

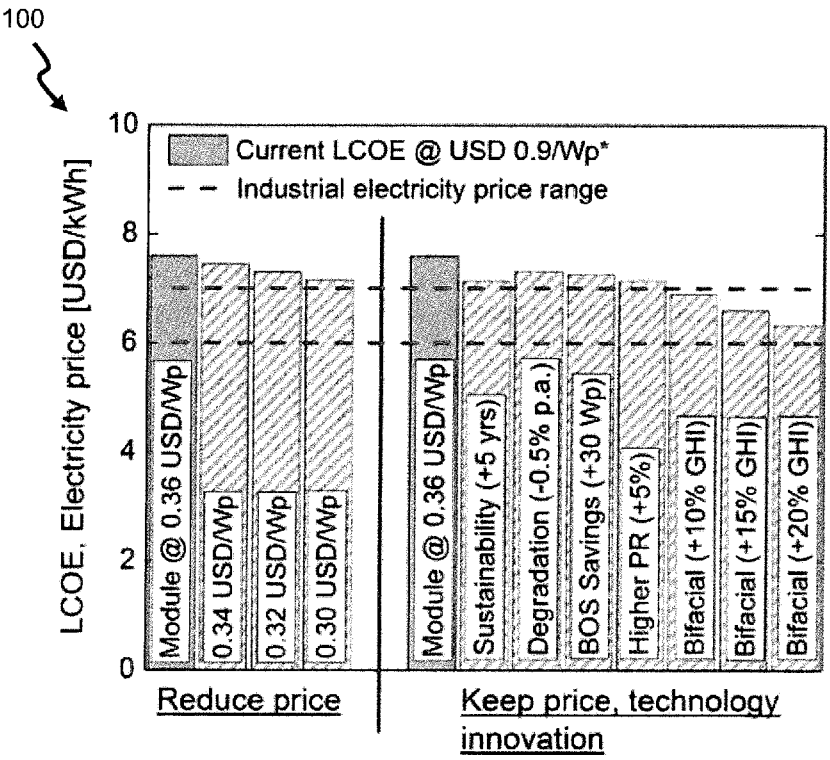


FIG. 1 (Prior Art)

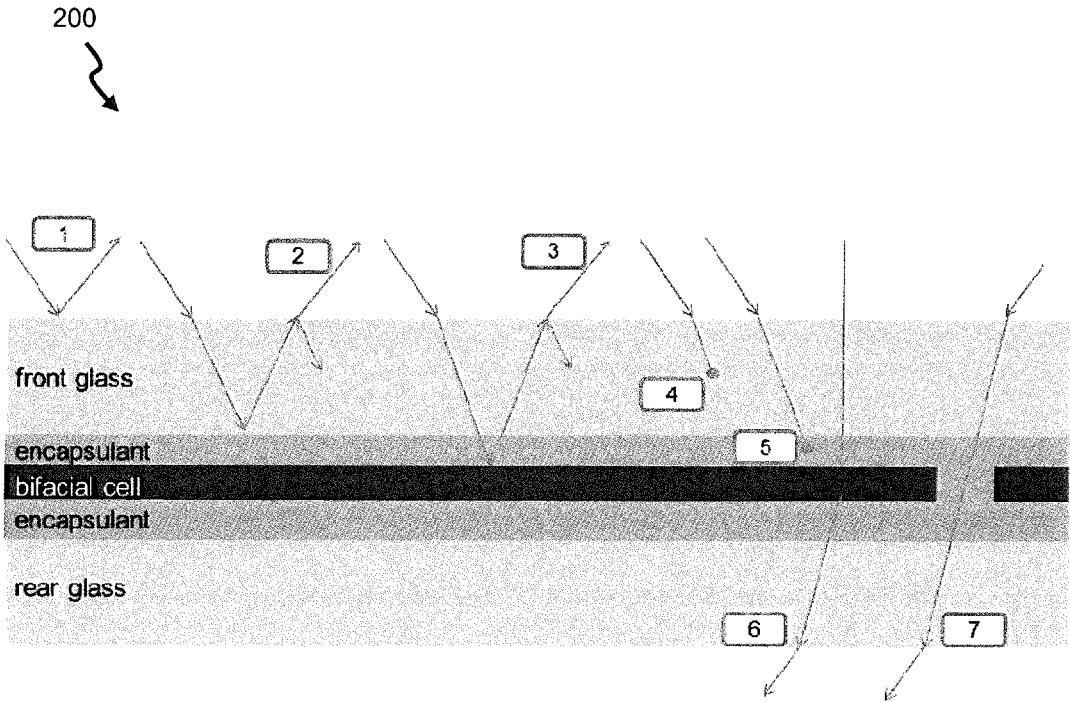


FIG. 2 (Prior Art)

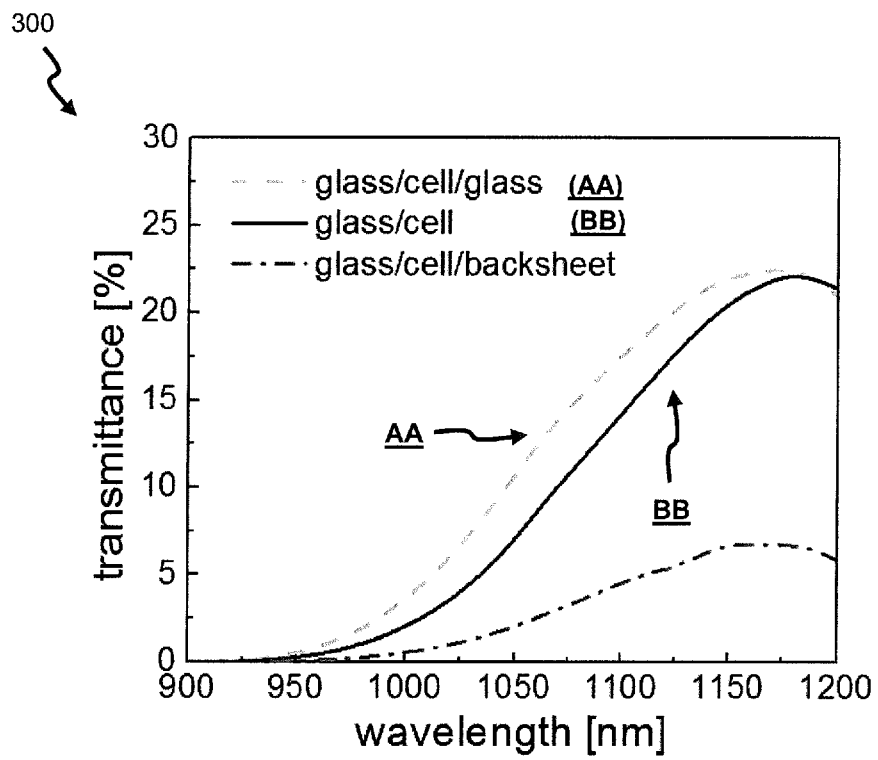


FIG. 3 (Prior Art)

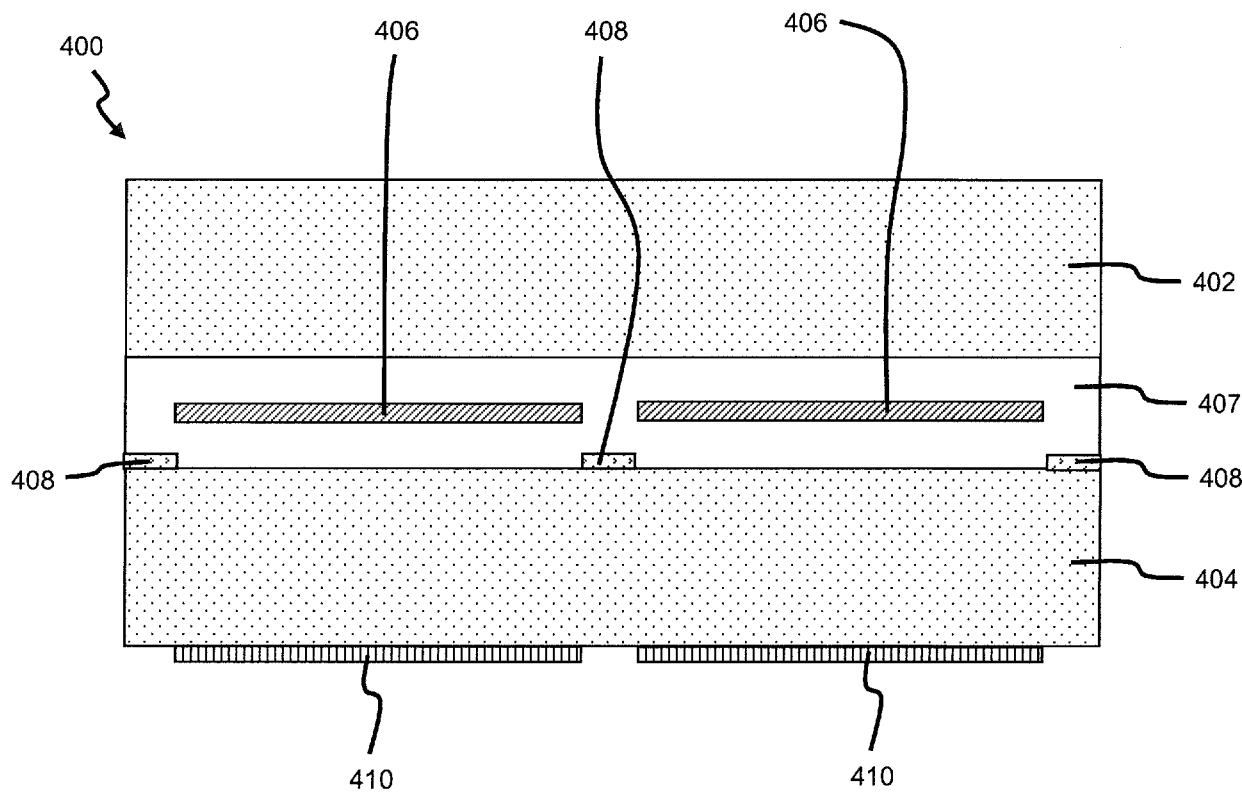


FIG. 4a

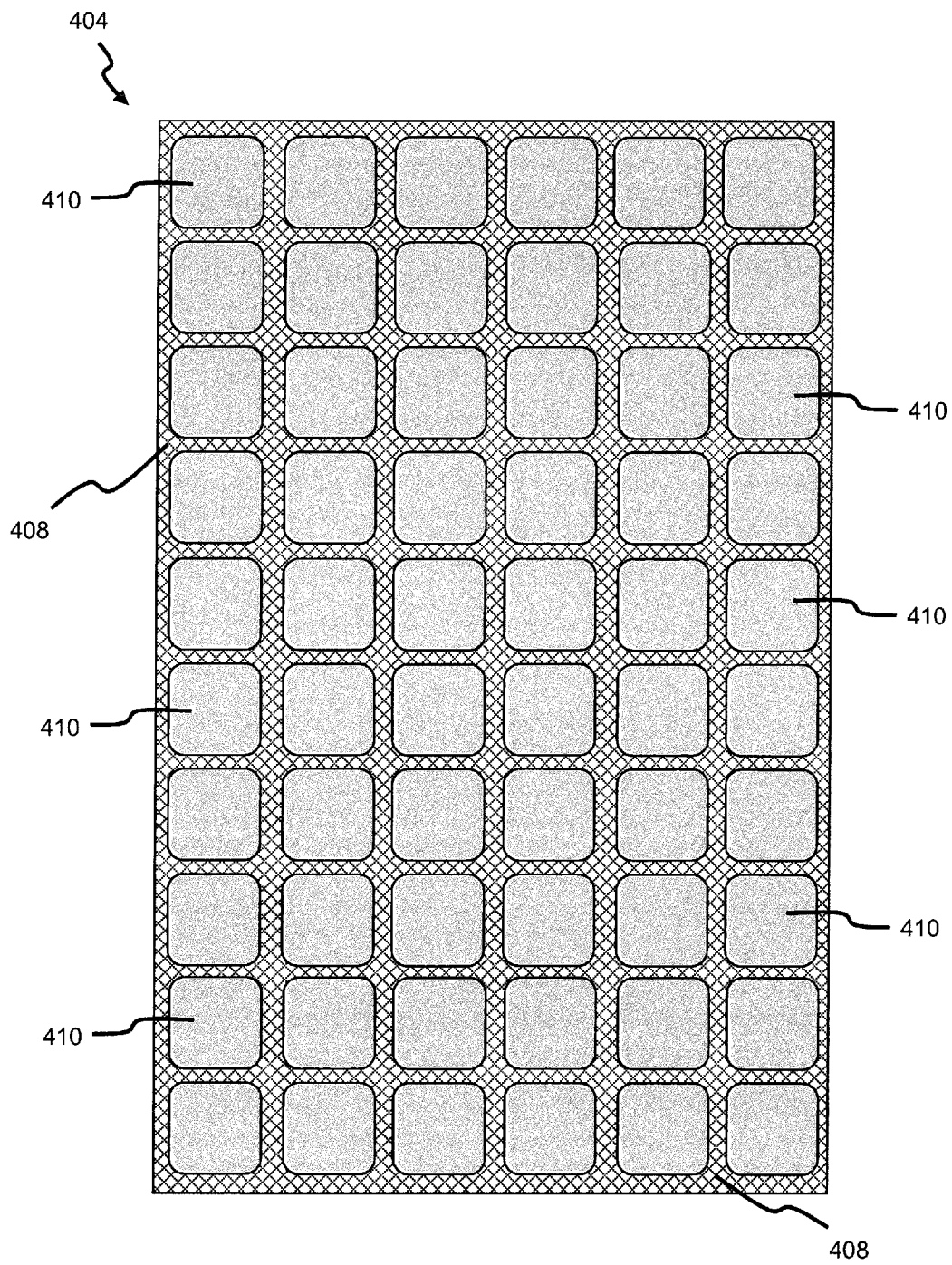


FIG. 4b

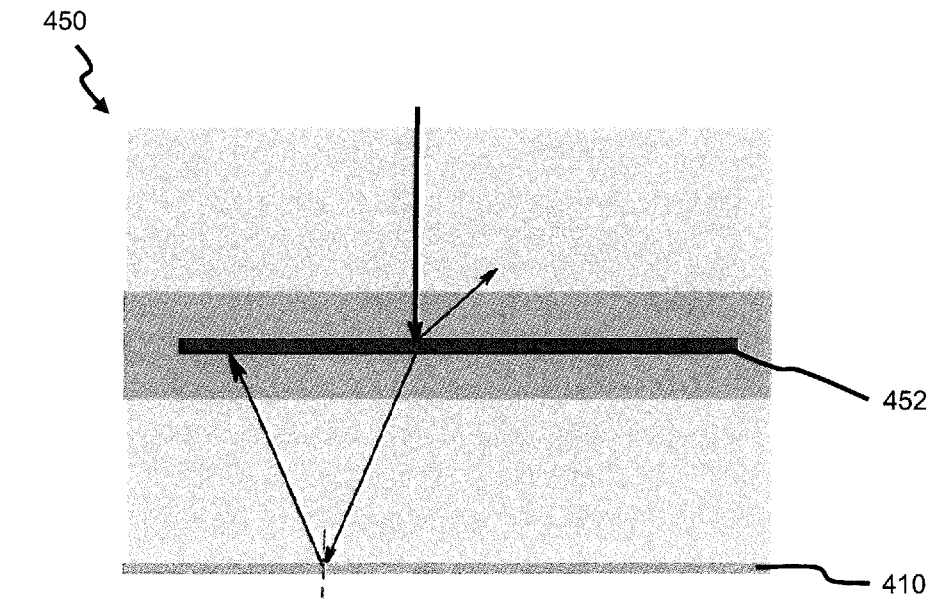


FIG. 4c

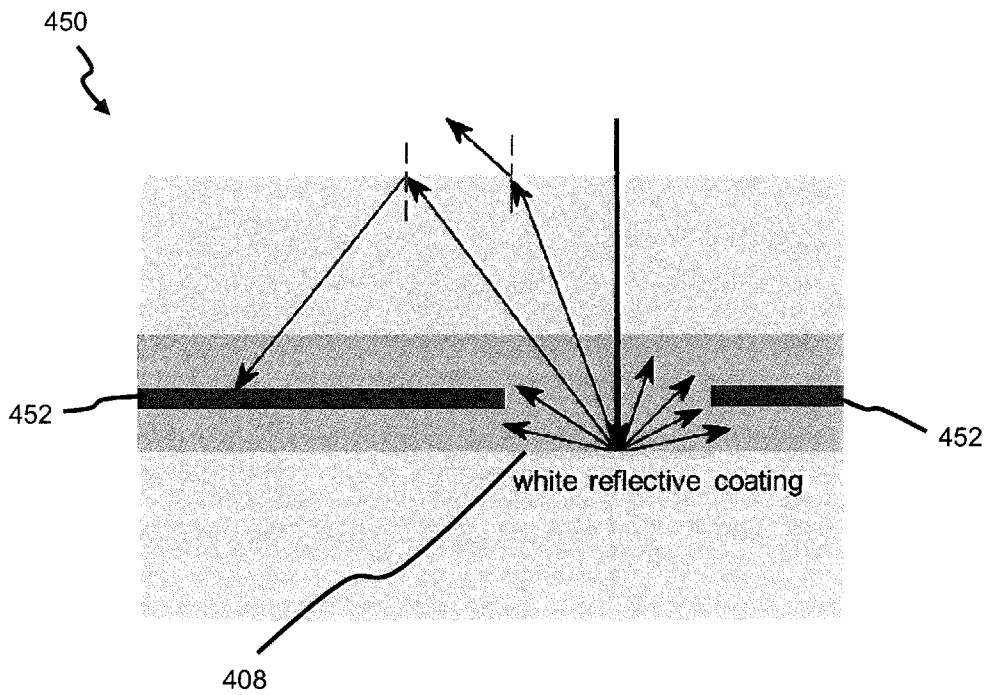


FIG. 4d

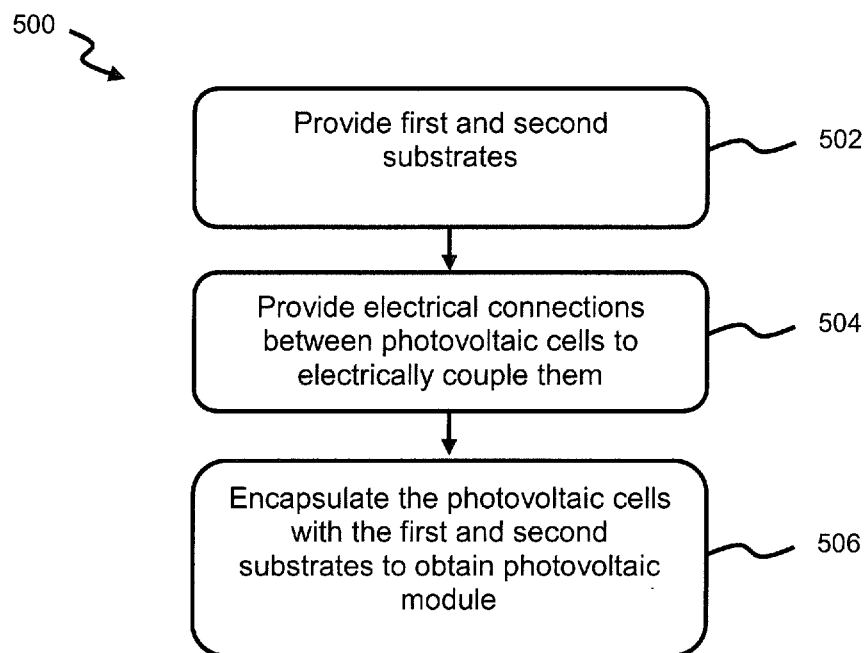


FIG. 5

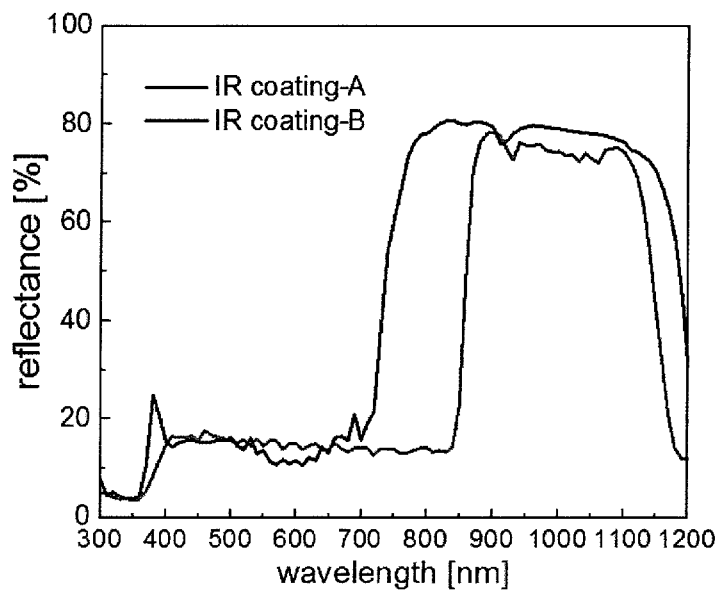
600
↘

FIG. 6

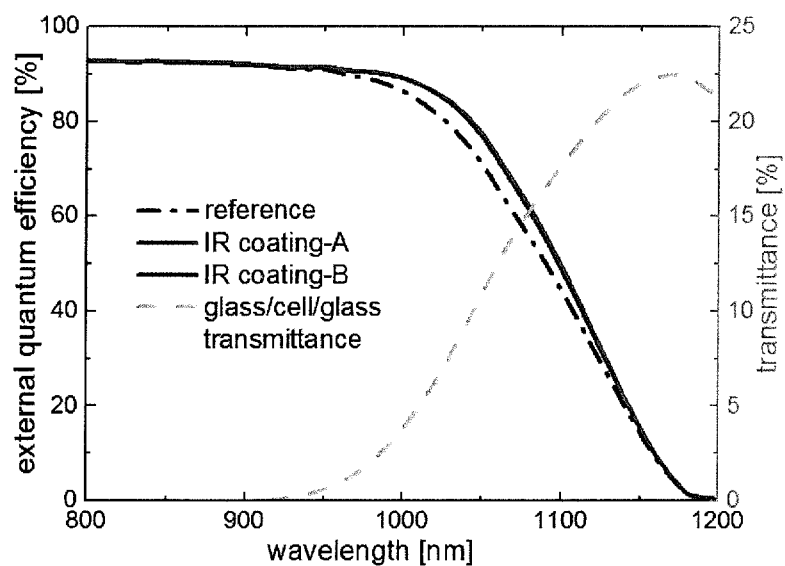
700
↘

FIG. 7

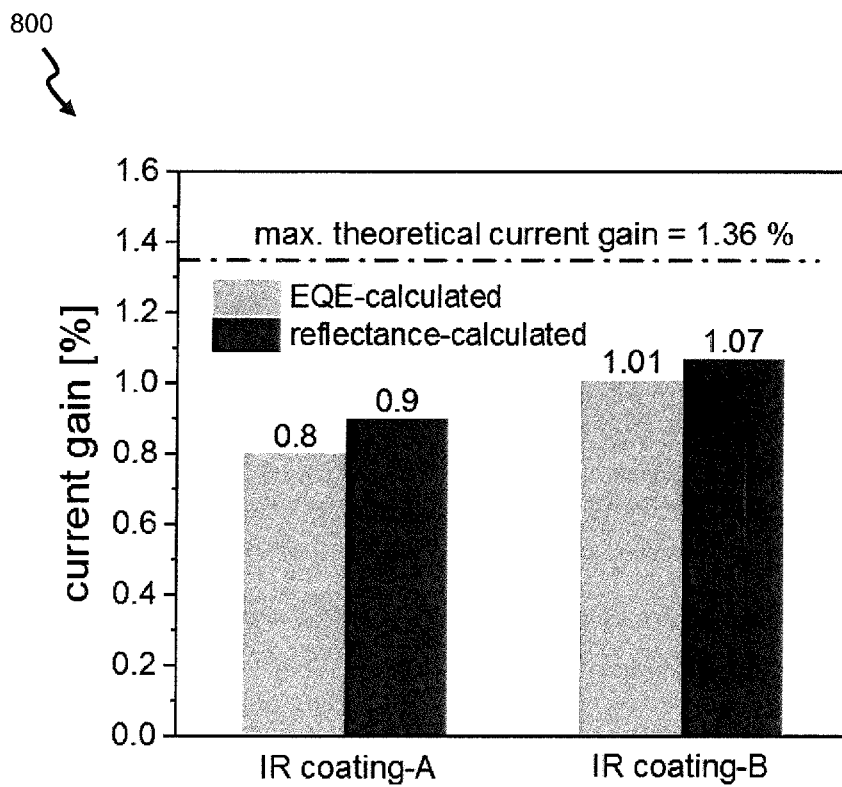


FIG. 8a

850

Test-module	I_{sc} [A]
Reference module	8.59
Module with IR coating-A	8.66

FIG. 8b

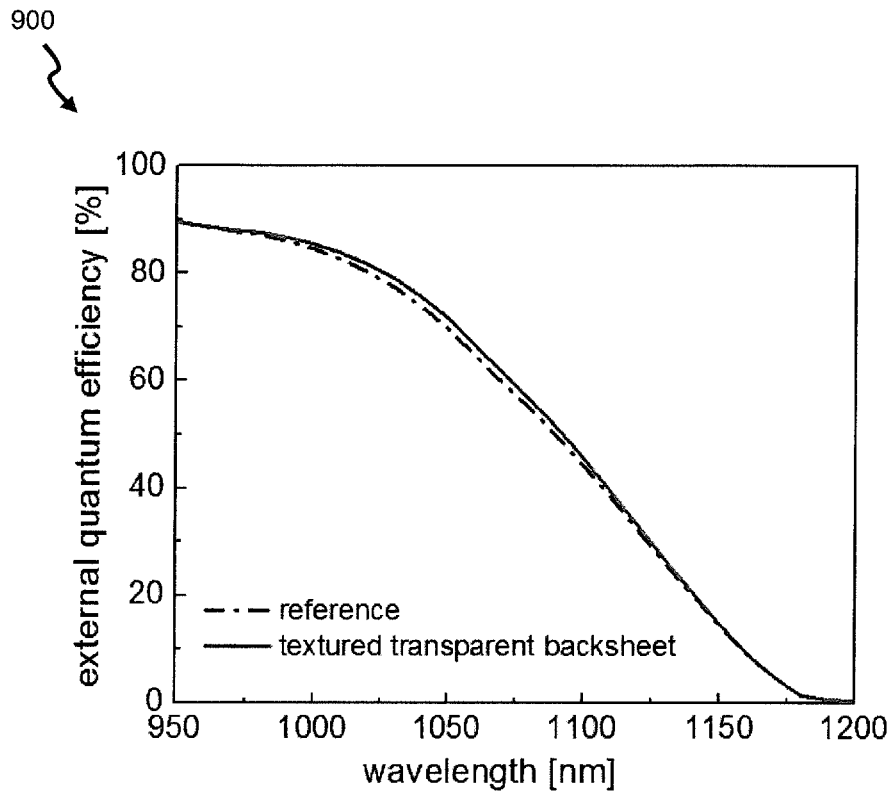


FIG. 9

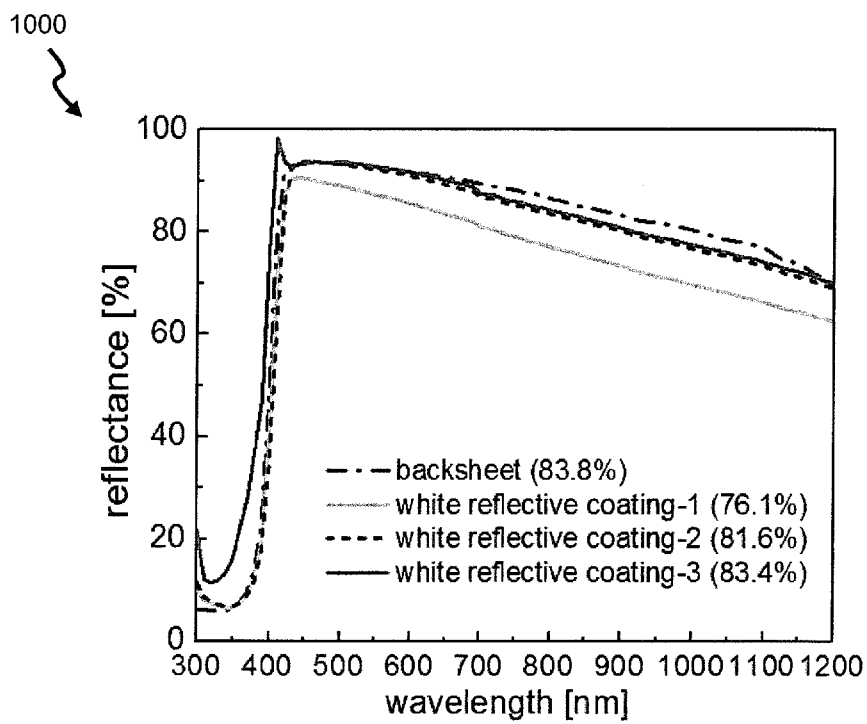


FIG. 10

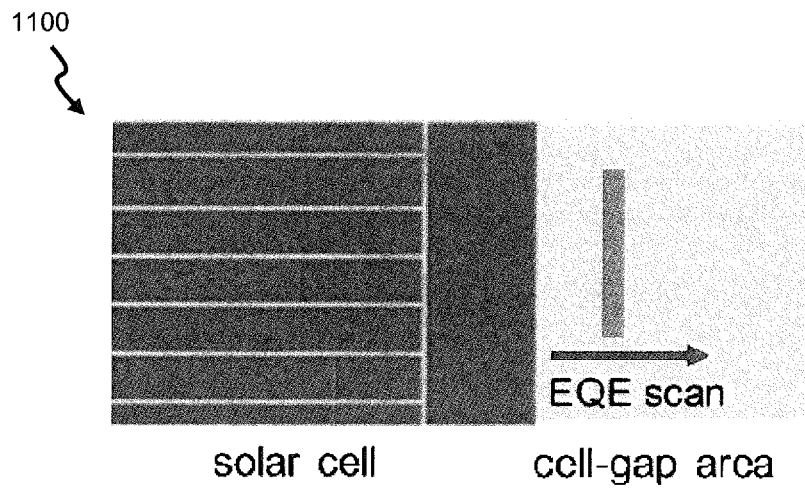


FIG. 11

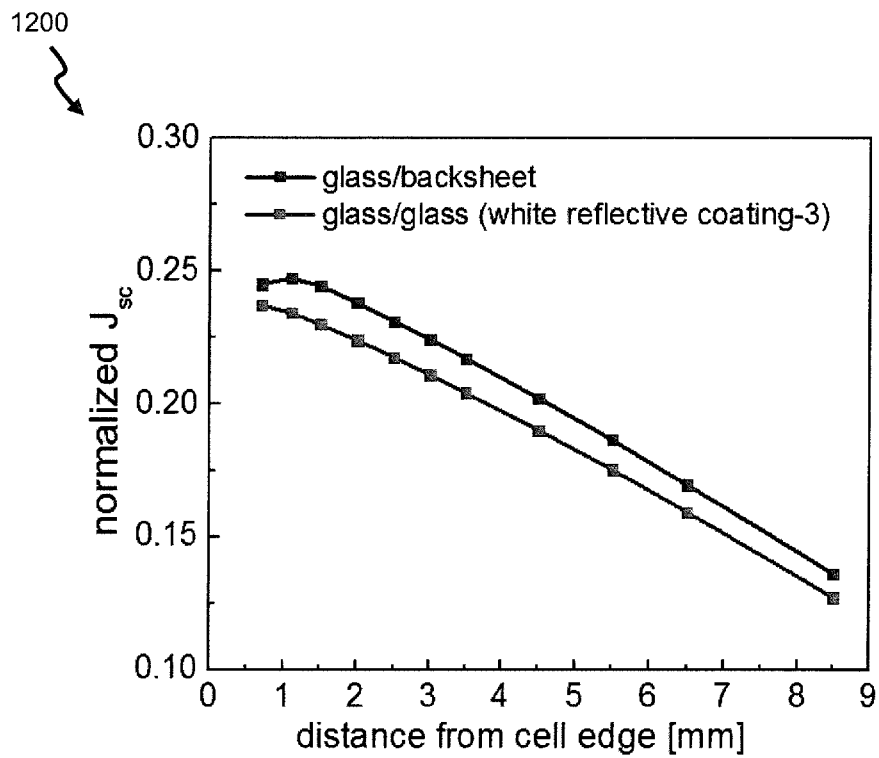


FIG. 12

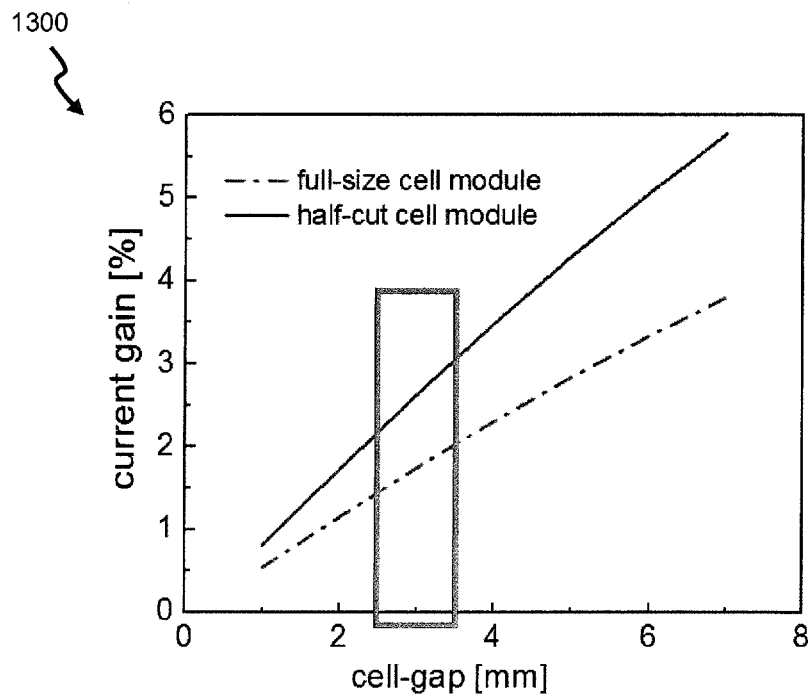


FIG. 13

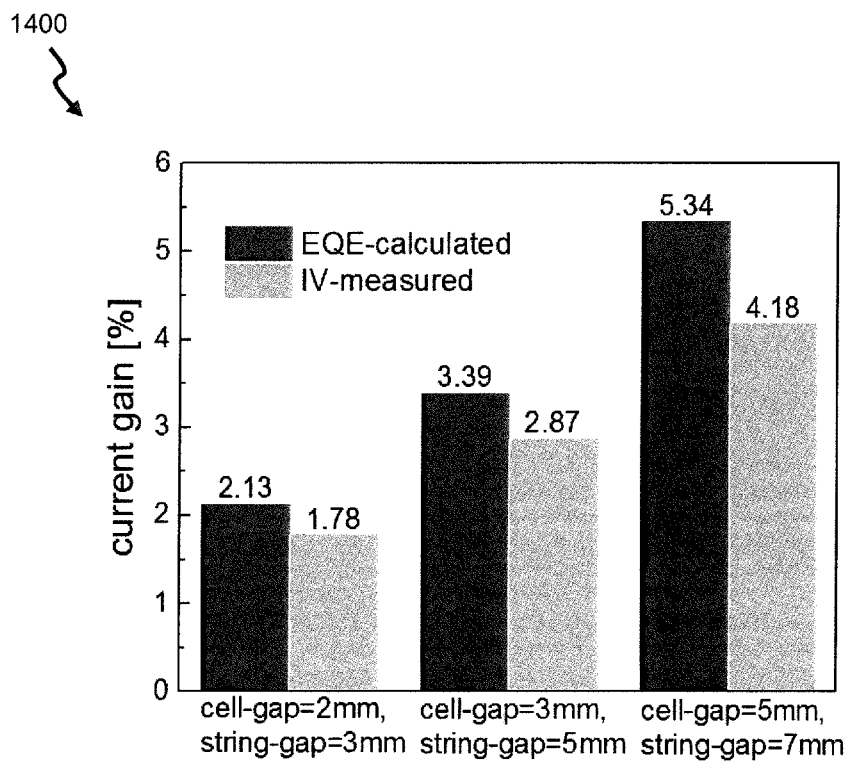


FIG. 14

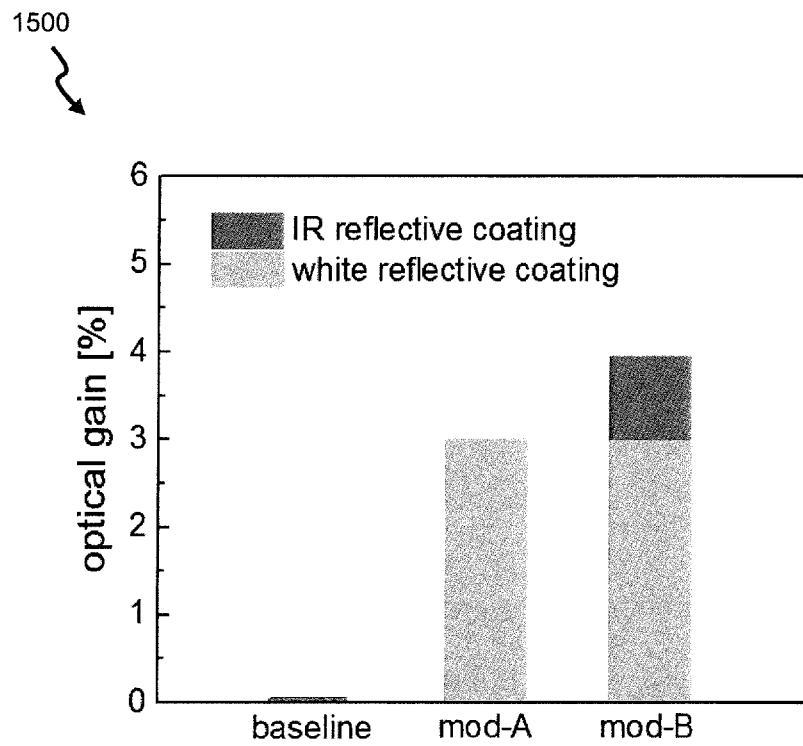


FIG. 15

1600

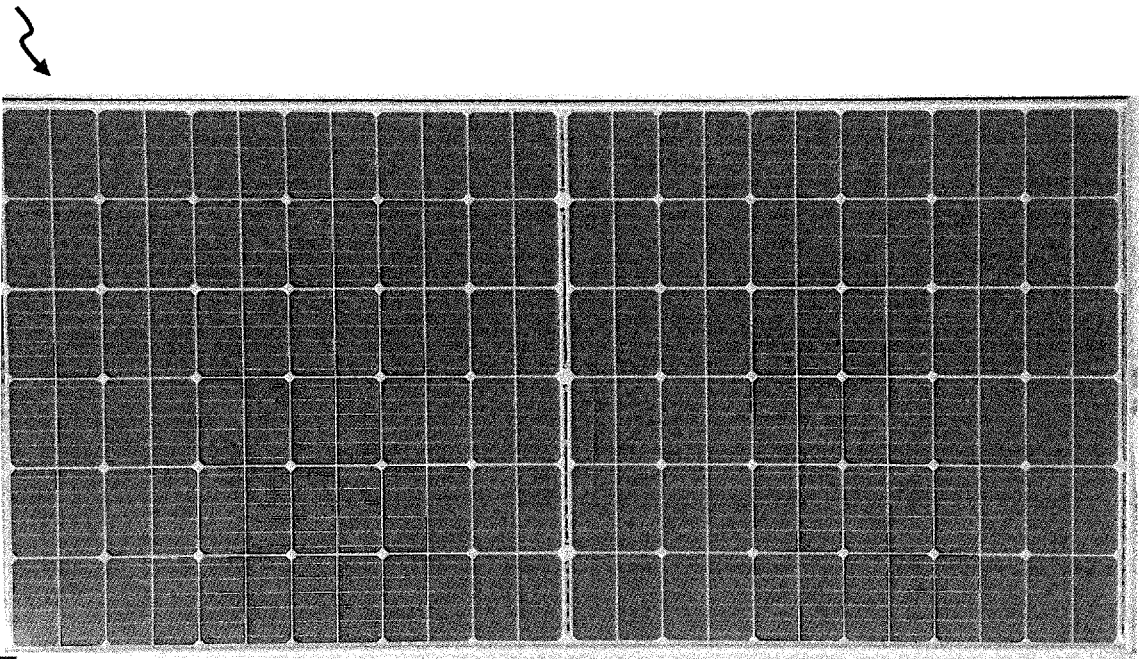


FIG. 16a

1600

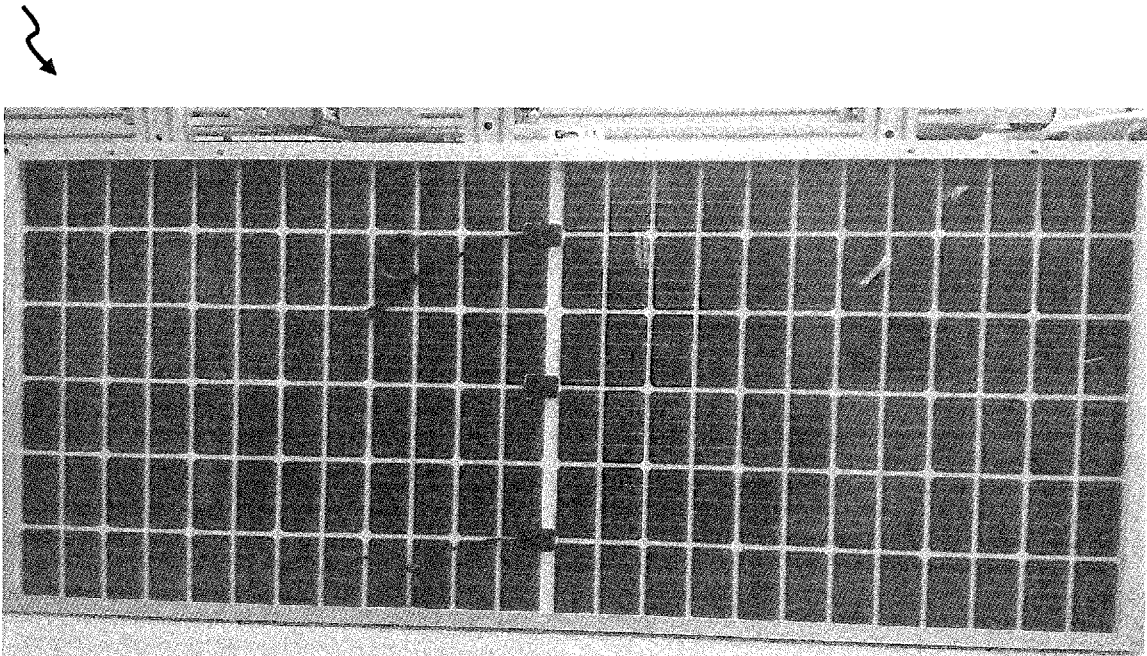


FIG. 16b

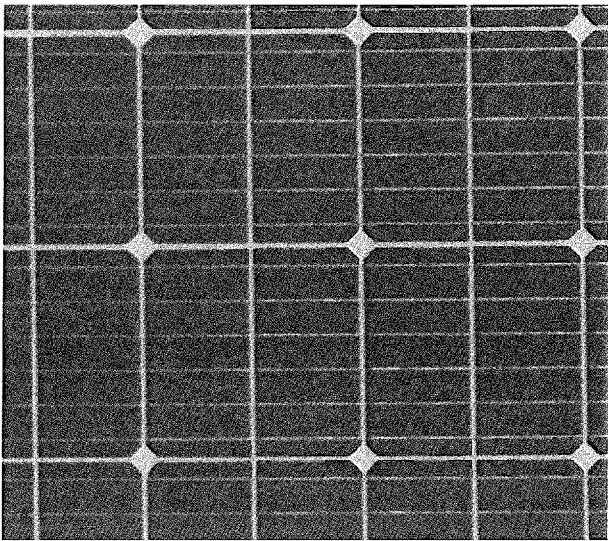


FIG. 16c

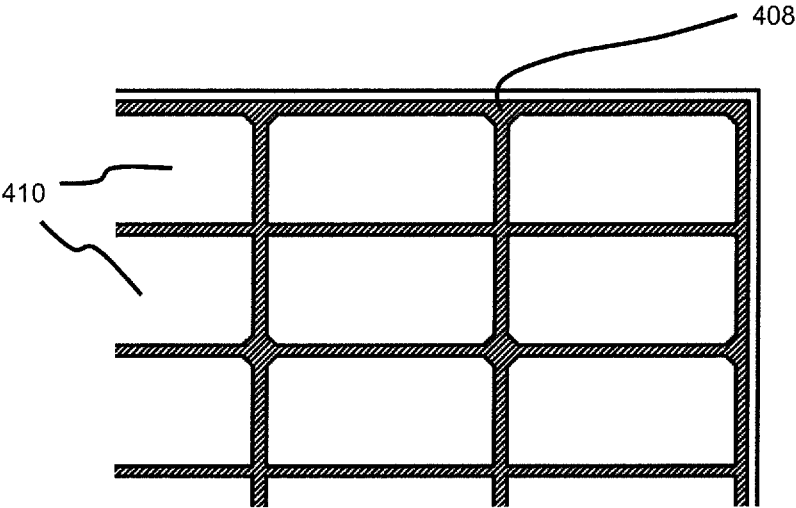


FIG. 16d

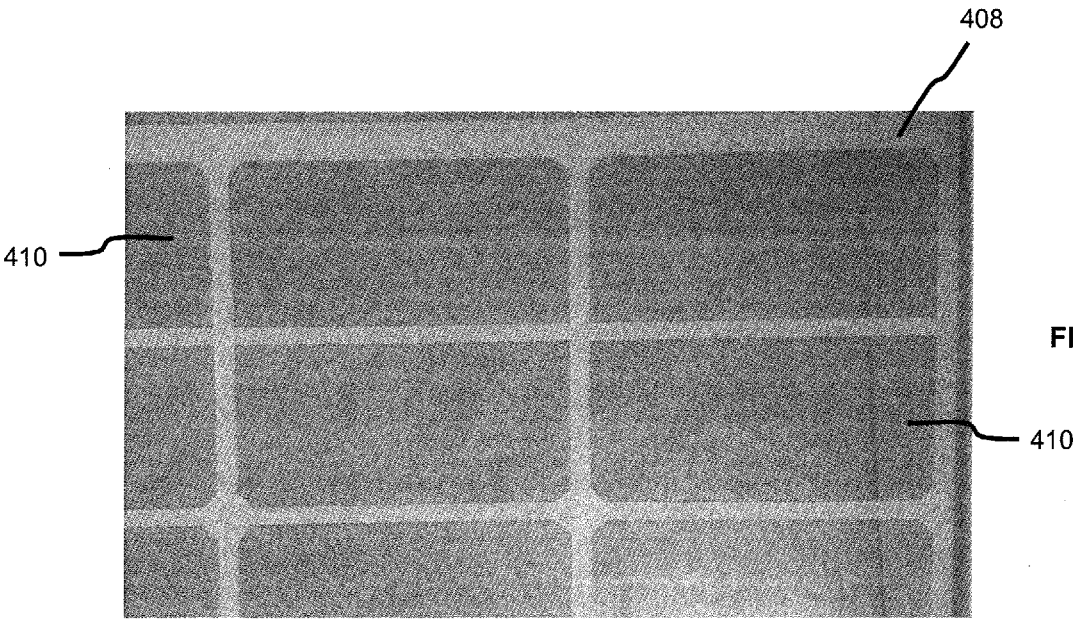


FIG. 16e

1600

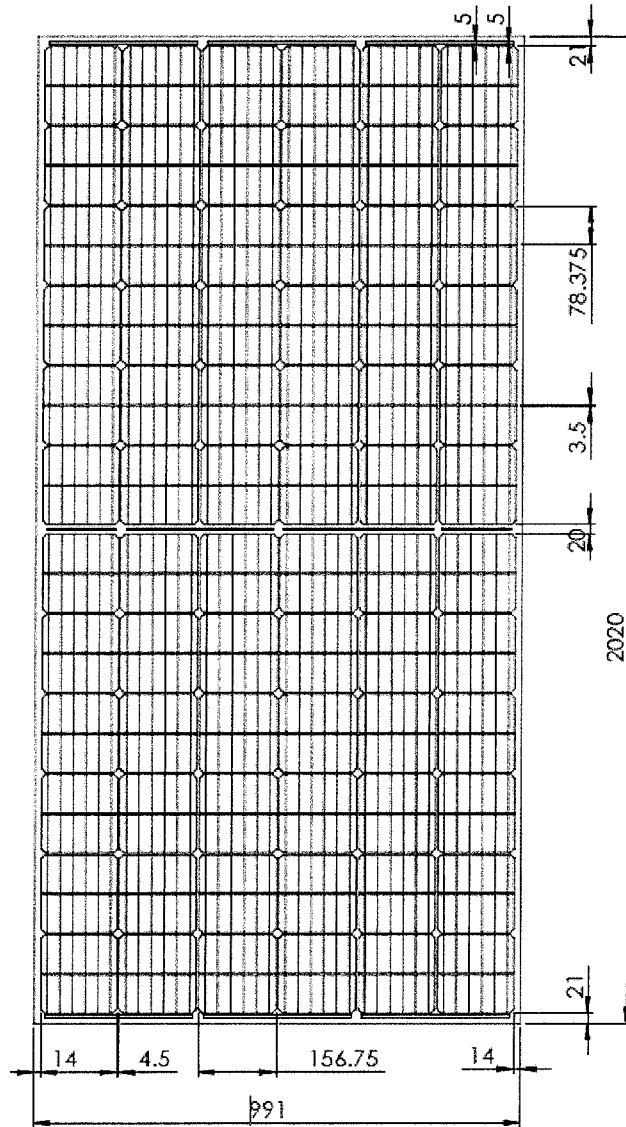


FIG. 17a

1700
↘

	STC front power	STC rear power
P_{mpp} [W]	360.7	260.1
I_{sc} [A]	9.91	7.18
V_{oc} [V]	46.69	46.15
I_{mpp} [A]	9.32	6.40
V_{mpp} [V]	38.72	40.64
FF [%]	77.97	78.51

FIG. 17b

1710
↘

Solar cells	Mono-Si bifacial 78.375 x 156.75 mm
Module dimensions (without frame)	2020 x 991 mm
Front glass	High transmission, low iron, heat strengthened glass, 2.0mm
Back glass	High transmission, low iron, heat strengthened, ceramic coated glass, 2.0mm
Encapsulant	High transmission, PID-resistant polyolefin

FIG. 17c

1720
↘

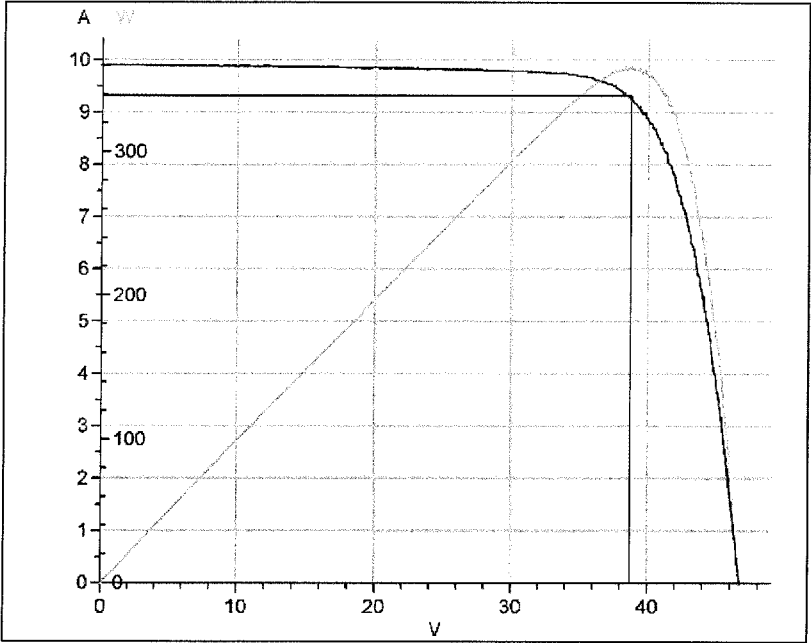


FIG. 17d