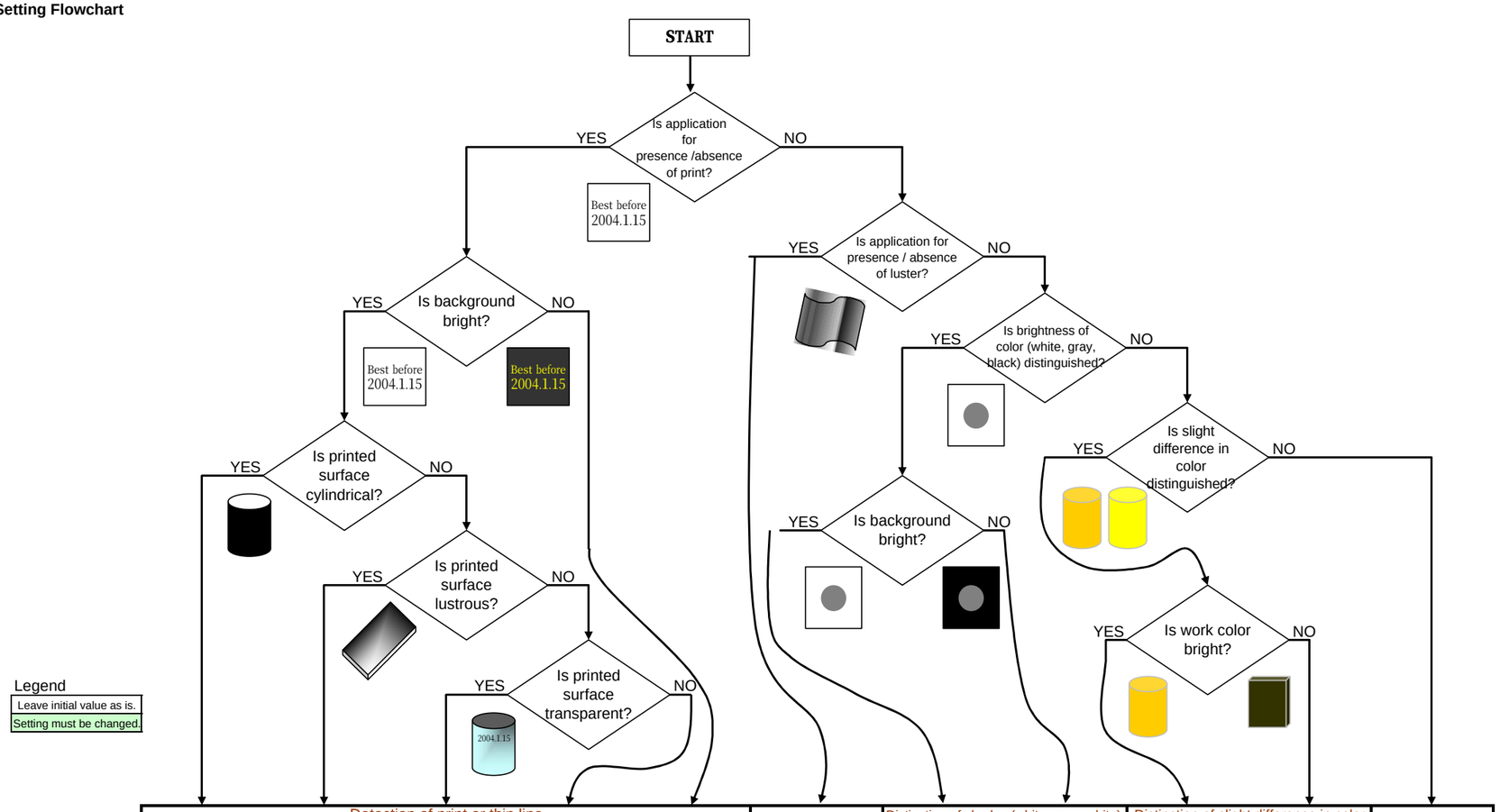
CVS1 Setting Flowchart



		Detection of print or thin line					Presence / absence of luster	Distinction of shades (white, gray, white)		Distinction of slight difference in color		Normal work
		Cylindrical surface	Lustrous surface	Transparent surface	Bright background	Other color, Dark background		Bright background	Dark background	Bright color	Dark color	
Changing set value	COLRFIL	1	1	1	1	0	0	1	0	0	0	0
		Locates white on the background to the right end in the screen.	←	←	←	Corrects the change in brightness by calculating color ratio.	Corrects the change in brightness by calculating color ratio.	Locates white on the background to the right end in the screen.	Corrects the change in brightness by calculating color ratio.	Corrects the change in brightness by calculating color ratio.	←	Corrects the change in brightness by calculating color ratio.
	KIL BLK	27	27	27	27	27	15-25	27	10-22	27	27-30	27
		Initial value works for correcting the change in brightness.	←	←	←	←	Slightly decrease value to correct luster only.	Initial value works for correcting the change in brightness.	Adjust so that gray can be distinguished from white or black.	Initial value works for correcting the change in brightness.	Increase until dark color becomes bright in F screen.	Initial value works for correcting the change in brightness.
	RESOLUT	0	0	0	0	0	1	1	←	0	0	1
		Sets high resolution to detect thin characters.	←	←	←	Sets high resolution to detect thin characters.	Low resolution will work since detection is done for difference in brightness but not in color.	Low resolution will work since detection is done for difference in brightness but not in color.	←	Sets high resolution to detect colors accurately.	←	Low resolution will work since detection is not for distinguishing slight difference in color.
	TEACHMD	1	1	1	1	0	2	0	←	0	0	0
		Sets the dark color inside the teaching window as detection color.	←	←	←	Sets the color inside the teaching window as detection color.	Performs teaching at constant brightness (BRIGHT).	Sets the color inside the teaching window as detection color.	←	Sets the color inside the teaching window as detection color.	←	Sets the color inside the teaching window as detection color.
Teaching	Zoom function	Enclose only printed portion.	←	←	←	Only when detection is done incorrectly by imaging portion other than work.	Only when detection is done incorrectly by imaging portion other than work.	Only when detection is done incorrectly with four corners in the screen darkened.	←	Only when detection is done incorrectly by imaging portion other than work.	←	Only when detection is done incorrectly by imaging portion other than work.
	Window size	Normal	←	←	←	Decrease to select detection color only.	Decrease to select luster only.	Decrease to select detection color only.	←	Decrease to narrow the range of detection color.	←	Decrease to select detection color only.
	Window position	Enclose characters and background.	←	←	←	Move to detection color portion.	Move to lustrous portion.	Move to detection color portion.	←	Move to the detection color position.	←	Move to the detection color position.
Lighting	External lighting	Light from right and left so that cylindrical surface is evenly bright.	Use diffused lighting (available on market) to obtain even reflected light.	Use back-light (available on market) to surface characters.	Unnecessary	←	Unnecessary	Unnecessary	←	Unnecessary	←	Unnecessary
	LIGHT	1	0	0	1	1	1	1	1	1	1	1