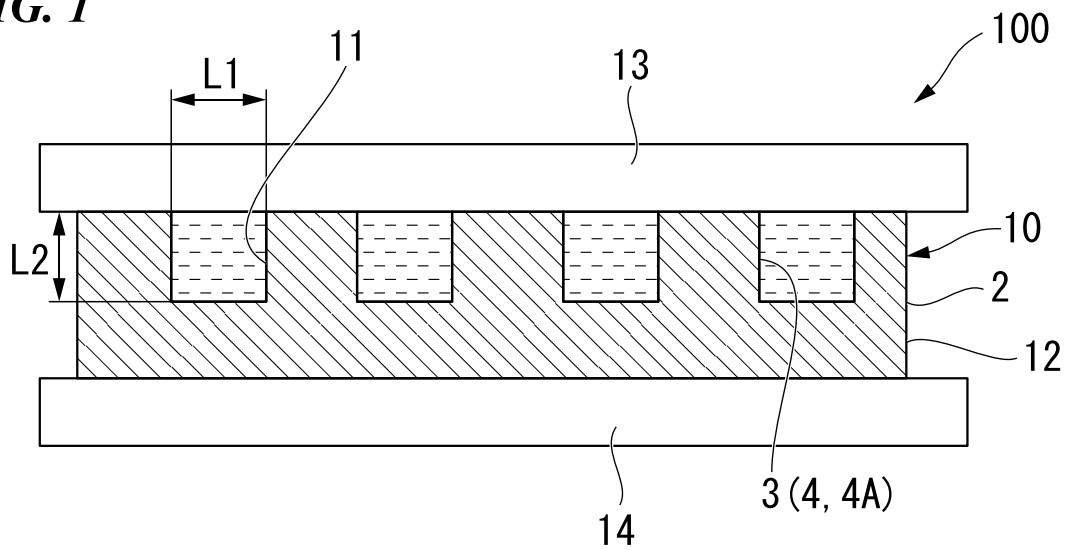
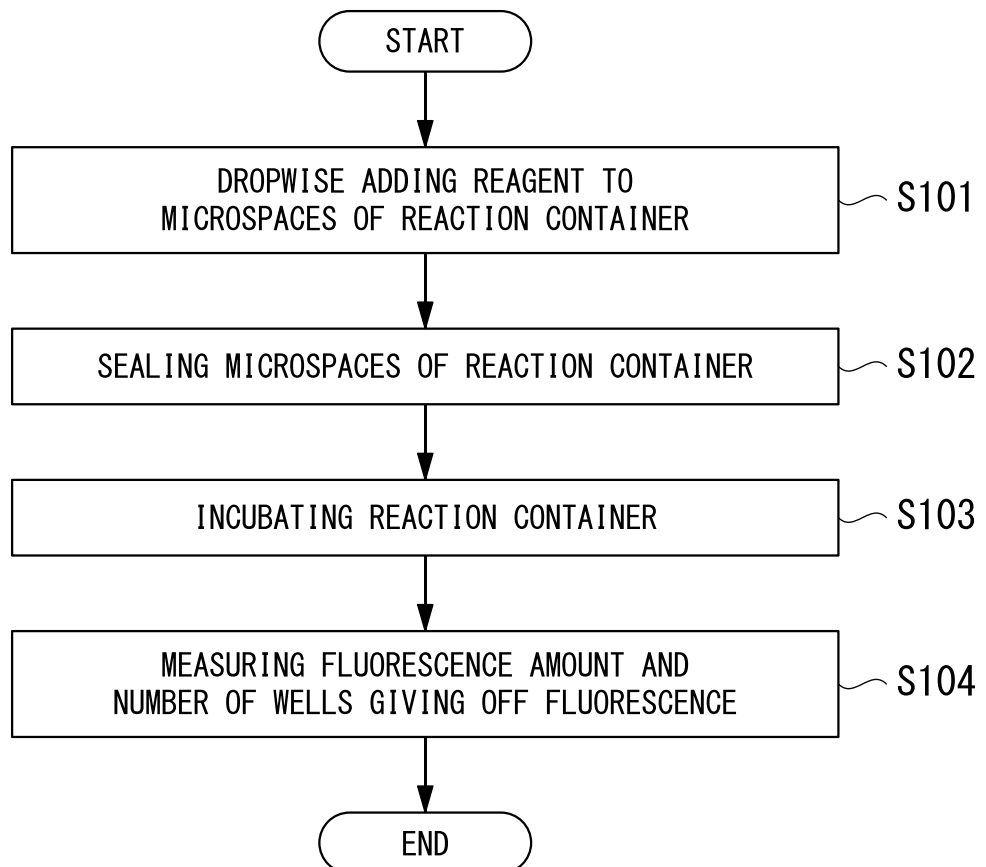


FIG. 1**FIG. 2**

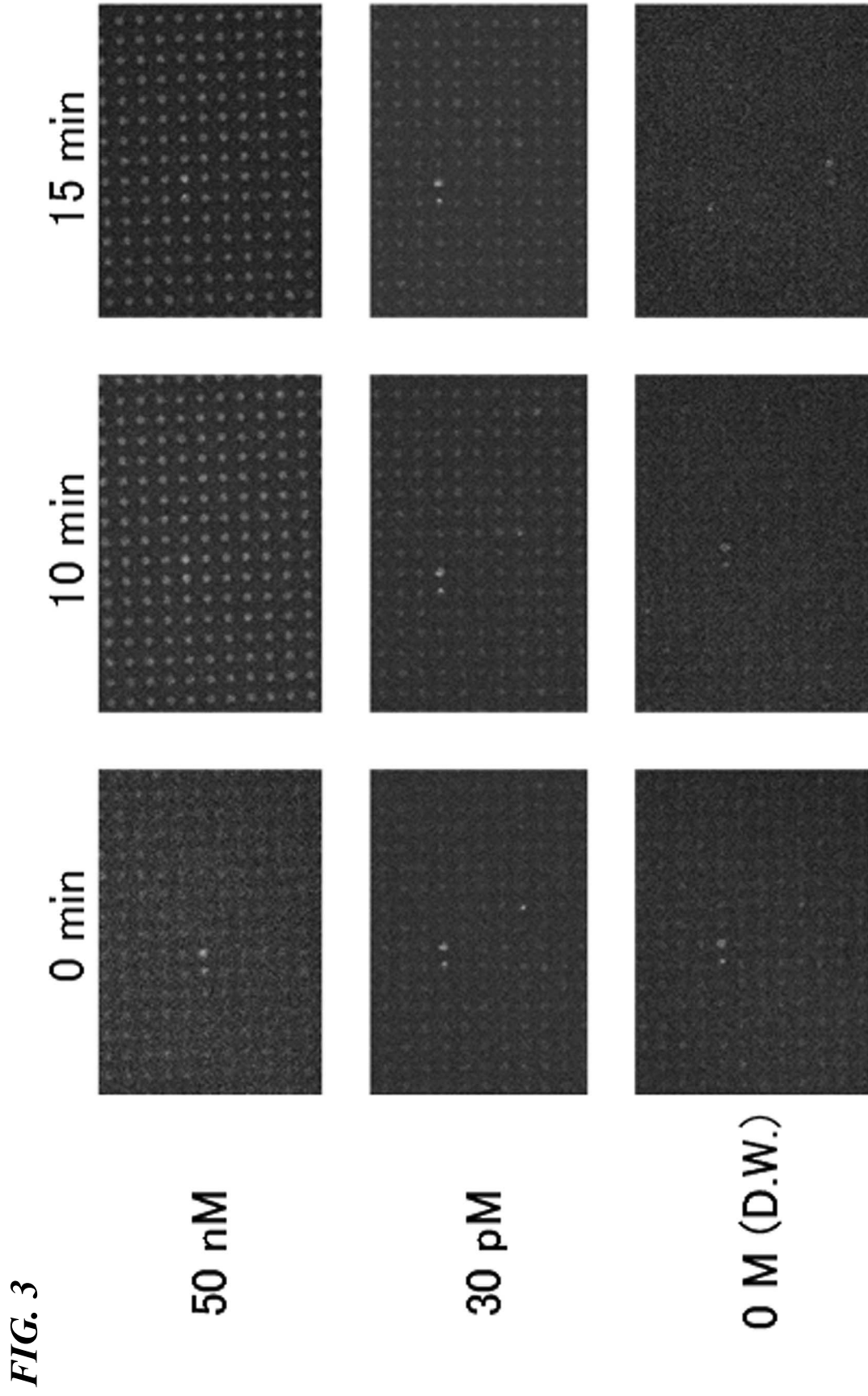
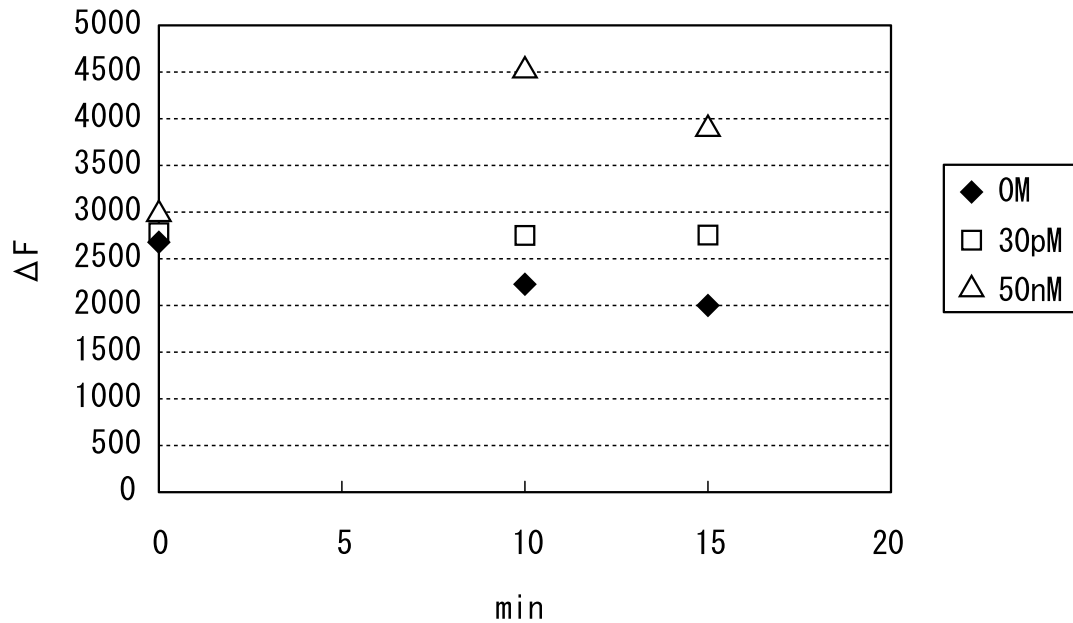


FIG. 4**FIG. 5**

		REACTION SYSTEM	REAGENT AMOUNT	REACTION TIME (min)	REACTION TEMPERATURE	EVALUATION OF QUANTIFICATION PROPERTIES
COMPARATIVE EXAMPLE 1	DIGITAL PCR	PCR	1nl × MULTIPLE WELLS	60	NONISOTHERMAL	EXCELLENT
COMPARATIVE EXAMPLE 2	PCR	PCR	20 μl	60	NONISOTHERMAL	POOR
COMPARATIVE EXAMPLE 3	INVADER PLUS	PCR+ INVADER	20 μl	60	NONISOTHERMAL	POOR
COMPARATIVE EXAMPLE 4	INVADER	INVADER	20 μl	120	ISOTHERMAL	POOR
COMPARATIVE EXAMPLE 5	DIGITAL ELISA	ELISA	100fl × MULTIPLE WELLS	15	ISOTHERMAL	EXCELLENT
EXAMPLE	DIGITAL INVADER	INVADER	100fl × MULTIPLE WELLS	10	ISOTHERMAL	EXCELLENT

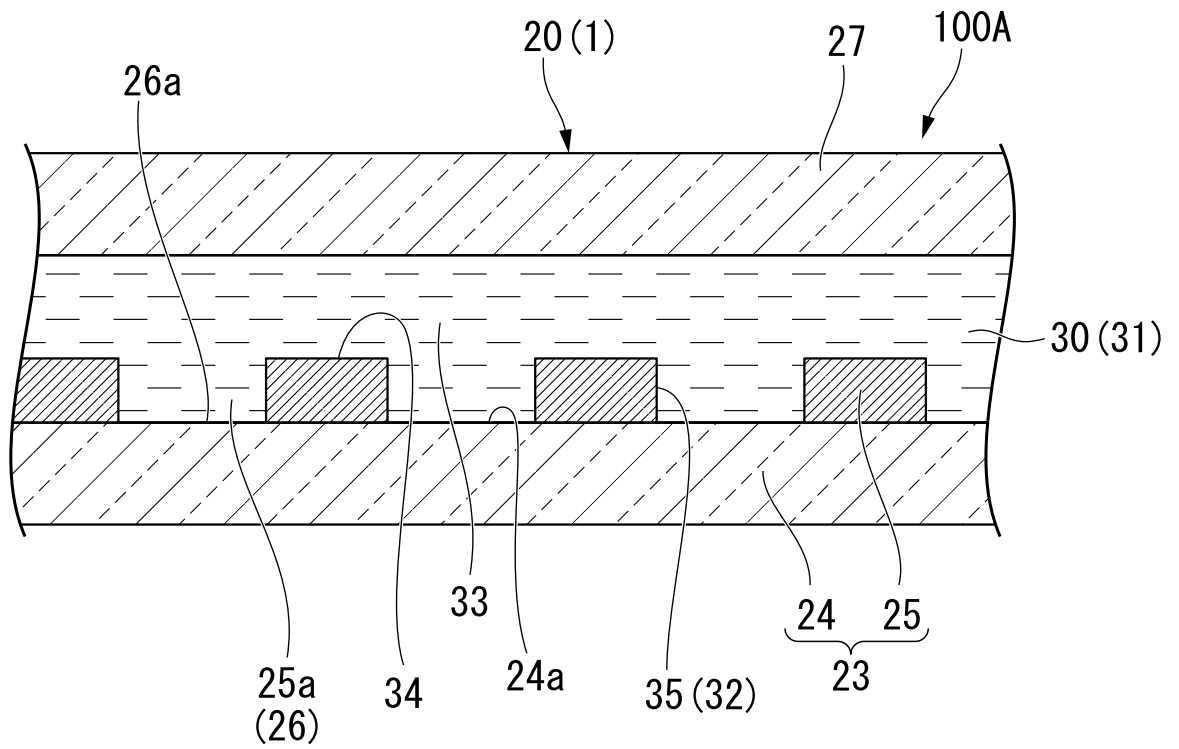
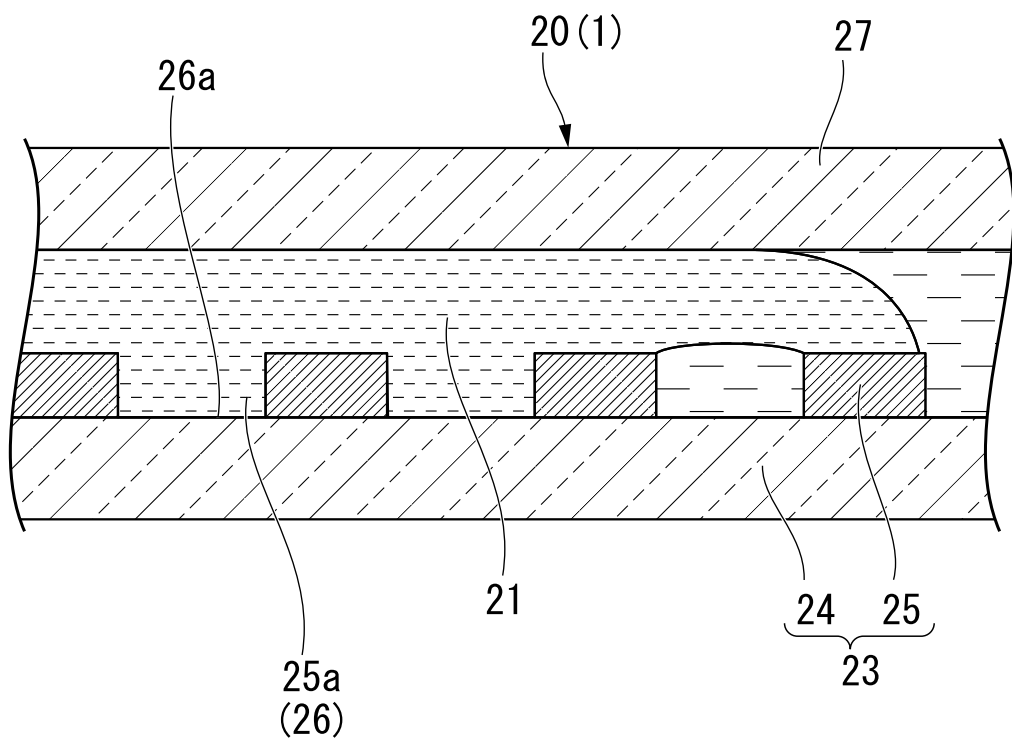
FIG. 6**FIG. 7**

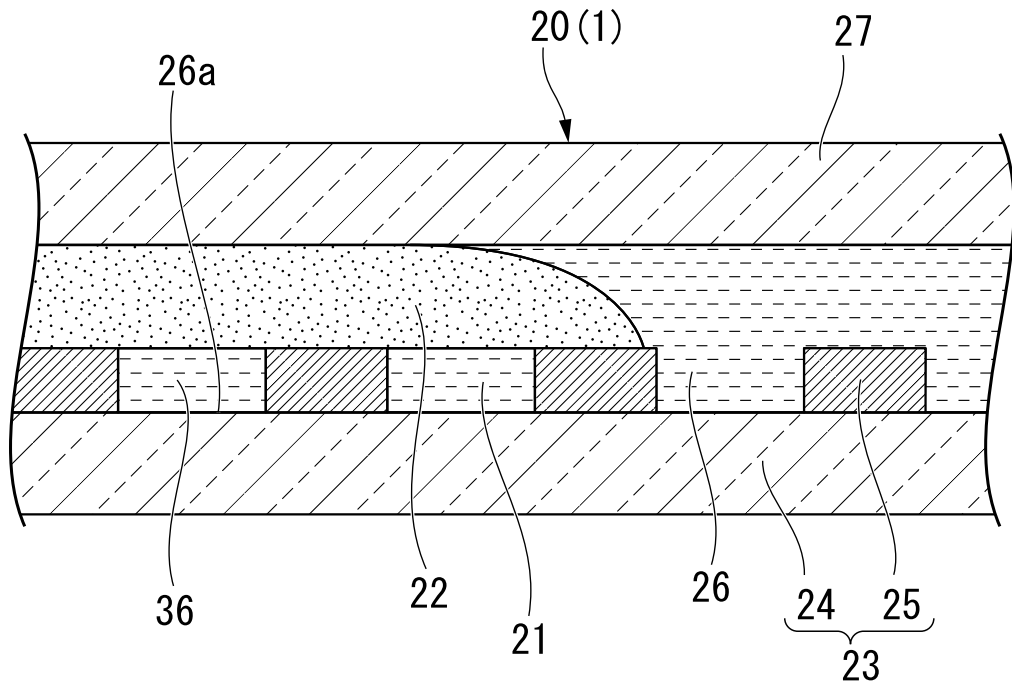
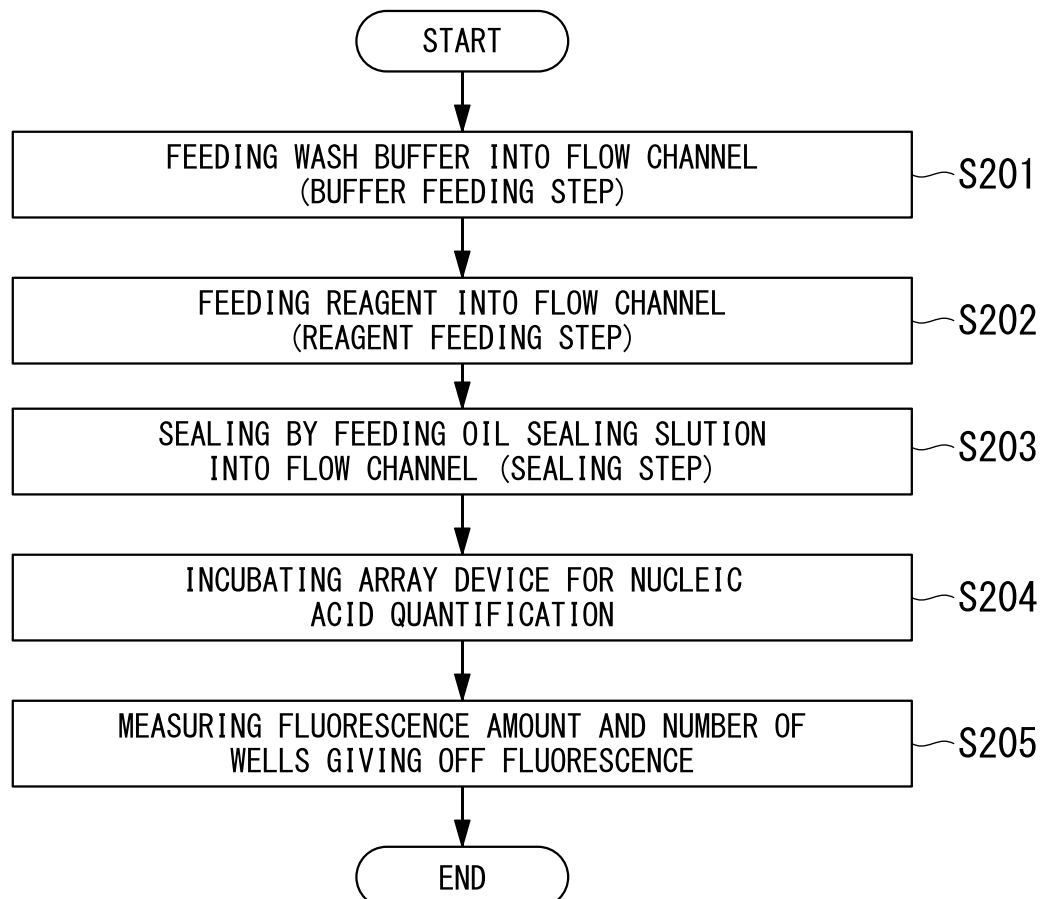
FIG. 8**FIG. 9**

FIG. 10

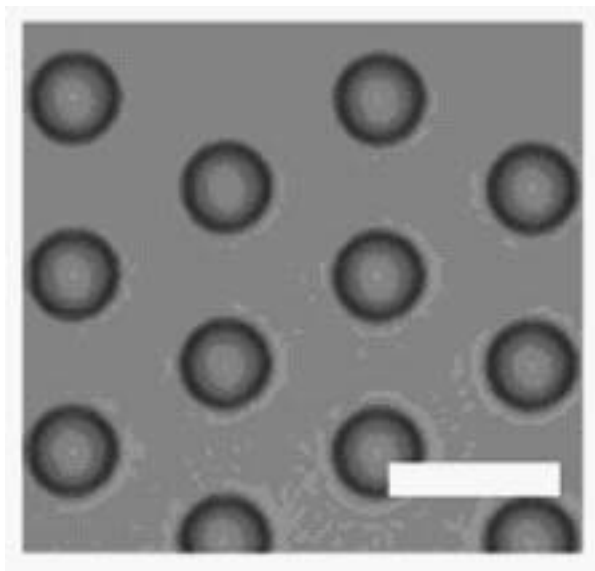


FIG. 11A

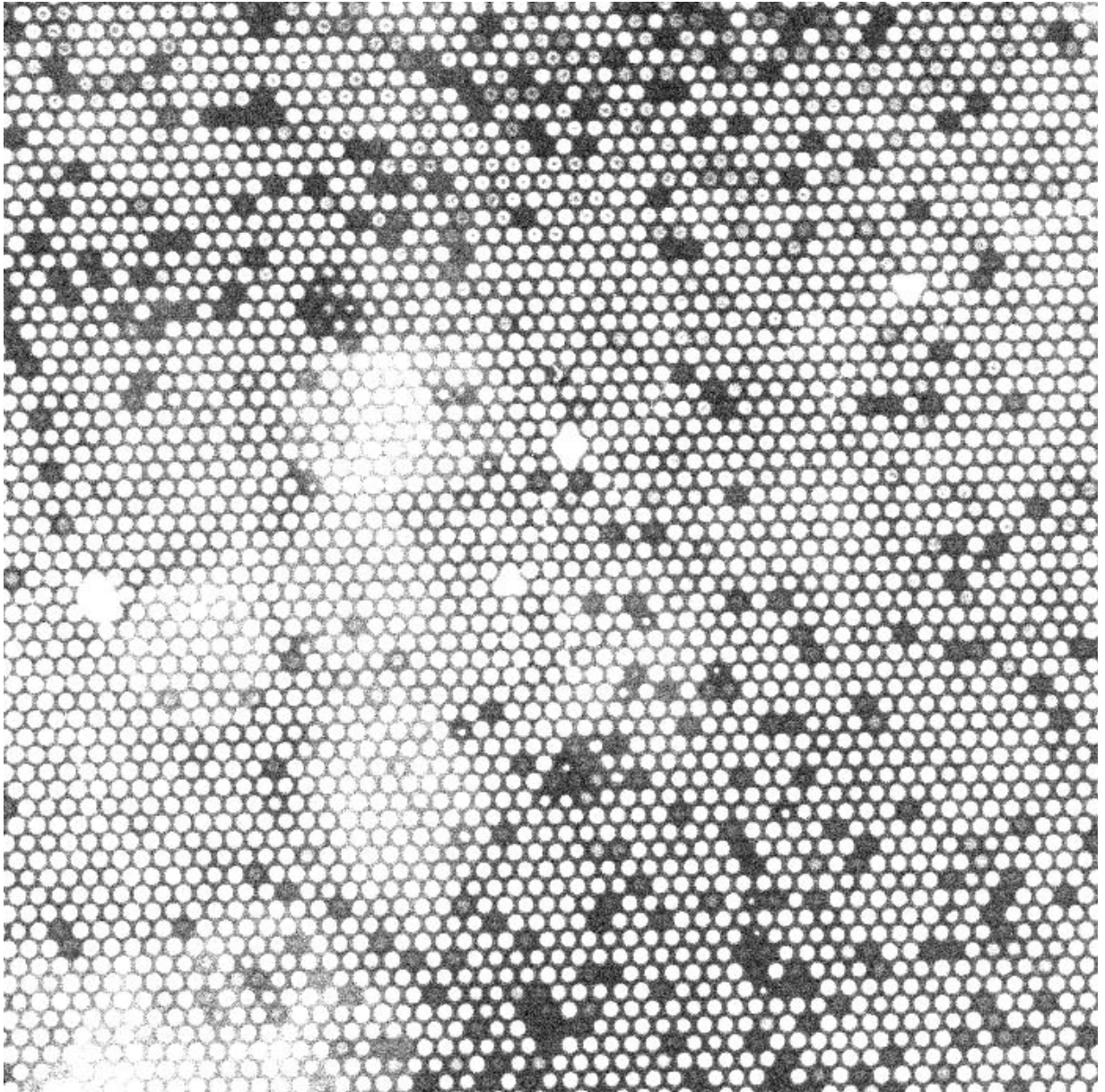


FIG. 11B

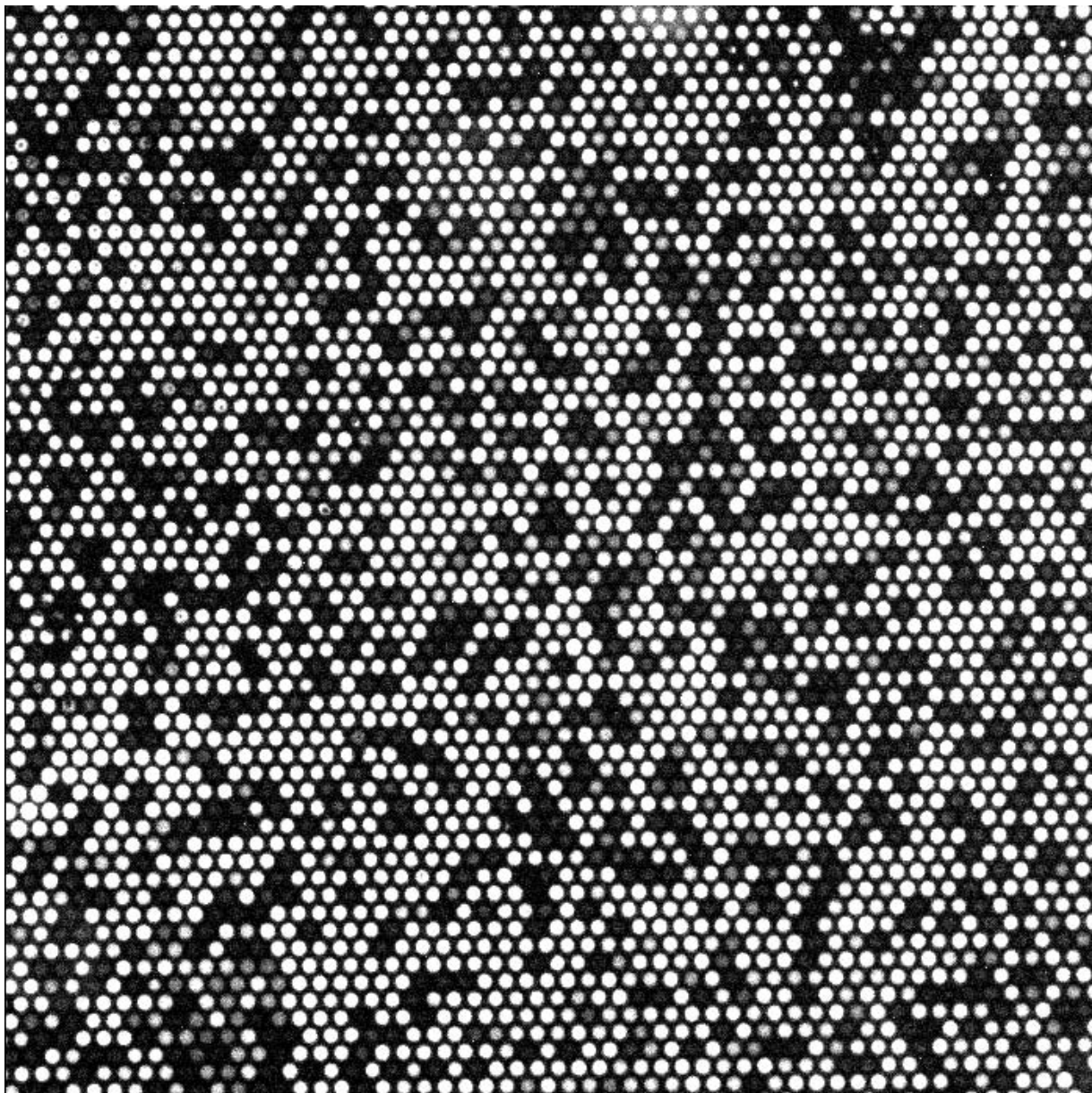


FIG. 11C

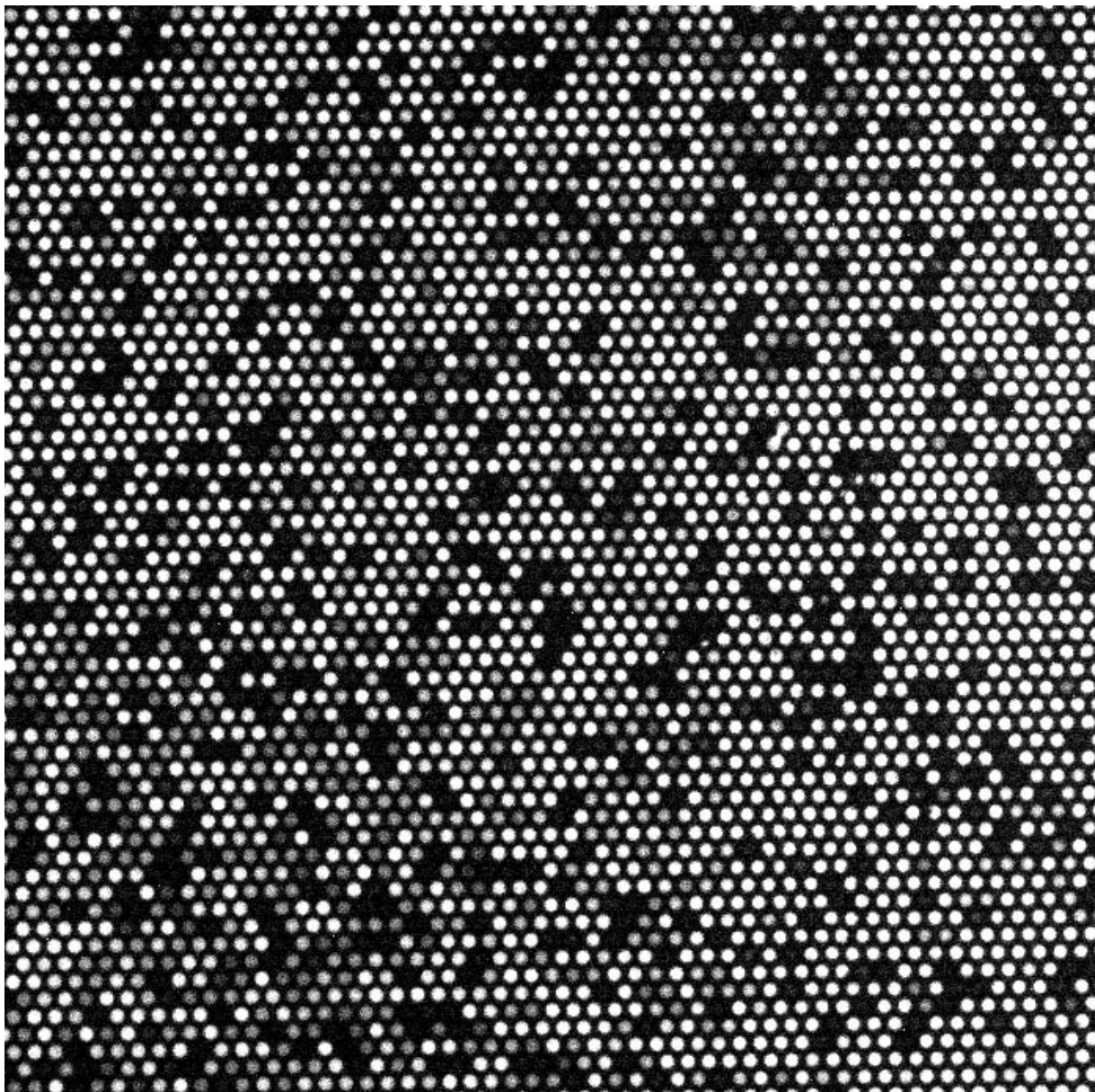


FIG. 11D

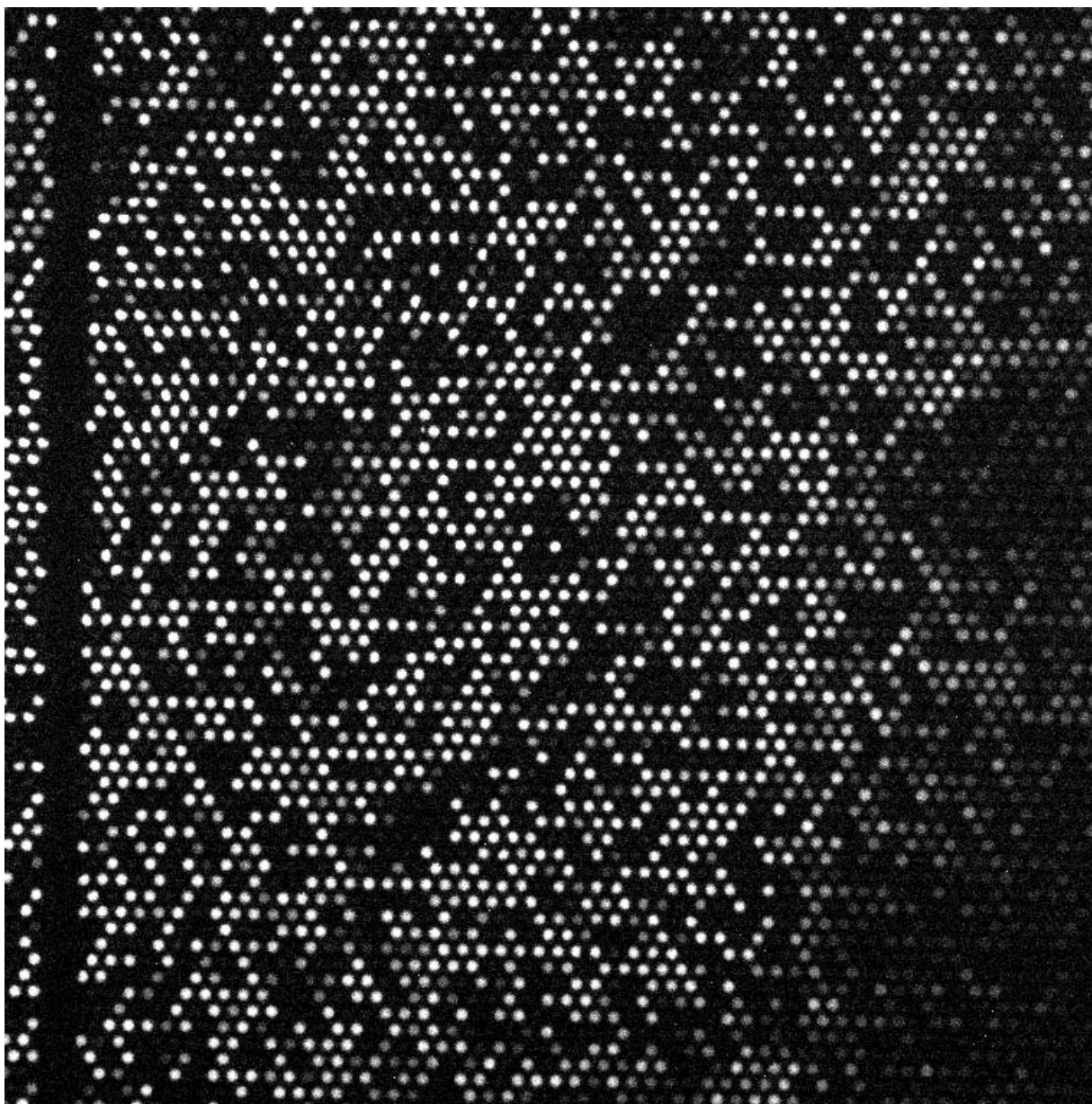


FIG. 11E

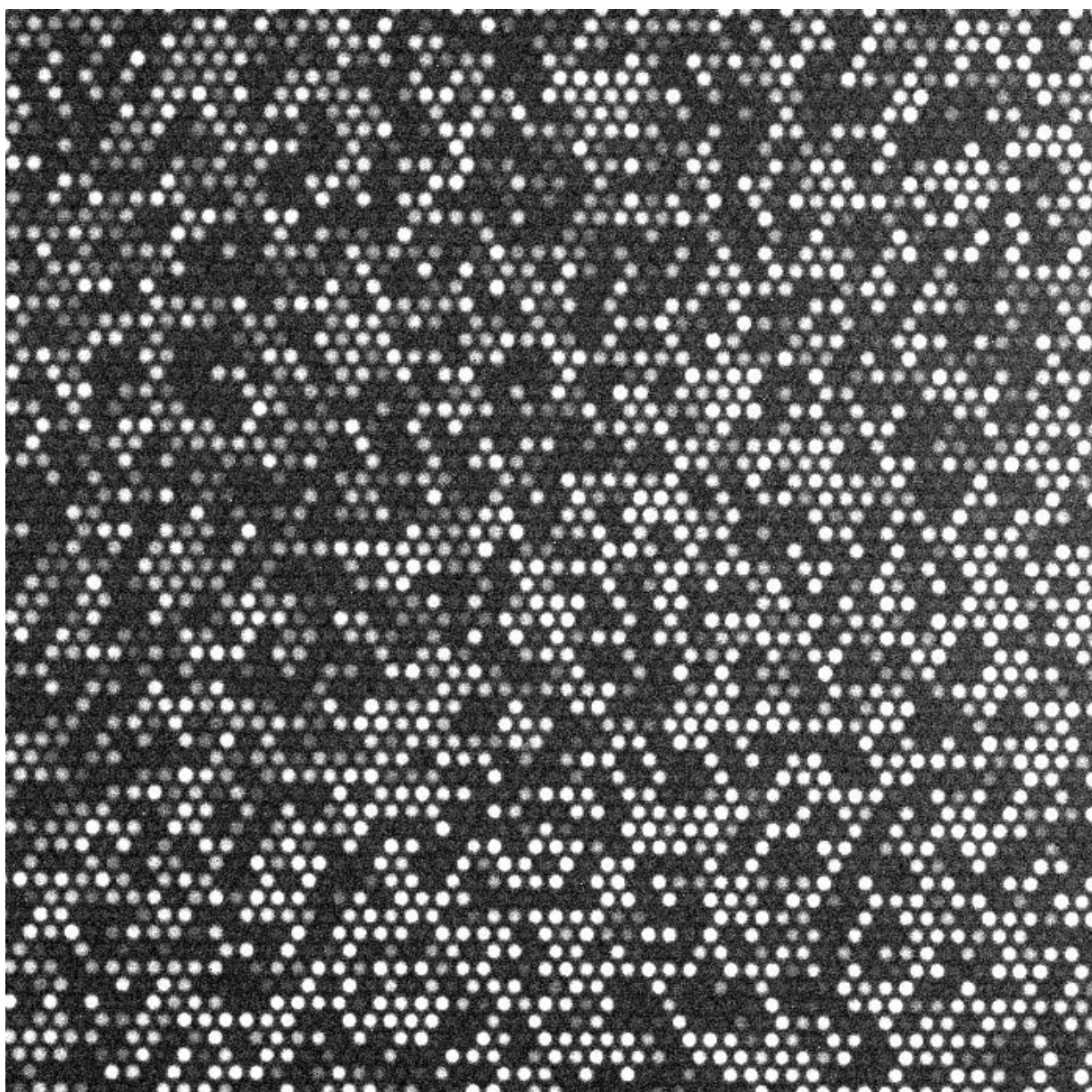


FIG. 11F

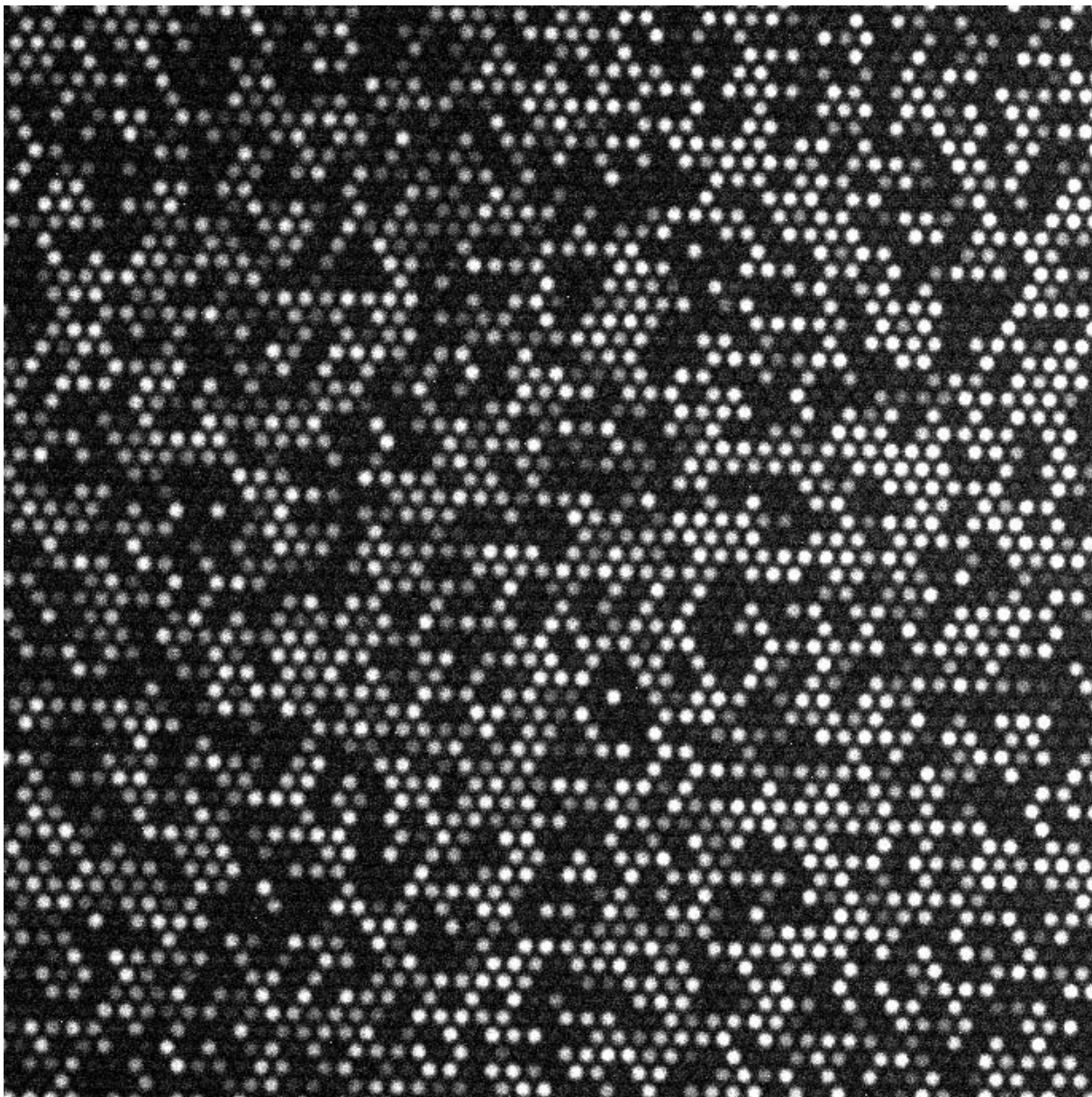


FIG. 11G

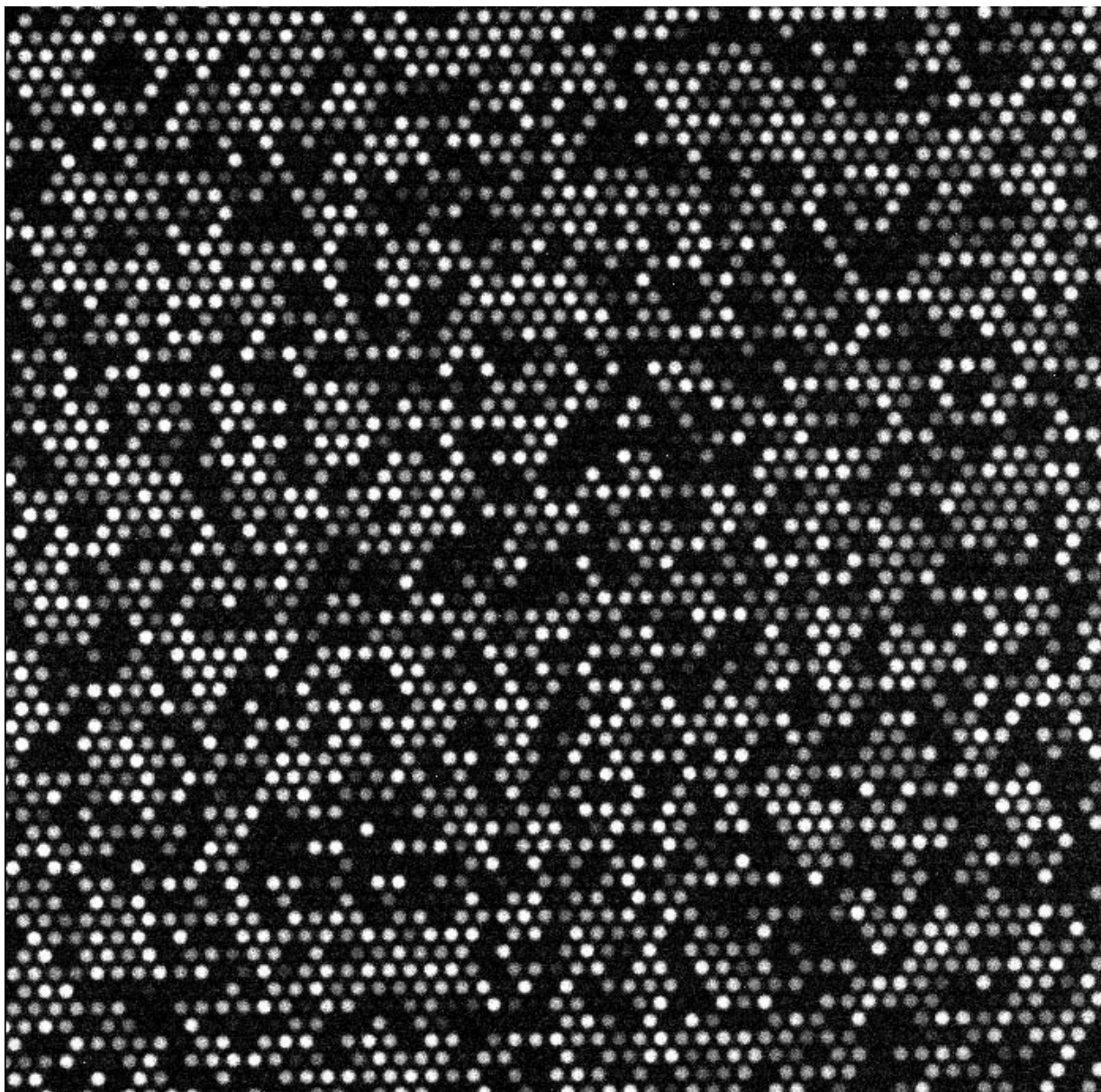


FIG. 11H

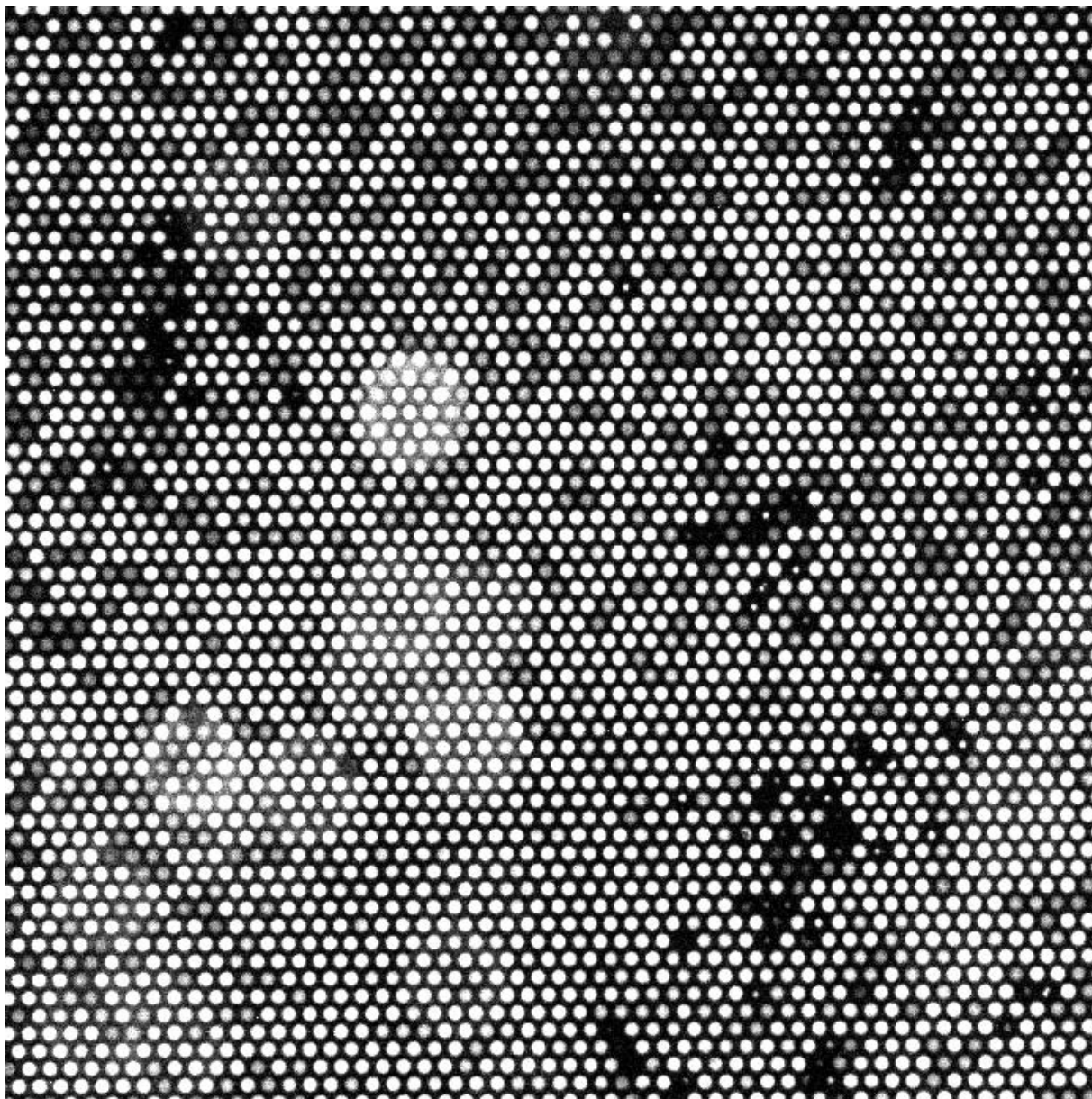


FIG. 11I

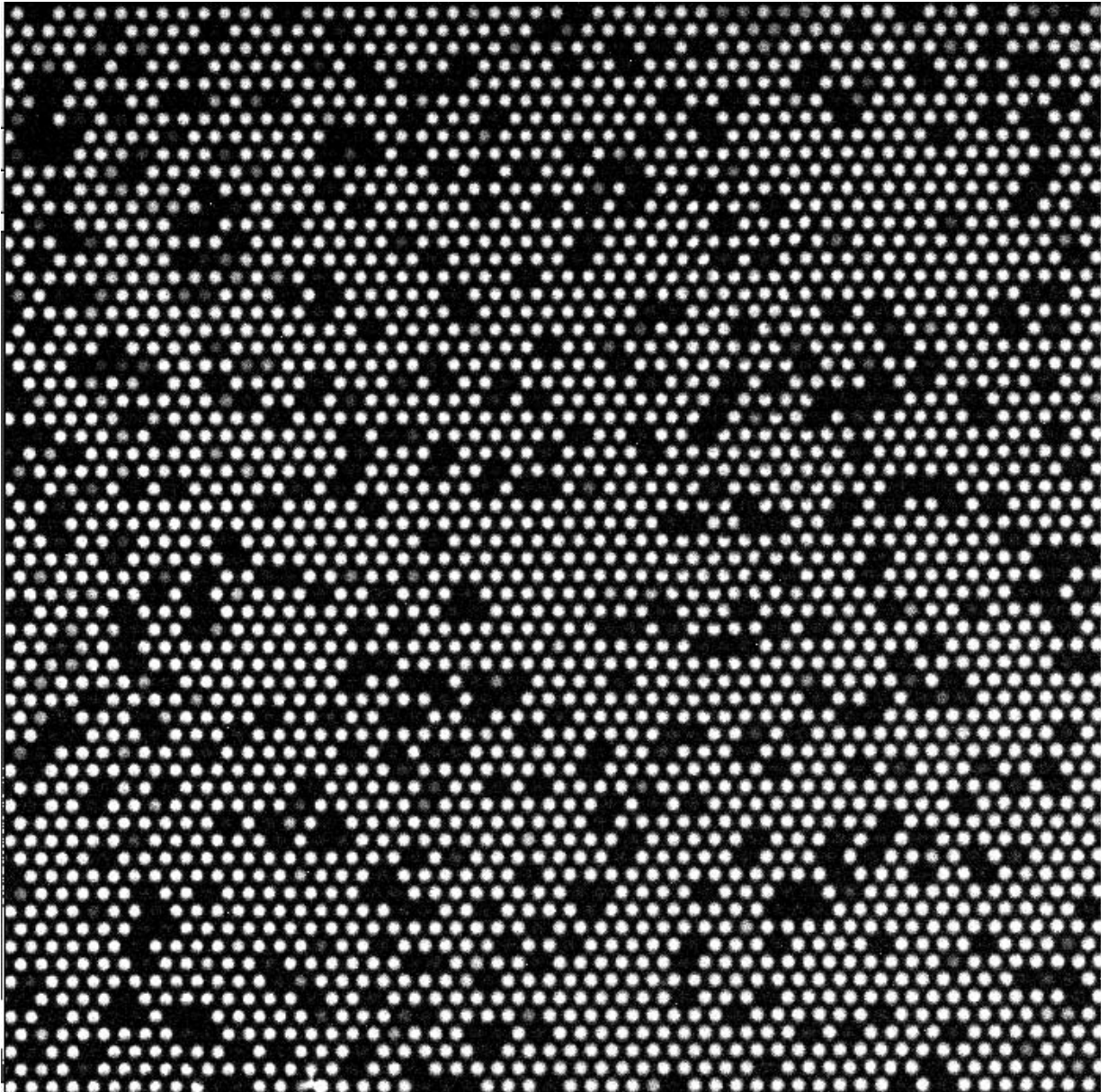


FIG. 11J

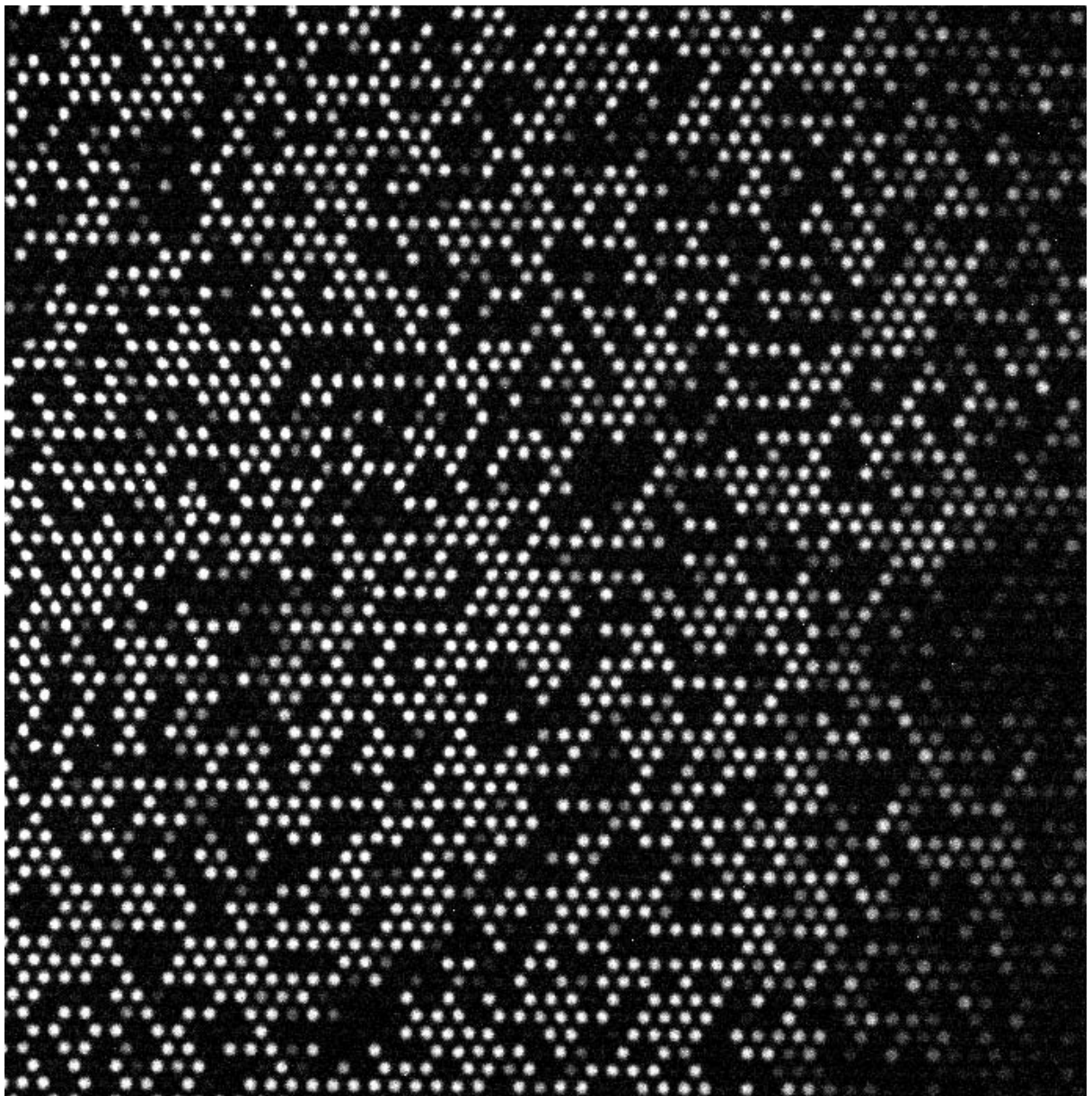


FIG. 11K

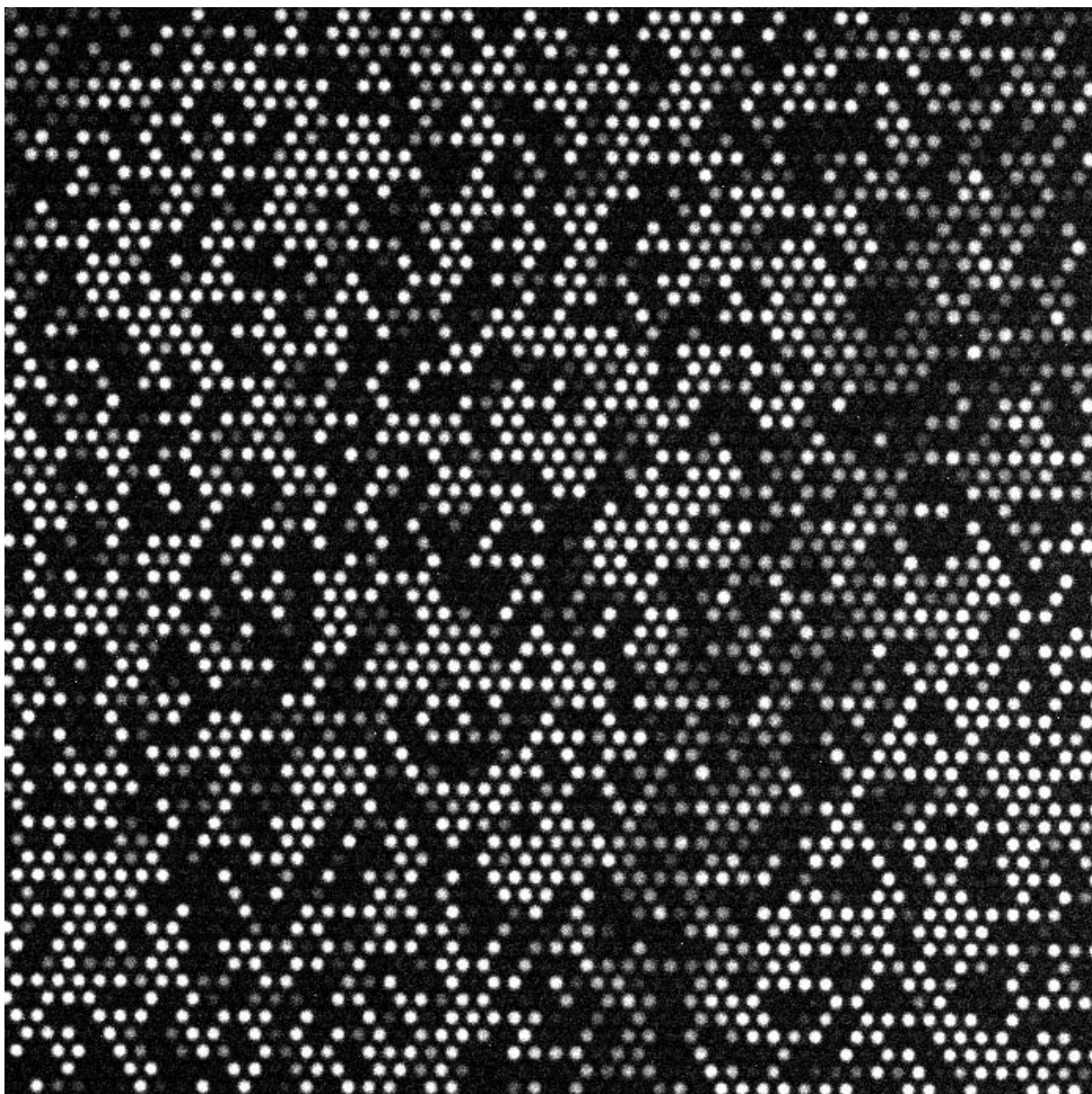


FIG. 11L

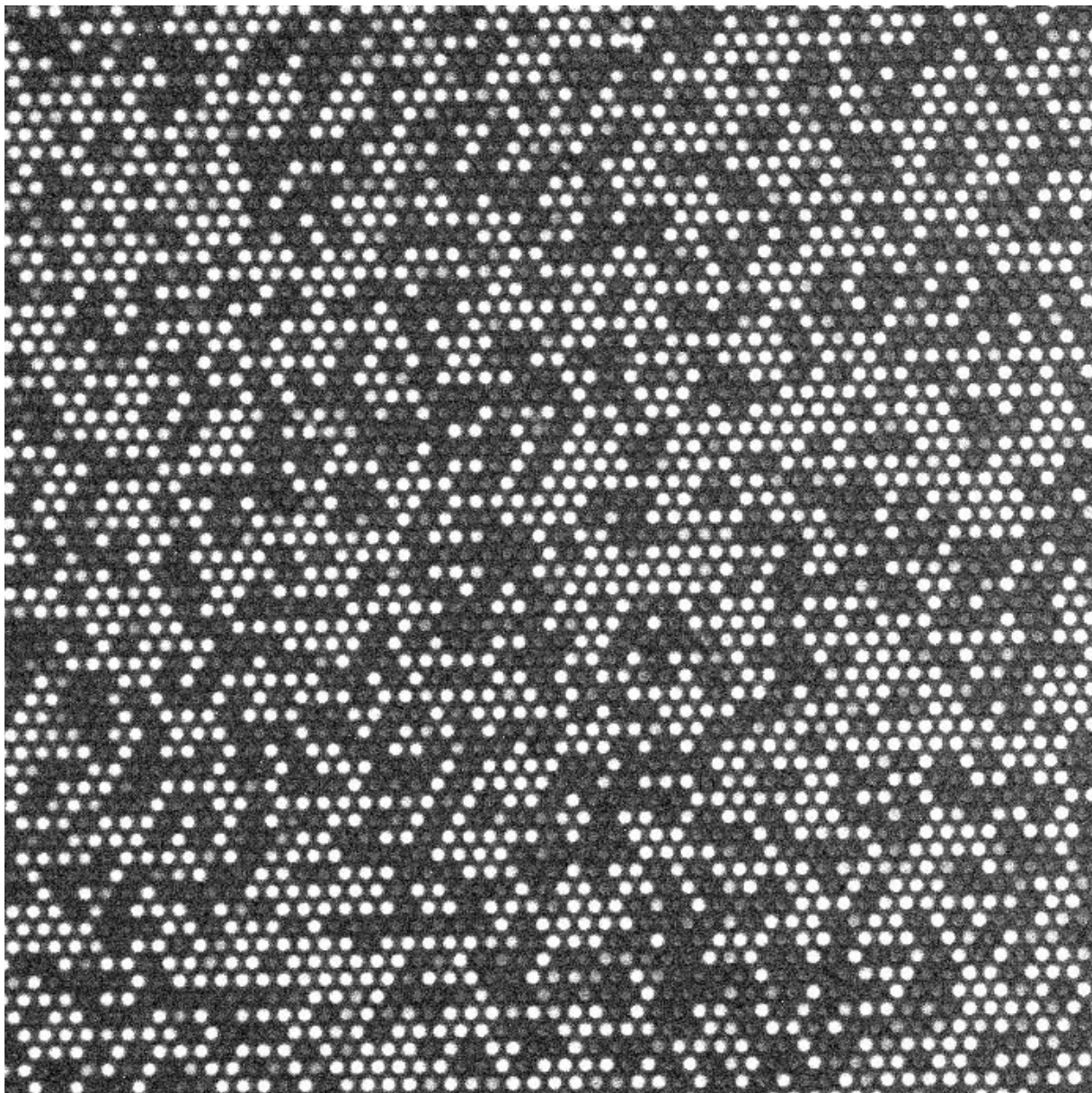


FIG. 11M

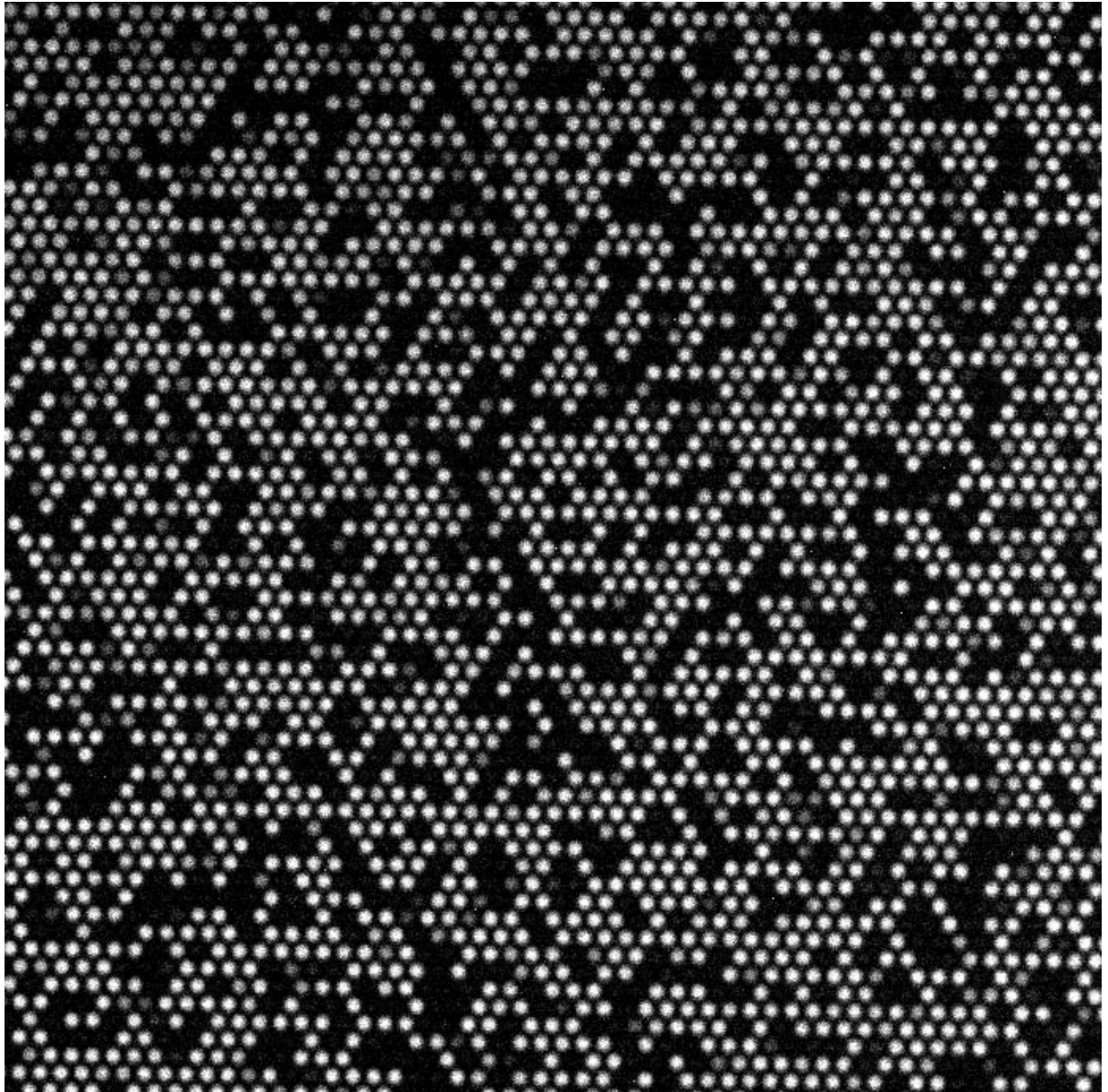
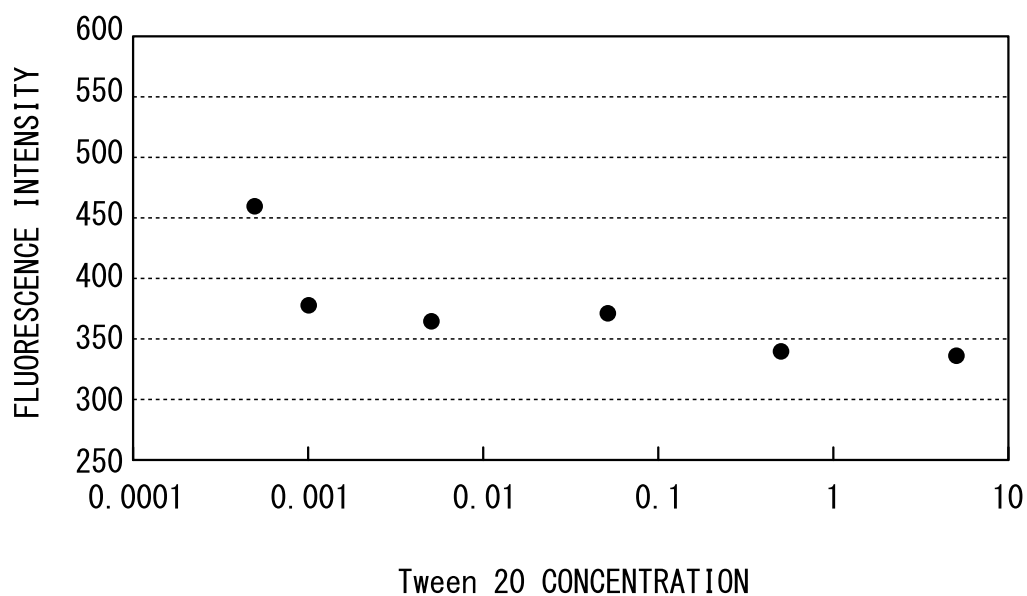


FIG. 12**FIG. 13**

SAMPLE No.	WASHING		REACTOIN REAGENT		RESULT	
	PERFORMED/ NOT PERFORMED	SURFACTANT	PRESENT /ABSENT	SURFACTANT	LIQUID DROPLET	REACTIVITY
1	PERFORMED	PRESENT	PRESENT	PRESENT	○	EXCELLENT
2	PERFORMED	PRESENT	PRESENT	ABSENT	○	EXCELLENT
3	PERFORMED	ABSENT	PRESENT	PRESENT	○	EXCELLENT
4	PERFORMED	ABSENT	PRESENT	ABSENT	△	EXCELLENT
5	NOT PERFORMED	—	PRESENT	PRESENT	○	EXCELLENT
6	NOT PERFORMED	—	PRESENT	ABSENT	×	EXCELLENT

FIG. 14A

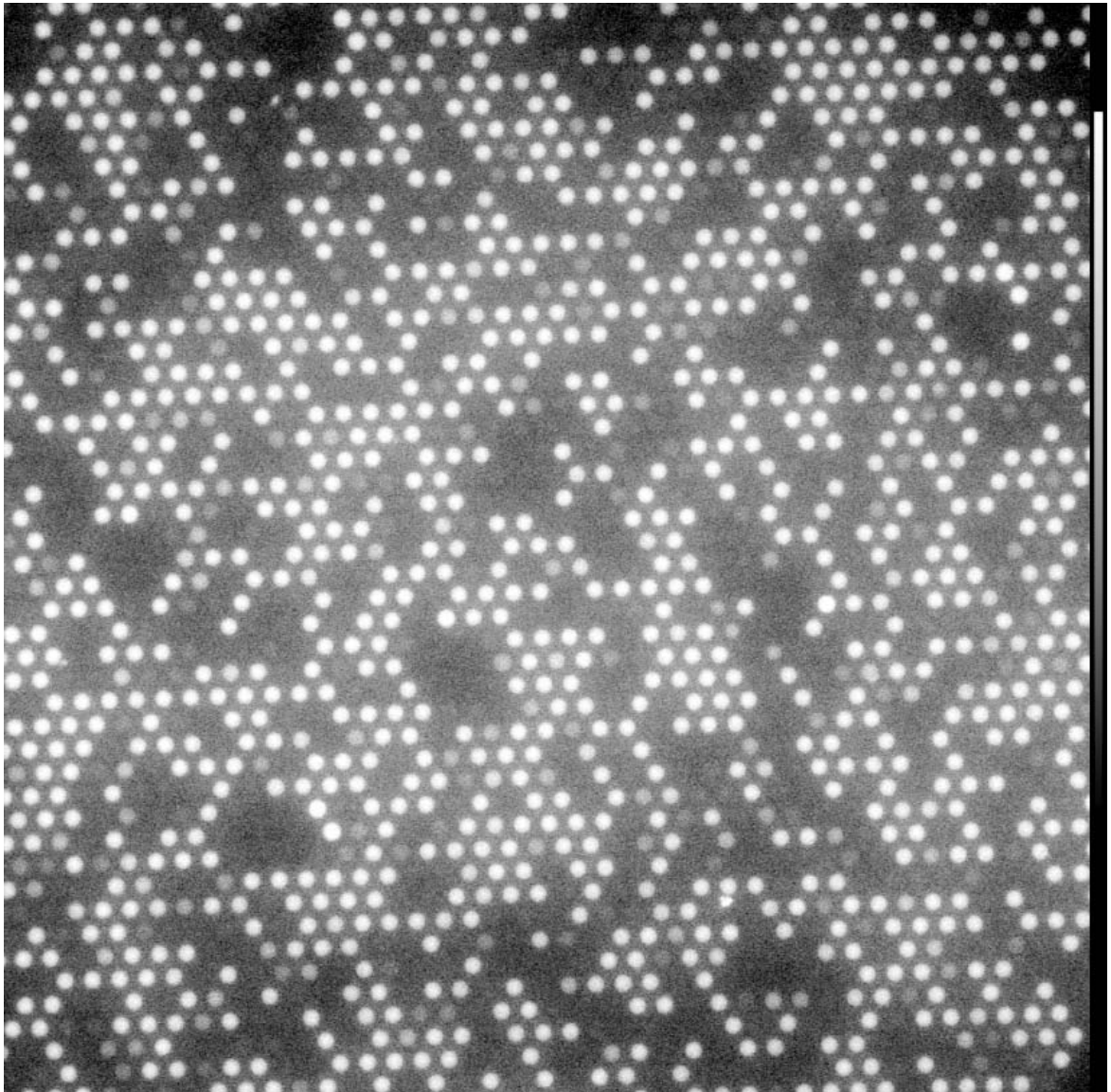


FIG. 14B

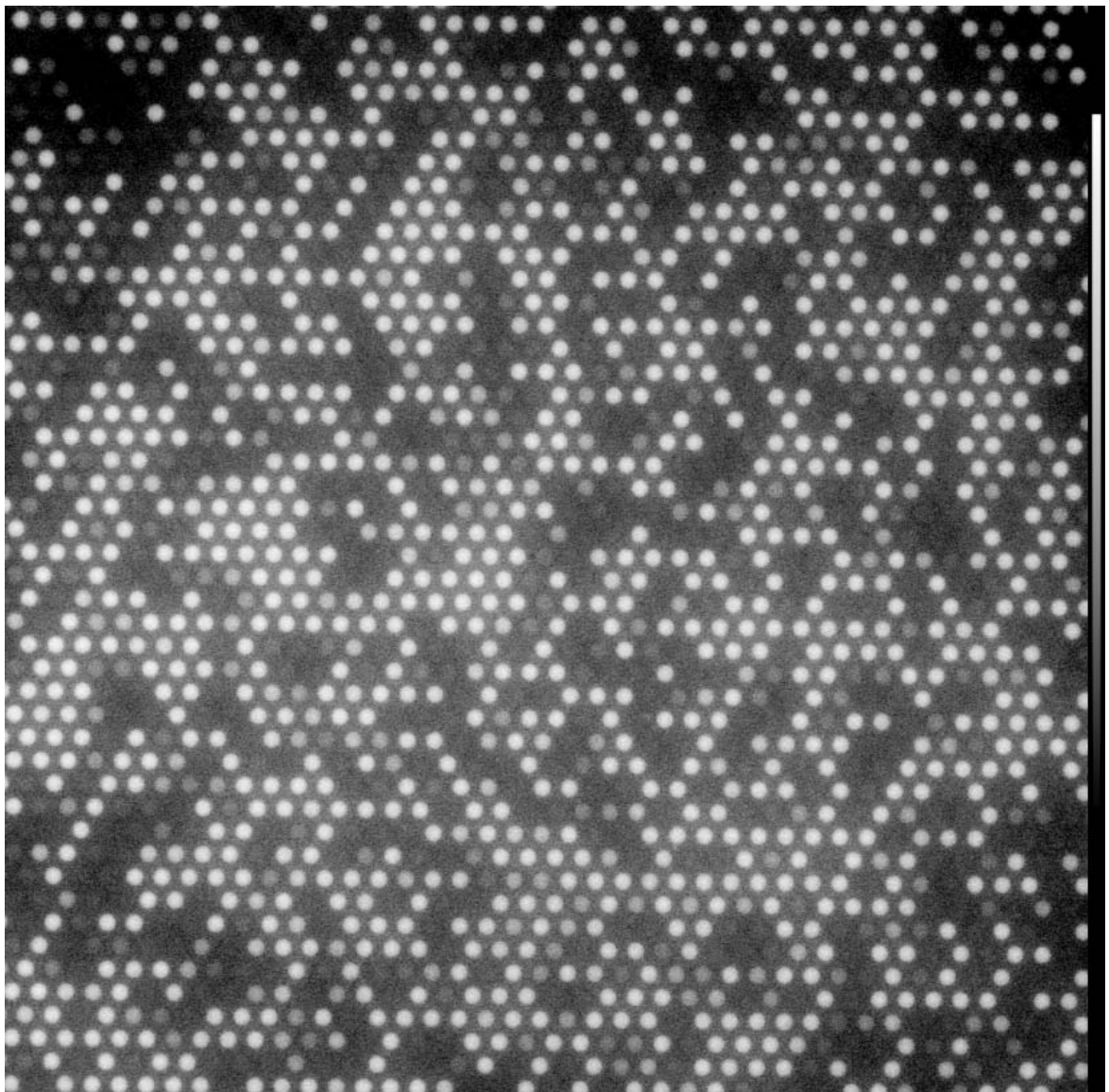


FIG. 14C

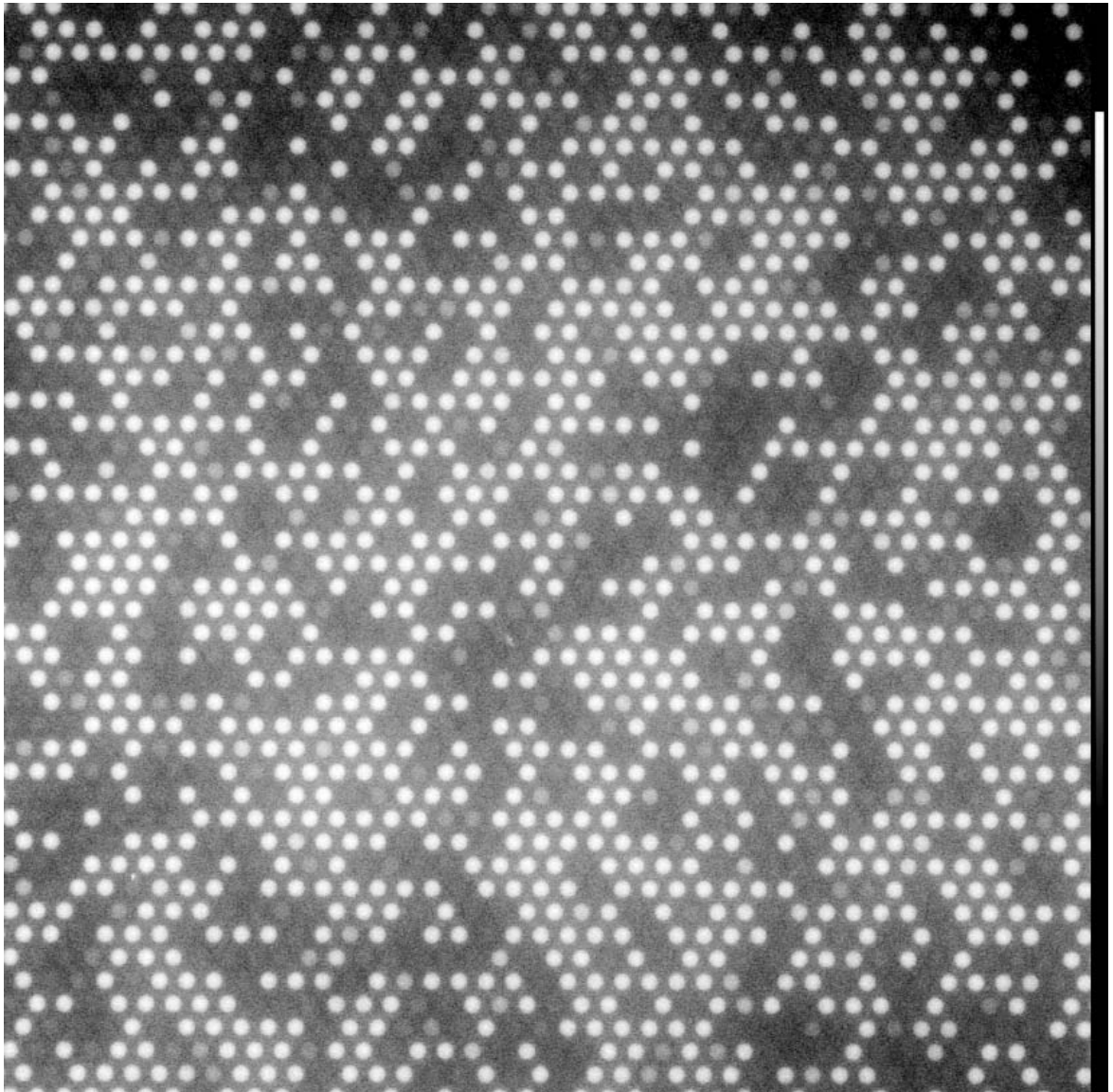


FIG. 14D

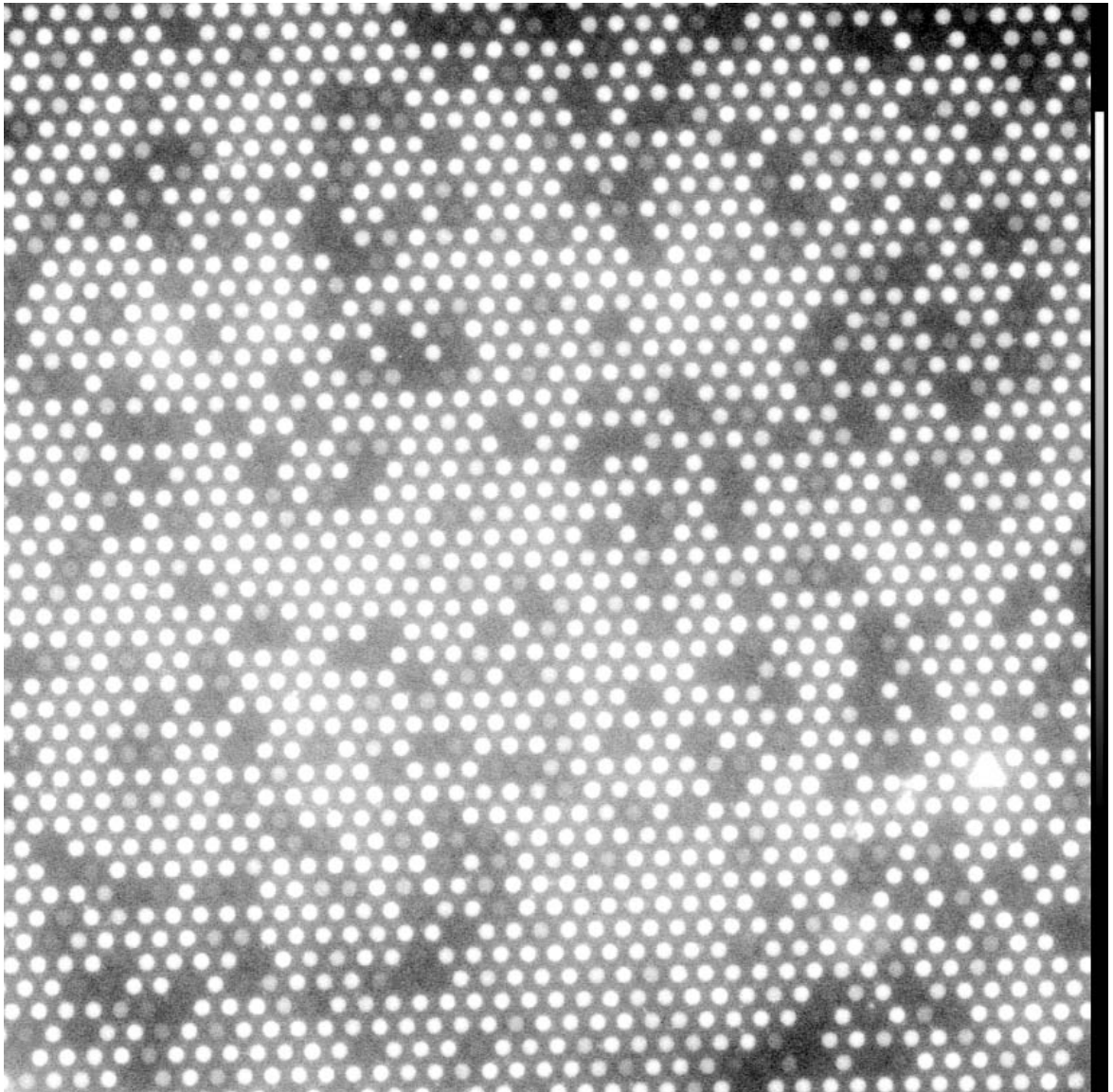


FIG. 14E

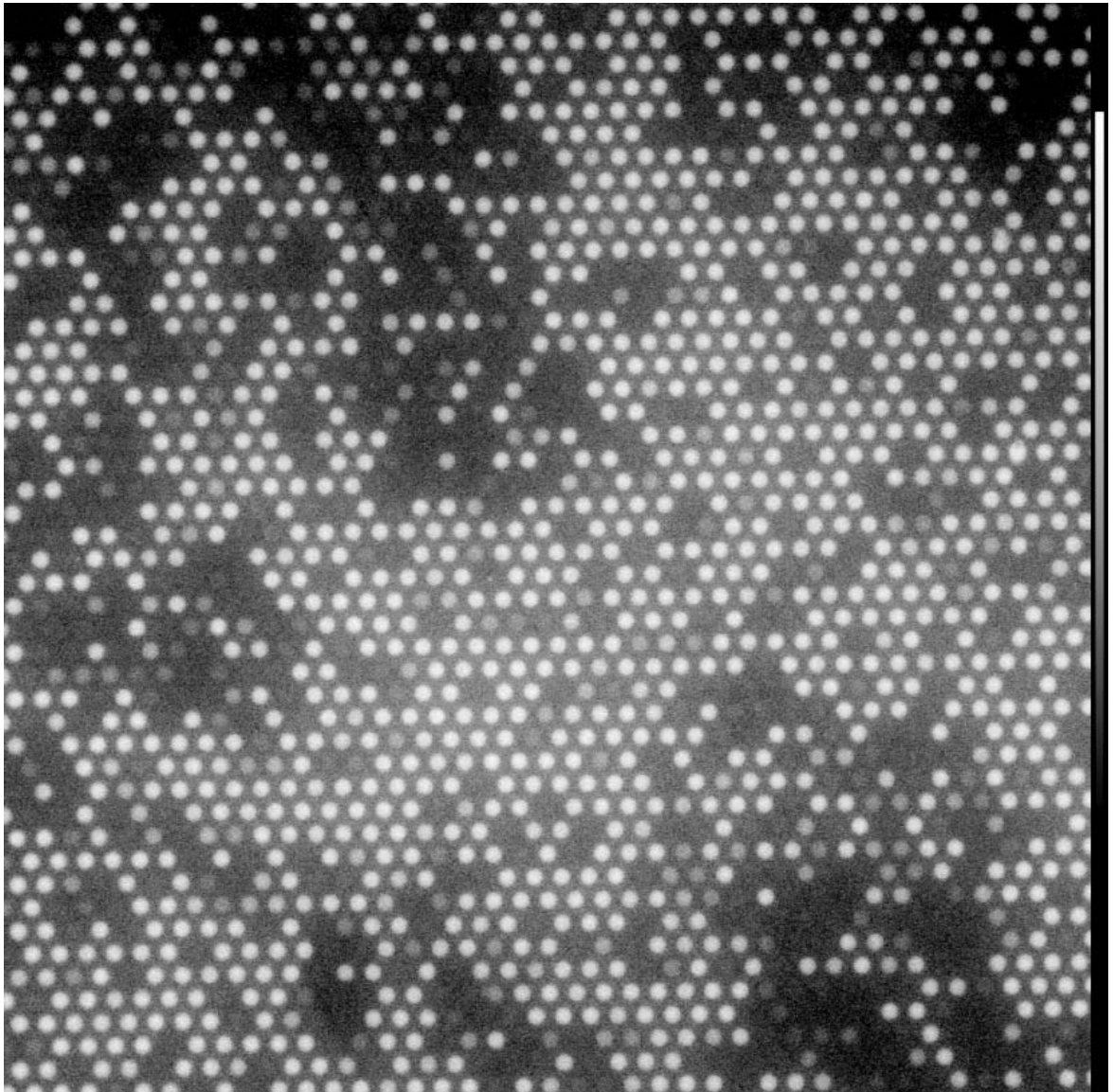


FIG. 14F

