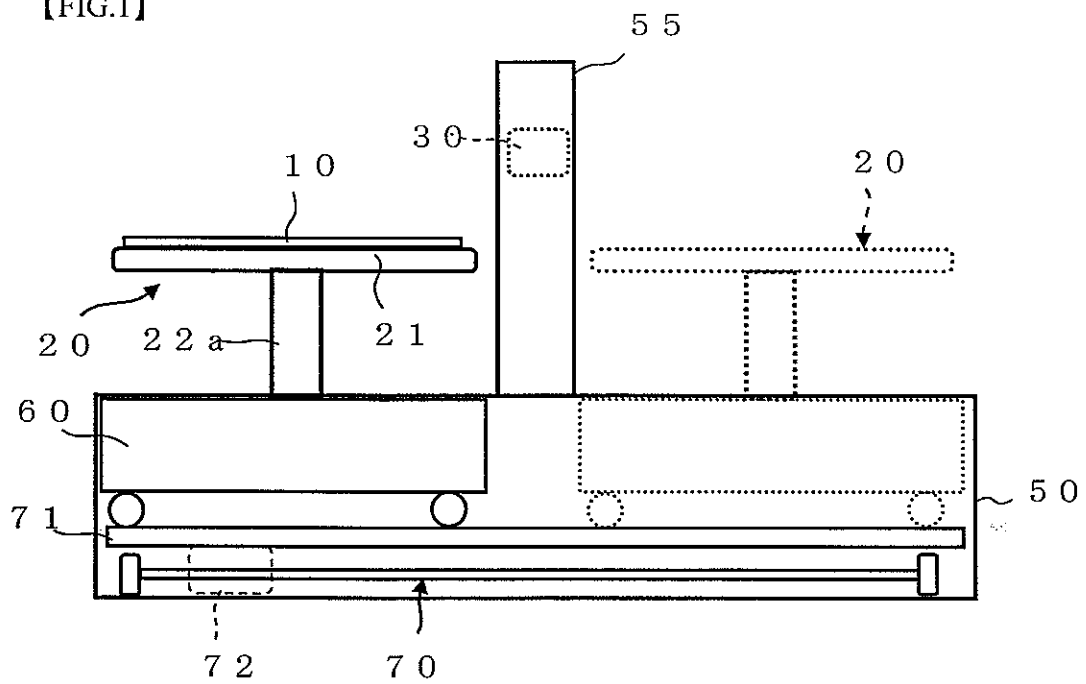
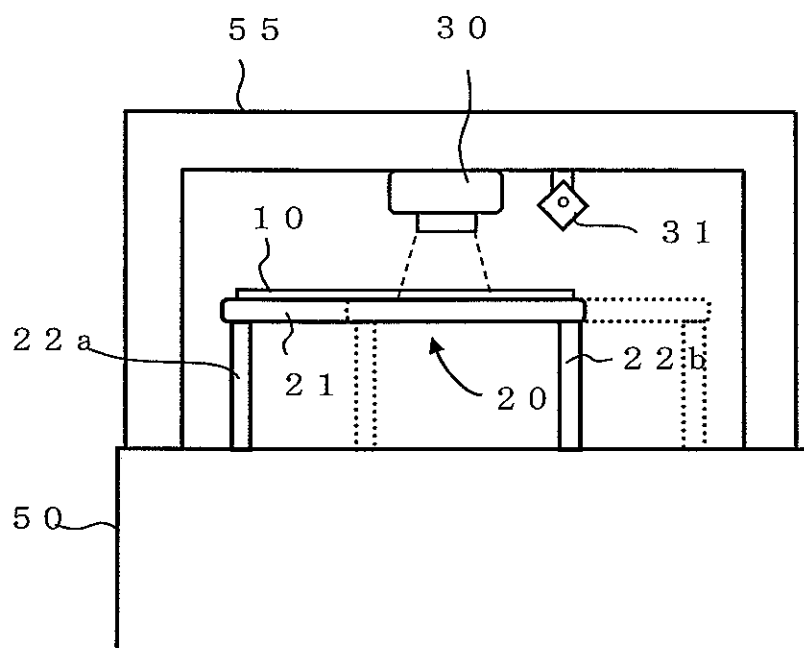


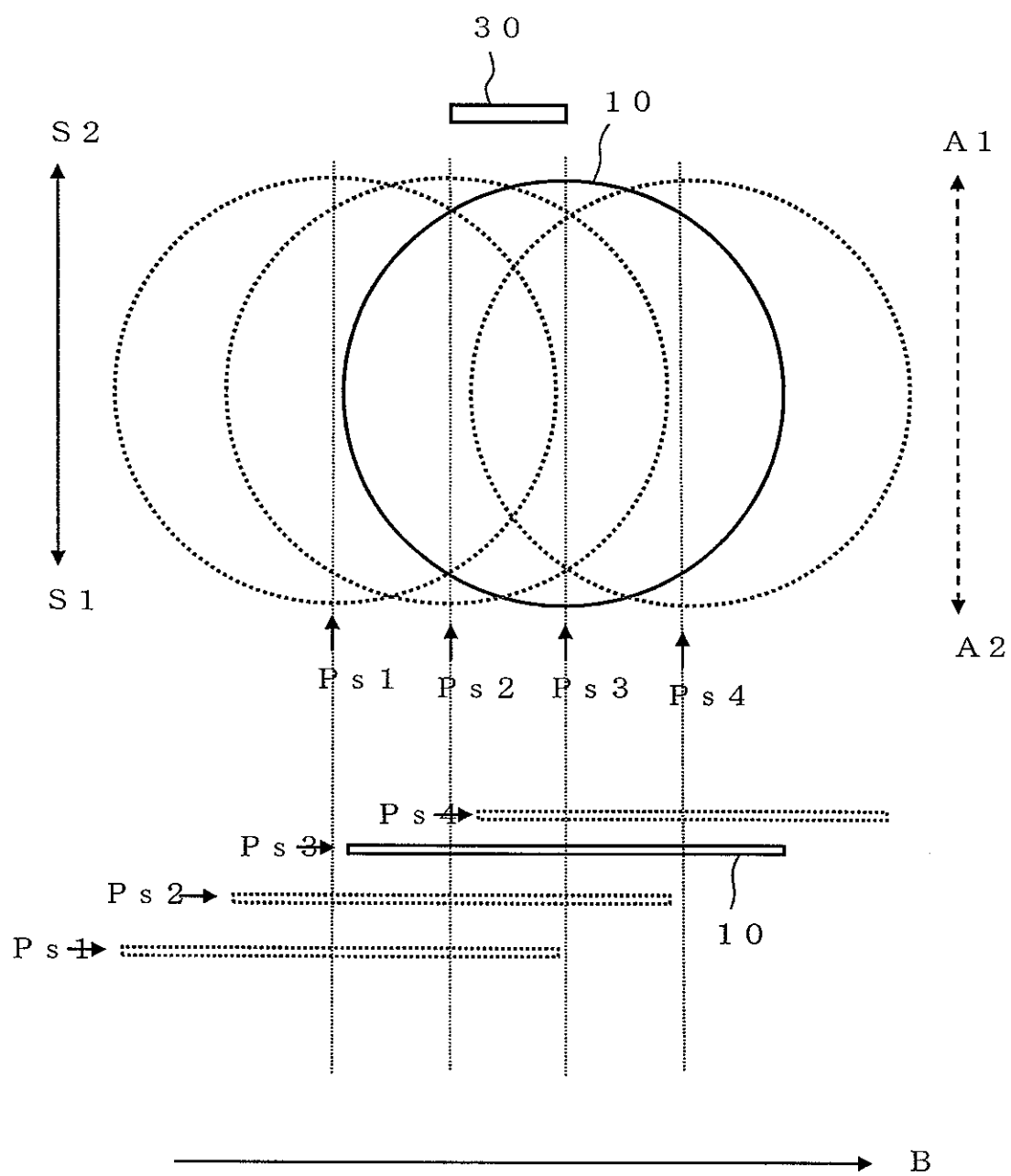
【FIG.1】



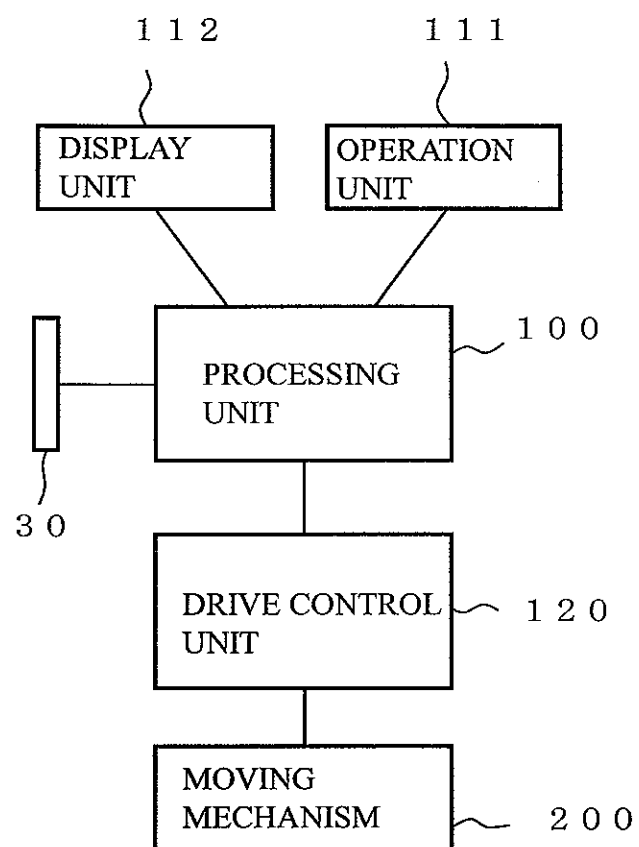
【FIG.2】



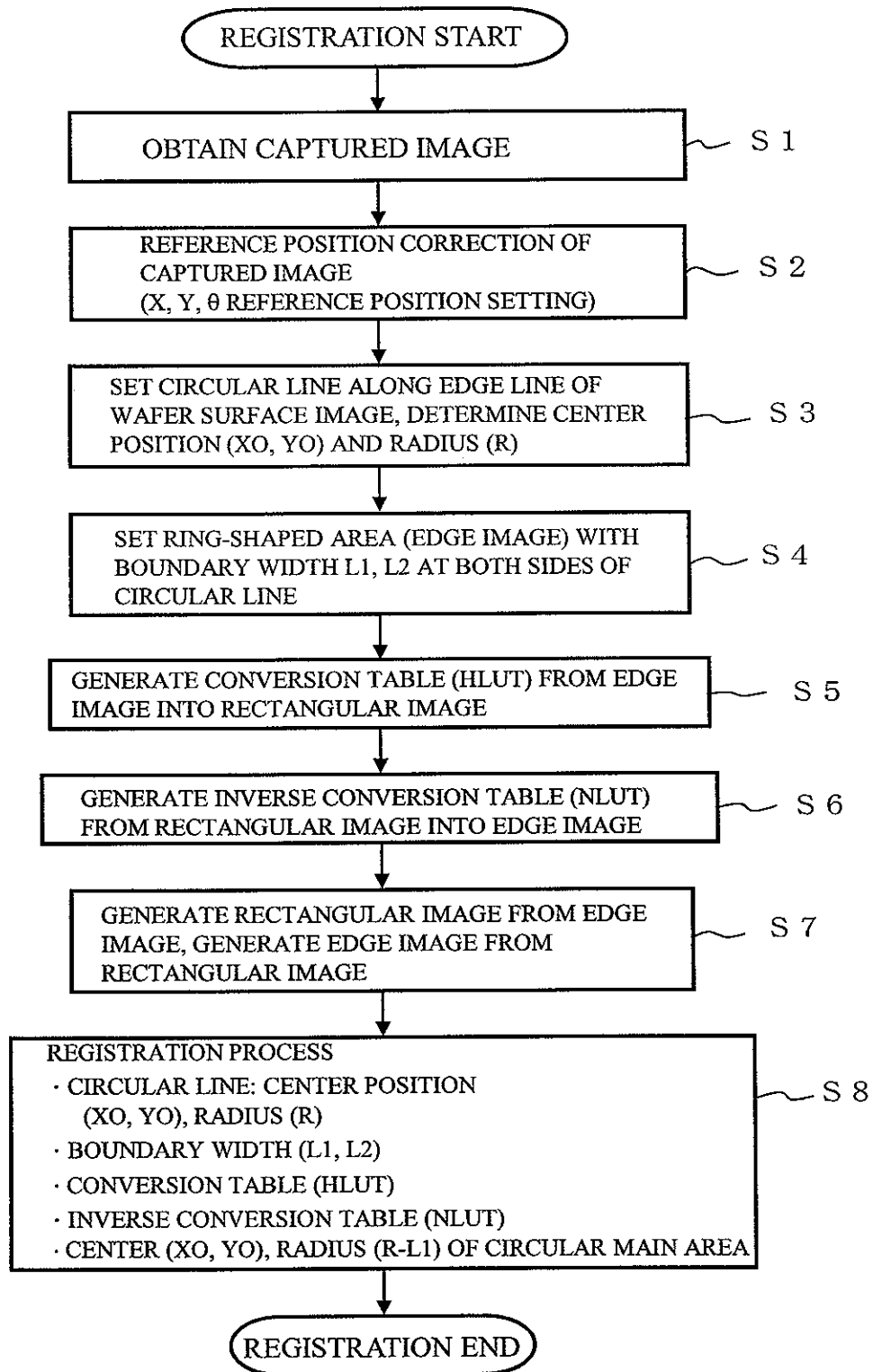
【FIG.3】



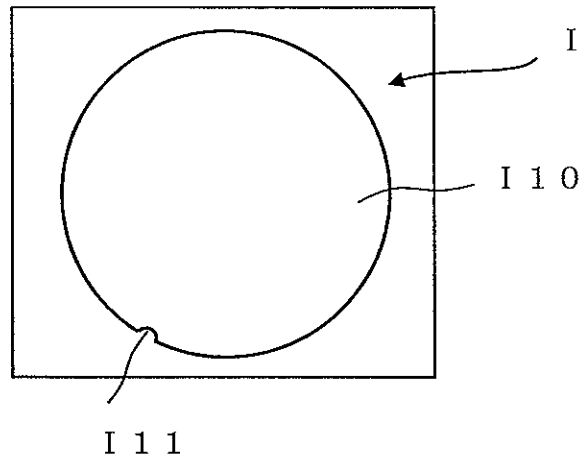
【FIG.4】



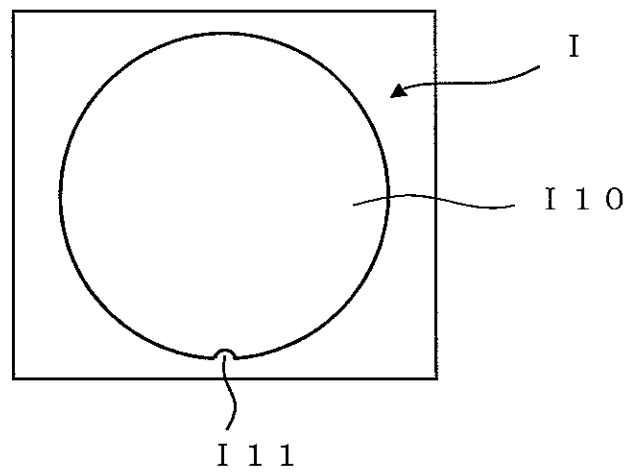
【FIG.5】



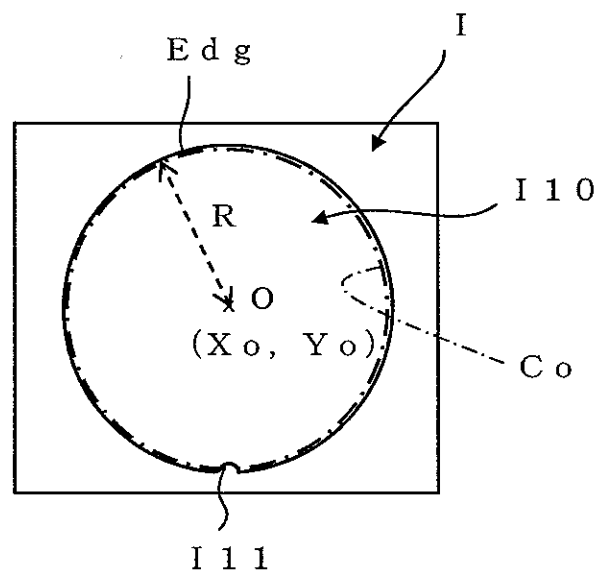
【FIG.6A】



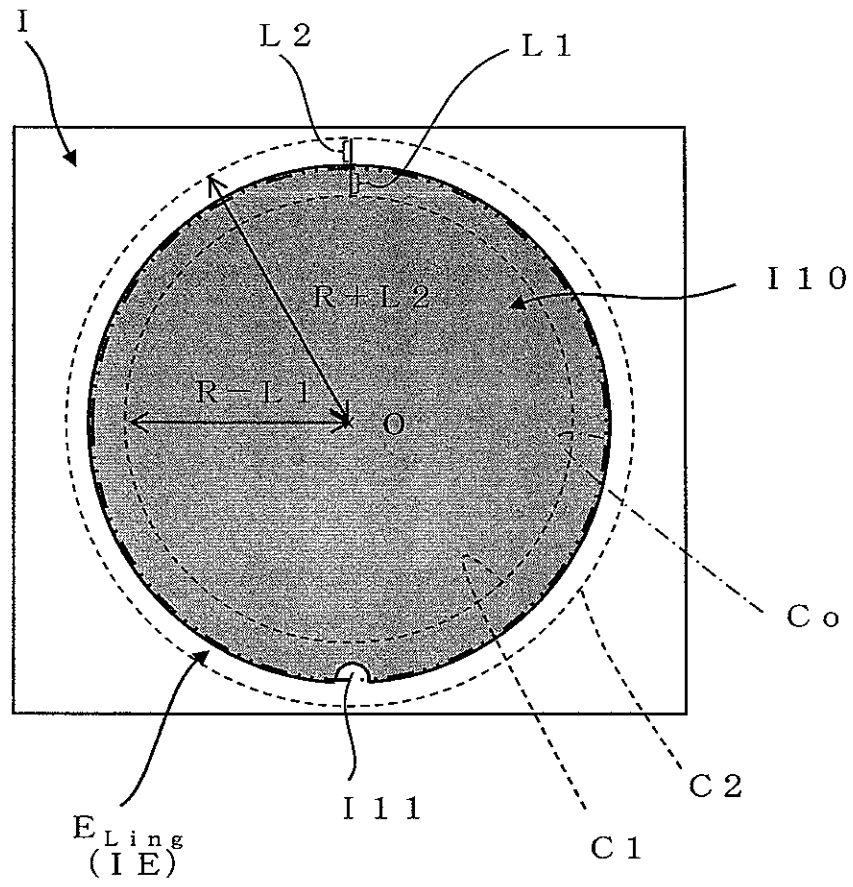
【FIG.6B】



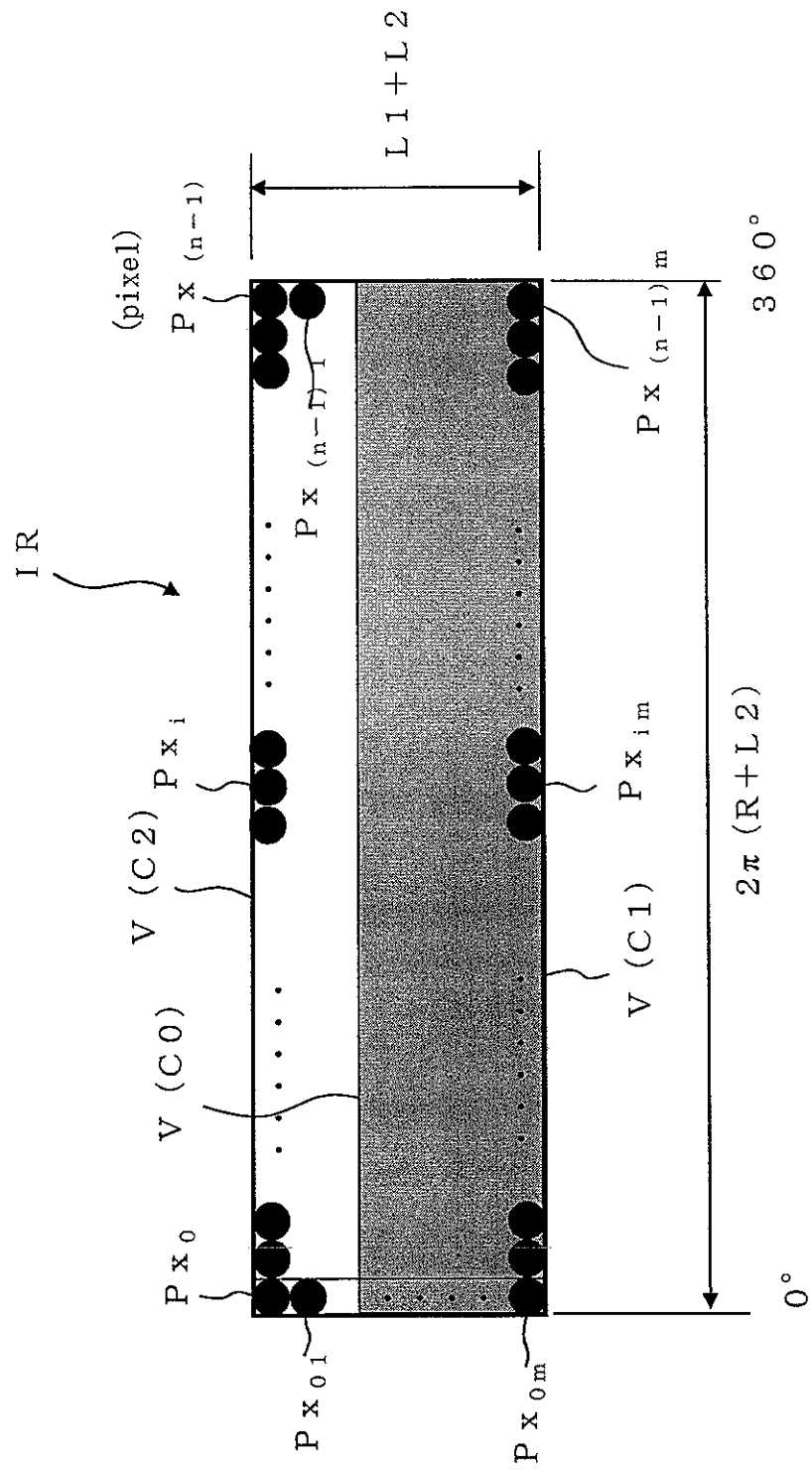
【FIG.6C】



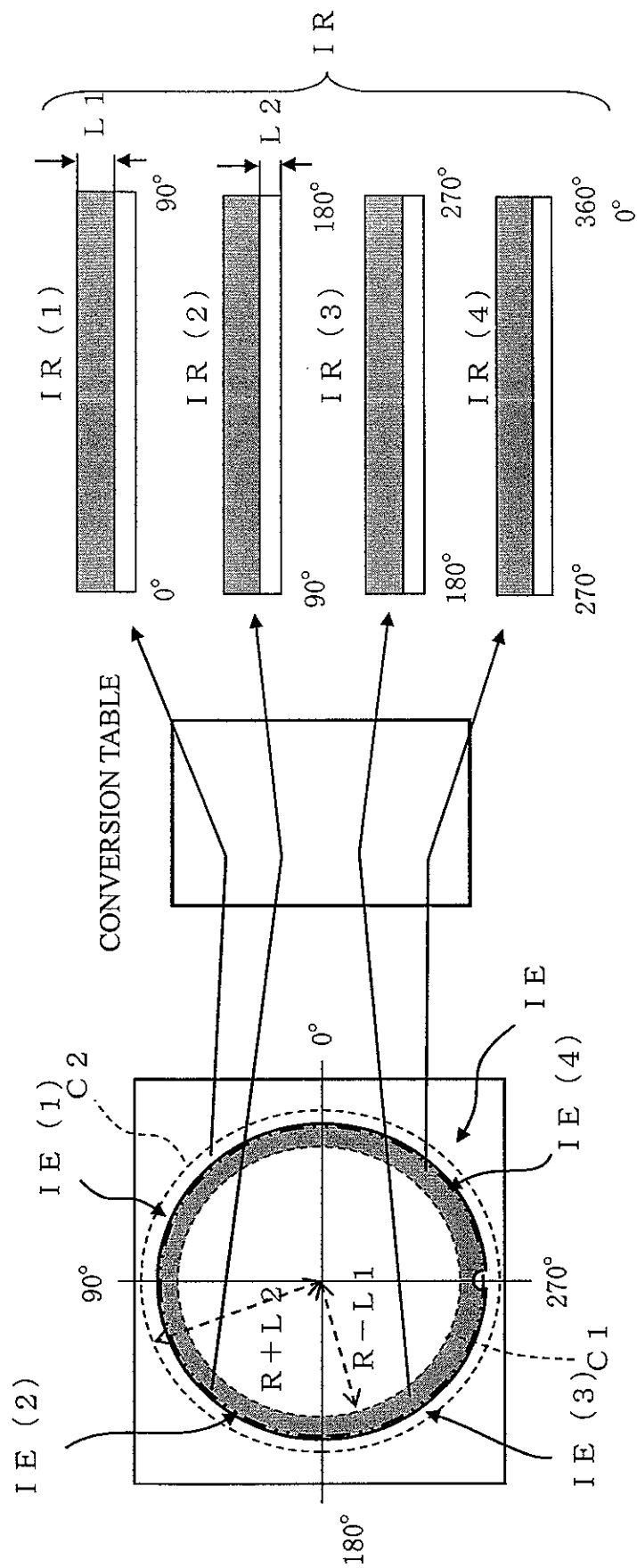
【FIG.7】



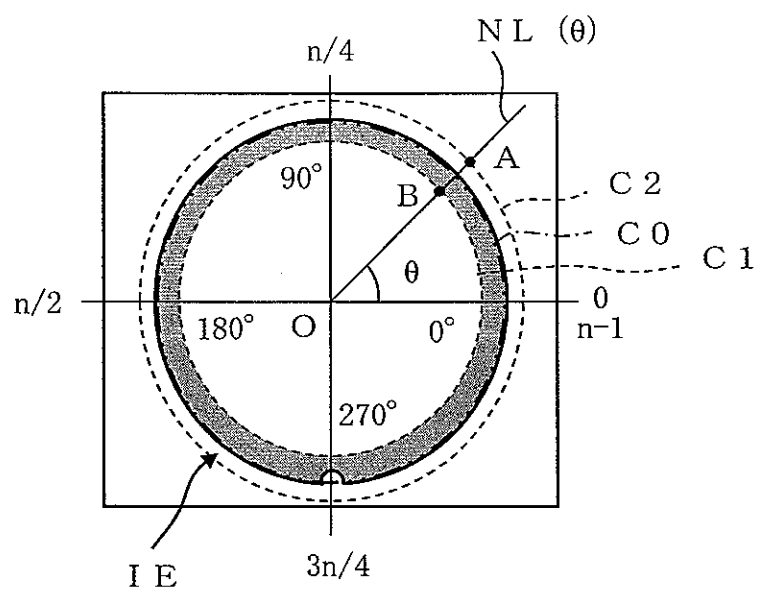
【FIG.8】



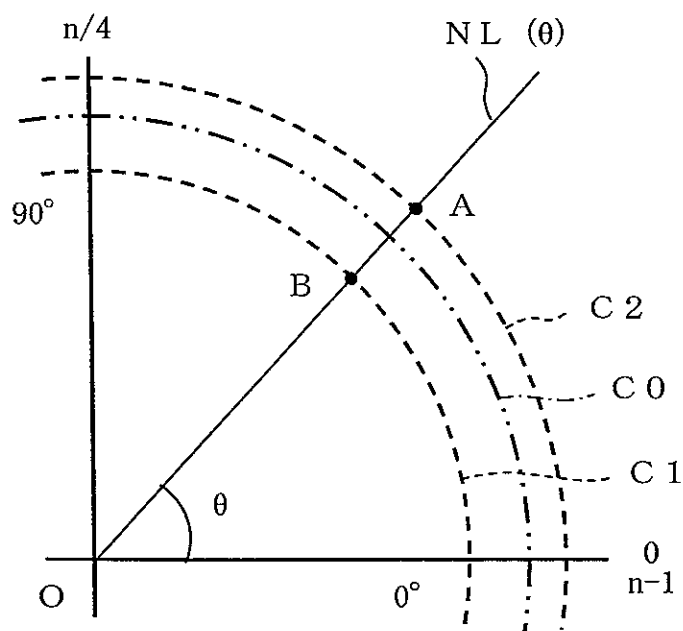
【FIG.9】



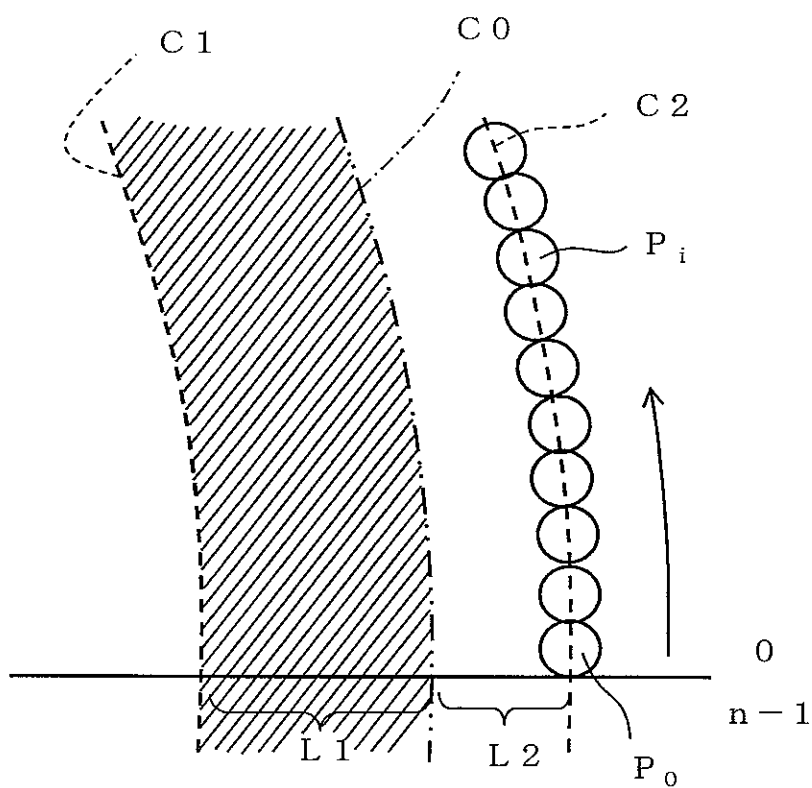
【FIG.10A】



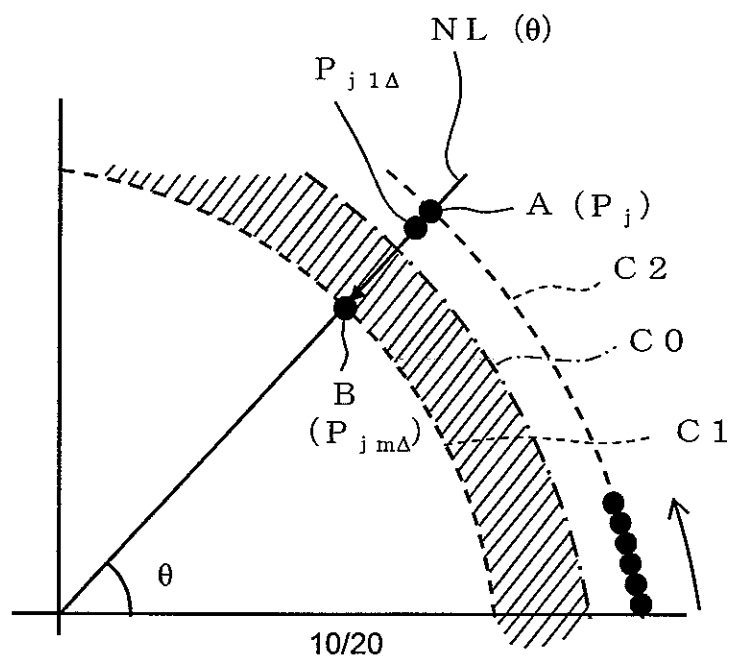
【FIG.10B】



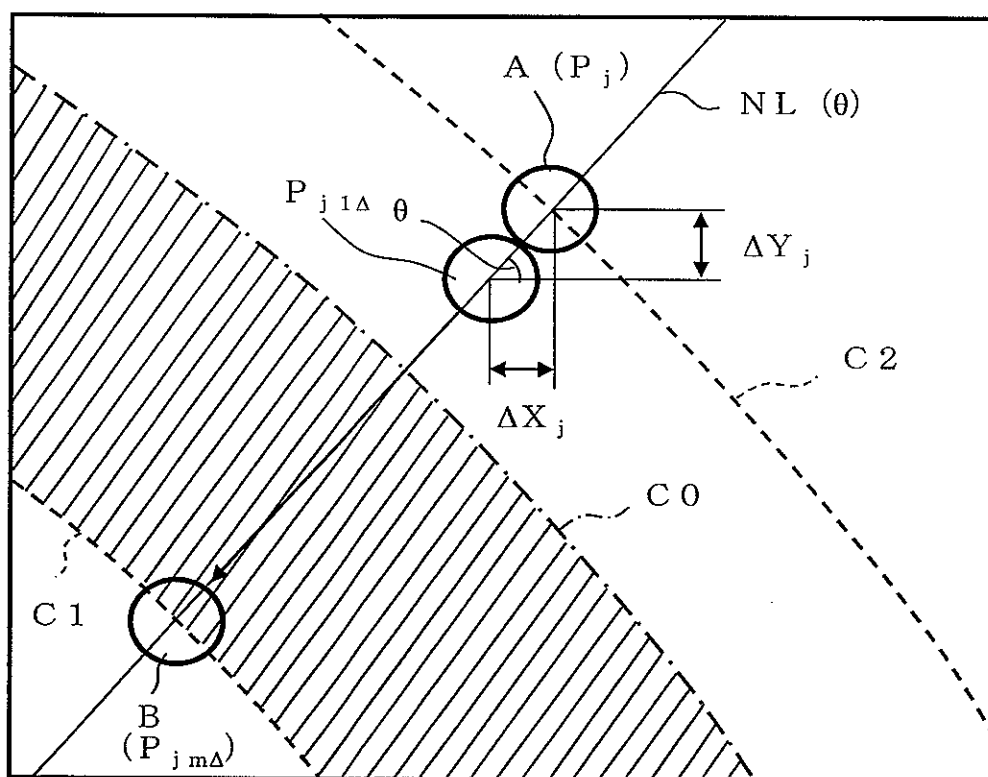
【FIG.11A】



【FIG.11B】



【FIG.12】



【FIG.13】

RECTANGULAR IMAGE IR PIXEL	P_{x_0}	P_{x_1}	$\dots$	P_{x_i}	$\dots$	$P_{x_{(n-1)}}$
EDGE IMAGE IE POSITION	P_0	P_1	$\dots$	P_i	$\dots$	P_{n-1}
	(X_0, Y_0)	(X_1, Y_1)	$\dots$	(X_i, Y_i)	$\dots$	(X_{n-1}, Y_{n-1})

RECTANGULAR IMAGE IR PIXEL	$P_{x_{01}}$	$P_{x_{11}}$	$\dots$	$P_{x_{i1}}$	$\dots$	$P_{x_{(n-1)1}}$
EDGE IMAGE IE POSITION	$P_{01\Delta}$	$P_{11\Delta}$	$\dots$	$P_{i1\Delta}$	$\dots$	$P_{(n-1)1\Delta}$
	$(X_0 - \Delta X_0, Y_0 - \Delta Y_0)$	$(X_1 - \Delta X_1, Y_1 - \Delta Y_1)$	$\dots$	$(X_i - \Delta X_i, Y_i - \Delta Y_i)$	$\dots$	$(X_{n-1} - \Delta X_{n-1}, Y_{n-1} - \Delta Y_{n-1})$

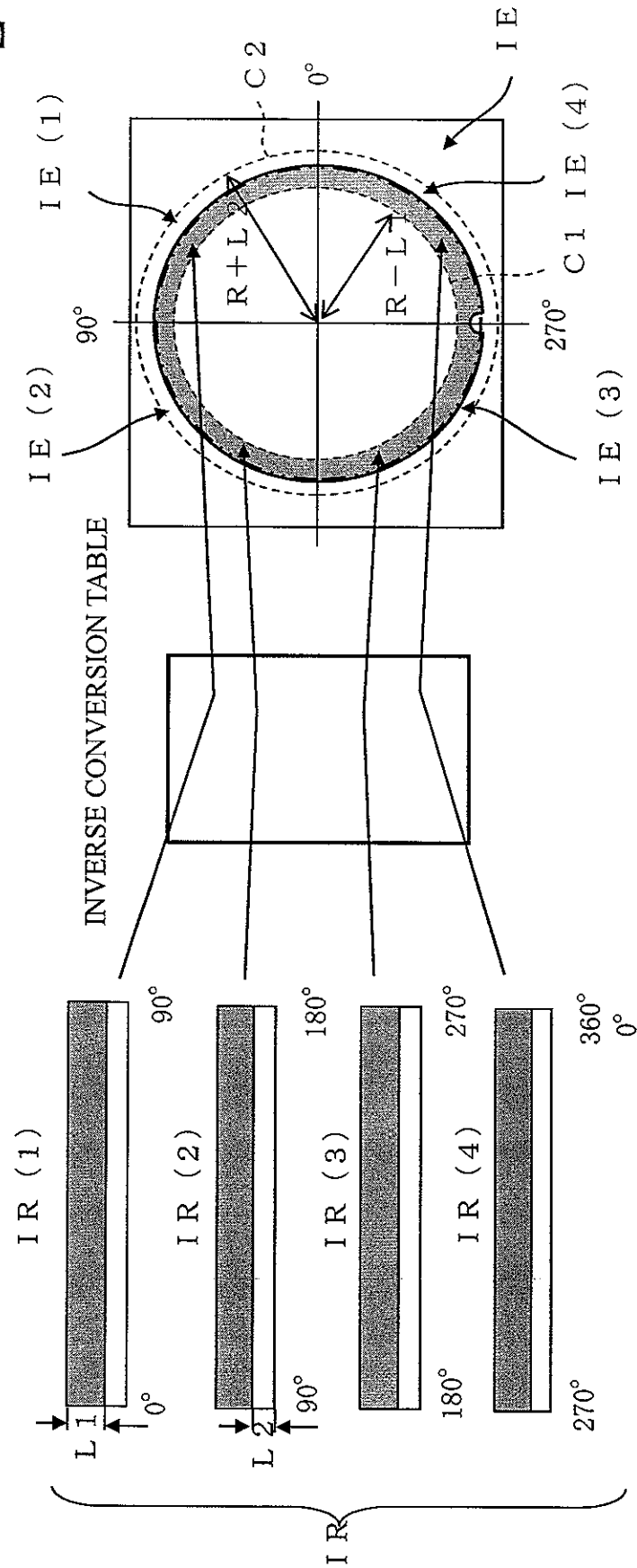
⋮

RECTANGULAR IMAGE IR PIXEL	$P_{x_{0m}}$	$P_{x_{1m}}$	$\dots$	$P_{x_{im}}$	$\dots$	$P_{x_{(n-1)m}}$
EDGE IMAGE IE POSITION	$P_{0m\Delta}$	$P_{1m\Delta}$	$\dots$	$P_{im\Delta}$	$\dots$	$P_{(n-1)m\Delta}$
	$(X_0 - m\Delta X_0, Y_0 - m\Delta Y_0)$	$(X_1 - m\Delta X_1, Y_1 - m\Delta Y_1)$	$\dots$	$(X_i - m\Delta X_i, Y_i - m\Delta Y_i)$	$\dots$	$(X_{n-1} - m\Delta X_{n-1}, Y_{n-1} - m\Delta Y_{n-1})$

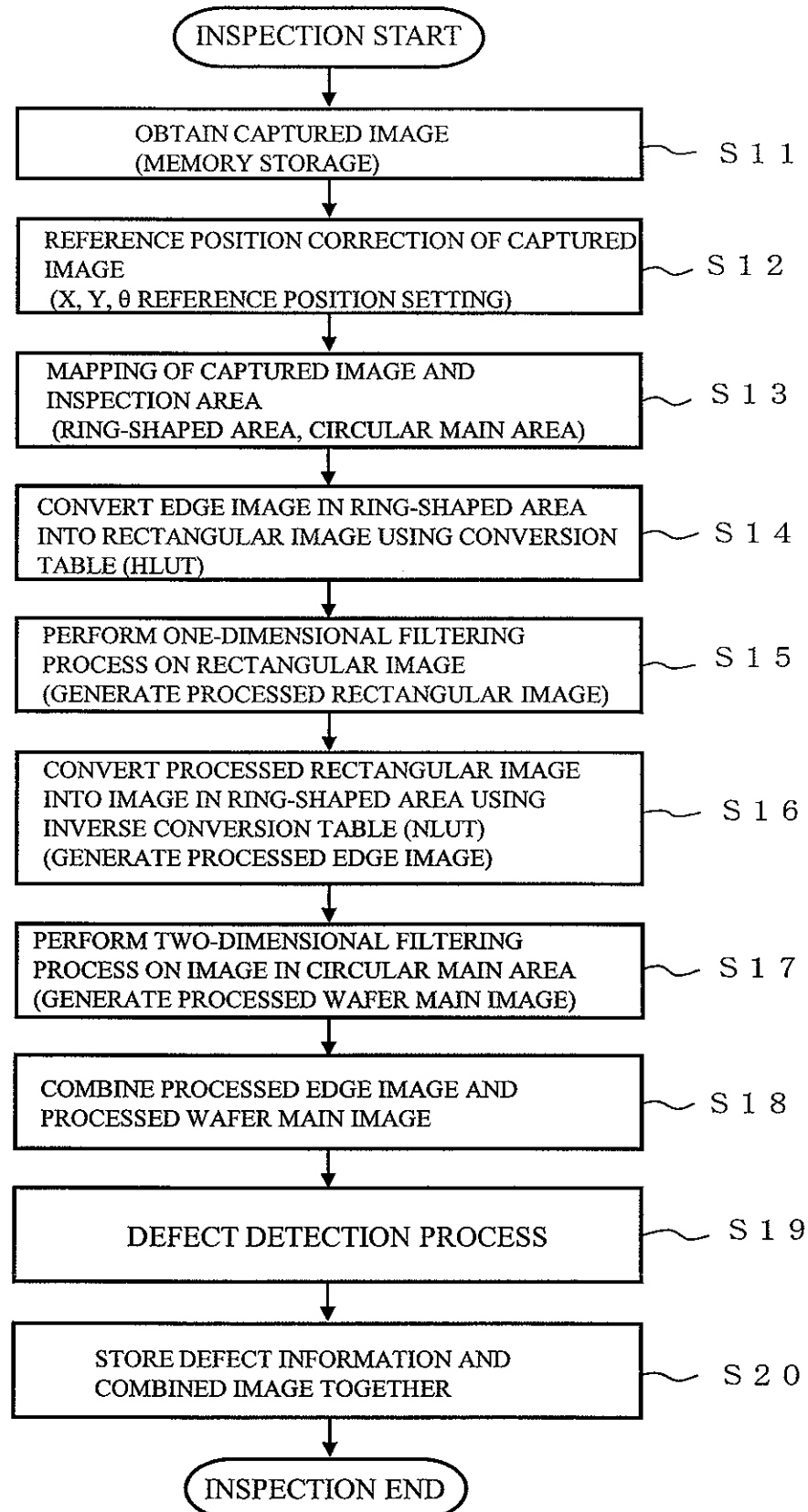
【FIG.14】

RECTANGULAR IMAGE IR (PIXEL)	EDGE IMAGE IE (POSITION)			
	POSITION ON OUTER CIRCULAR LINE C2		INTERVAL Δ	
$P_{x_0} \sim P_{x_{0m}}$	X_0	Y_0	ΔX_0	ΔY_0
$P_{x_1} \sim P_{x_{1m}}$	X_1	Y_1	ΔX_1	ΔY_1
...	...	...	...	...
$P_{x_i} \sim P_{x_{im}}$	X_i	Y_i	ΔX_i	ΔY_i
...	...	...	...	...
$P_{x_{n-1}} \sim P_{x_{(n-1)m}}$	X_{n-1}	Y_{n-1}	ΔX_{n-1}	ΔY_{n-1}
$m = (L_1 + L_2) / \delta, \quad n = 2\pi (R + L_2) / \delta$				

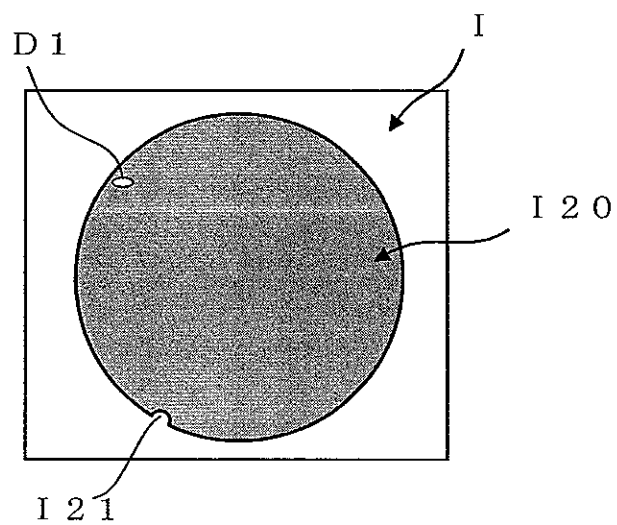
【FIG.15】



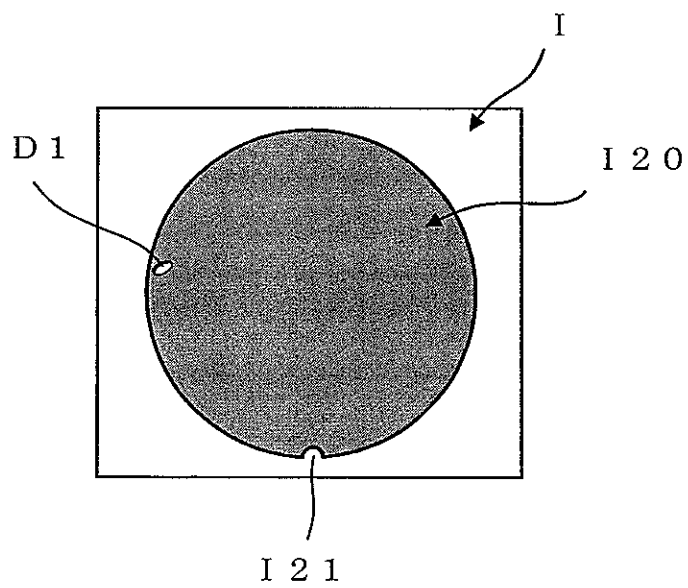
【FIG.16】



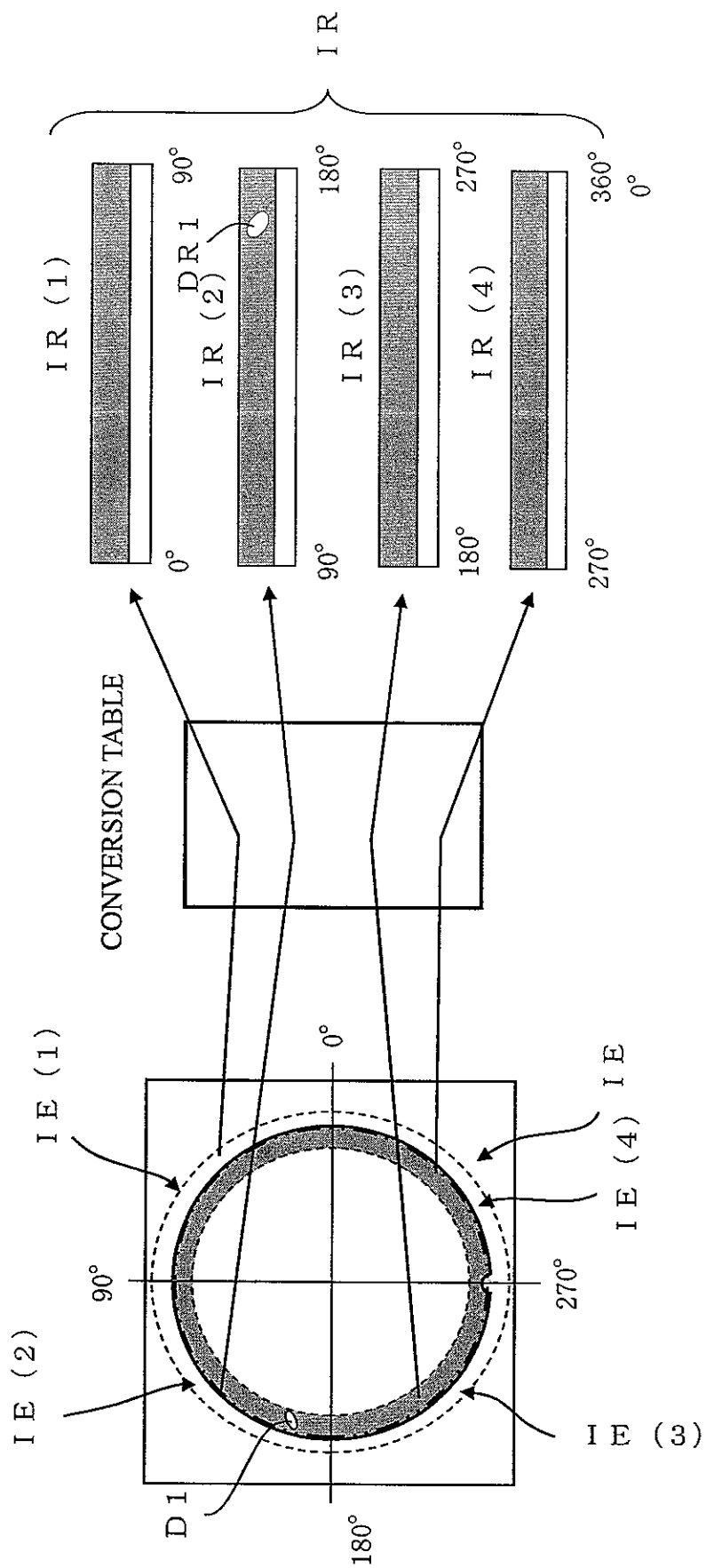
【FIG.17A】



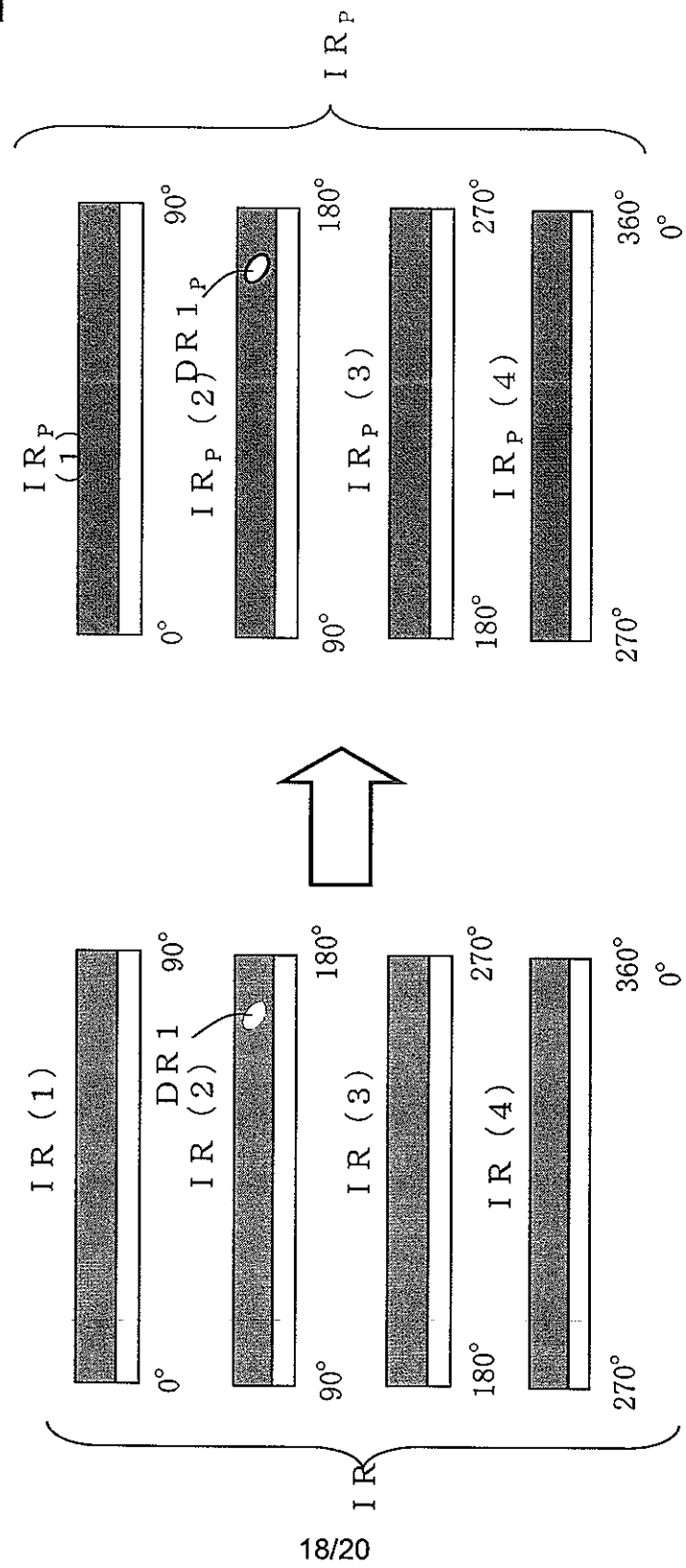
【FIG.17B】



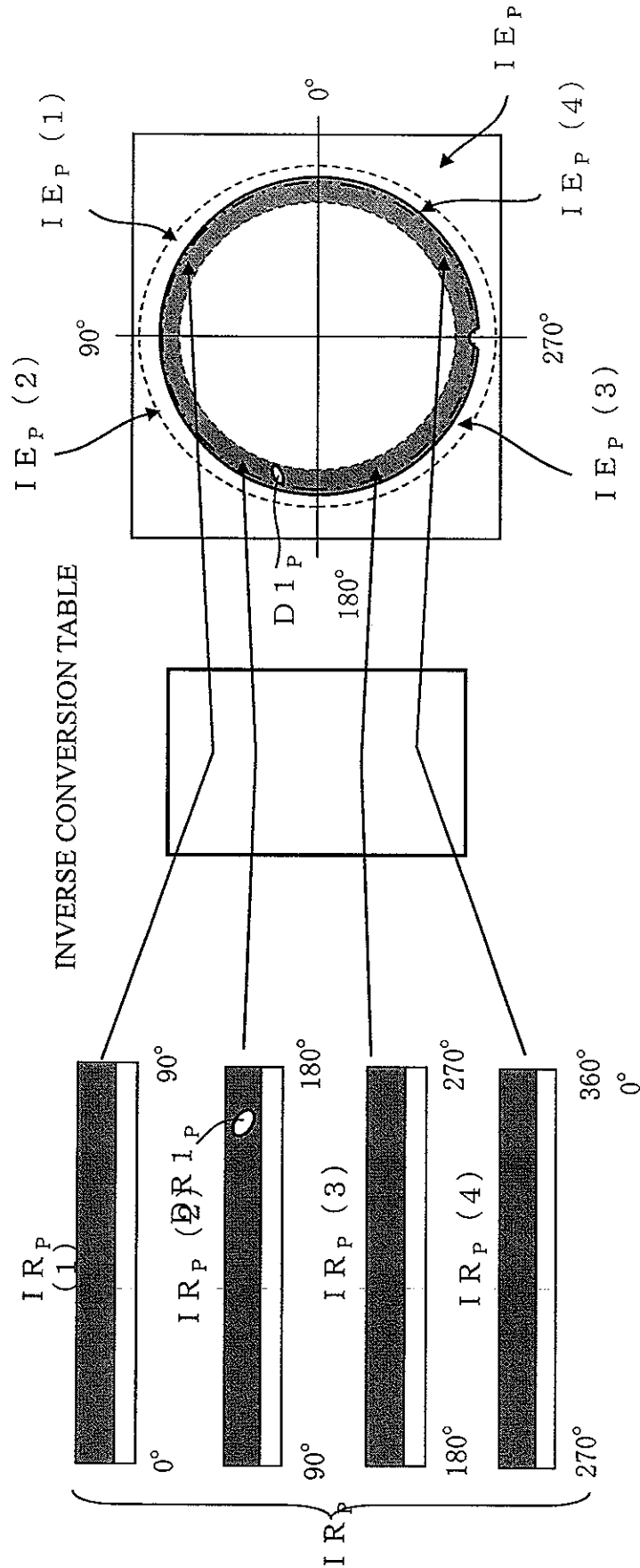
【FIG.18】



【FIG.19】



【FIG.20】



【FIG.21】

