05.01	Han Sea-yeoun
	JAPAN	No. 5600313	14.08.22	Han Sea-yeoun

### <Patent Pending>

Type	Title of invention	Patent/Patent No.	Application Date	Rightful Claimant
PCT	Positioning board assembly for camera module, and a manufacturing method thereof and a camera module comprising the same	PCT/KR2019/010069	19. 08 09	Sensortopia
Patent	<b>Braille Display Device using Patterned Coil</b>	10-2019-0042283	19. 04. 11	Sensortopia