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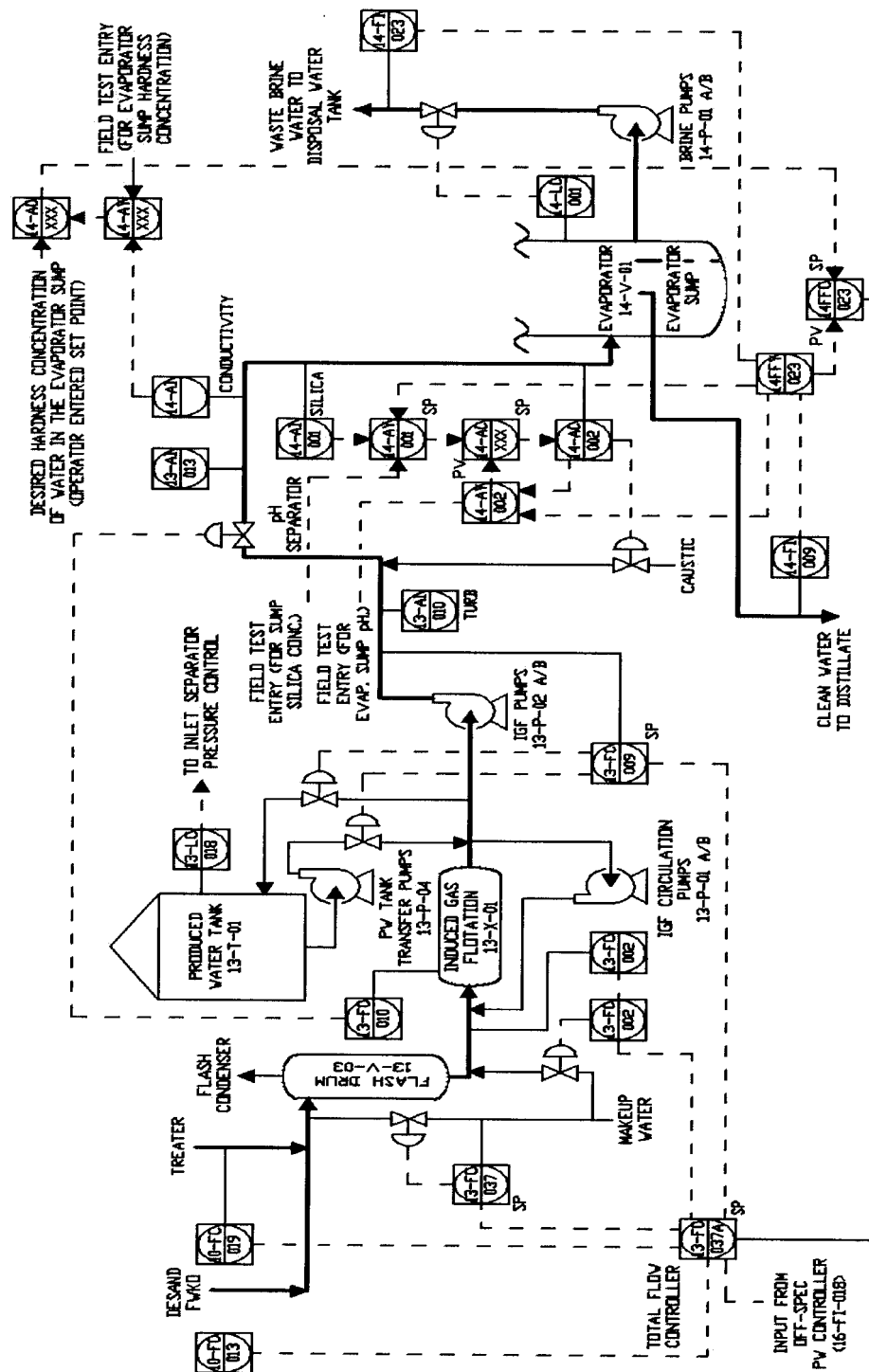


FIGURE 1

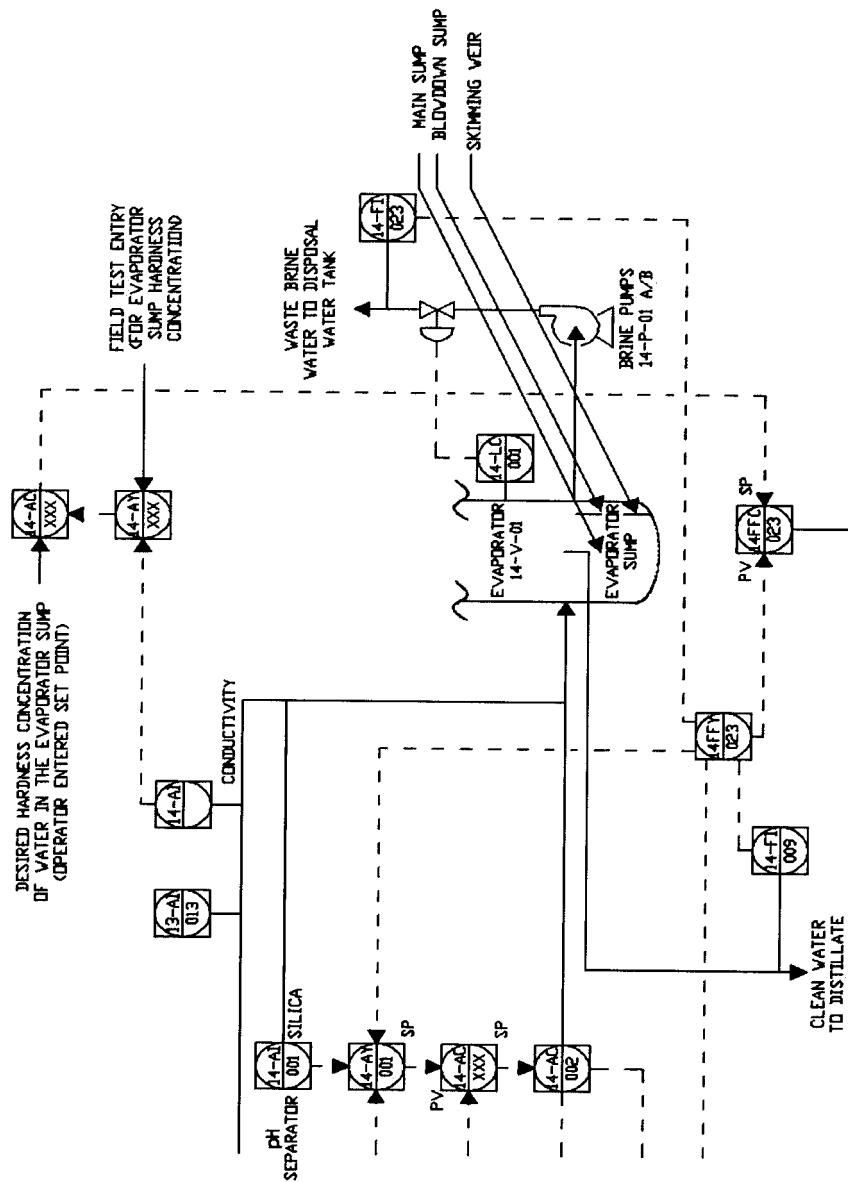
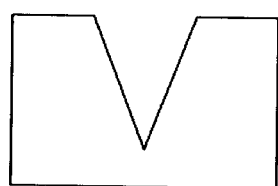
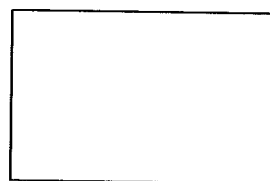


FIGURE 1A



V-NOTCHED
WEIR



STANDARD
WEIR

FIGURE 1B

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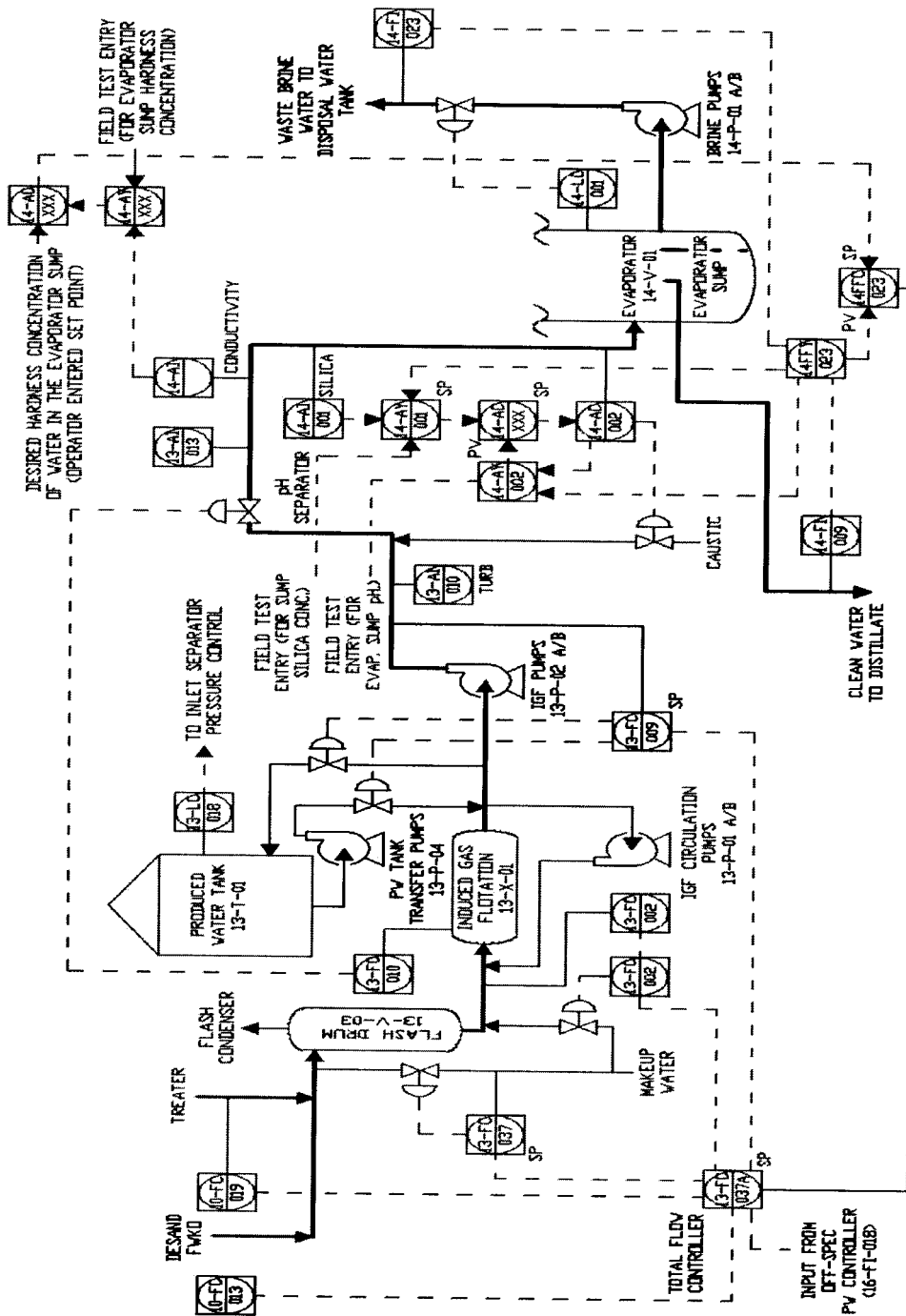


FIGURE 2

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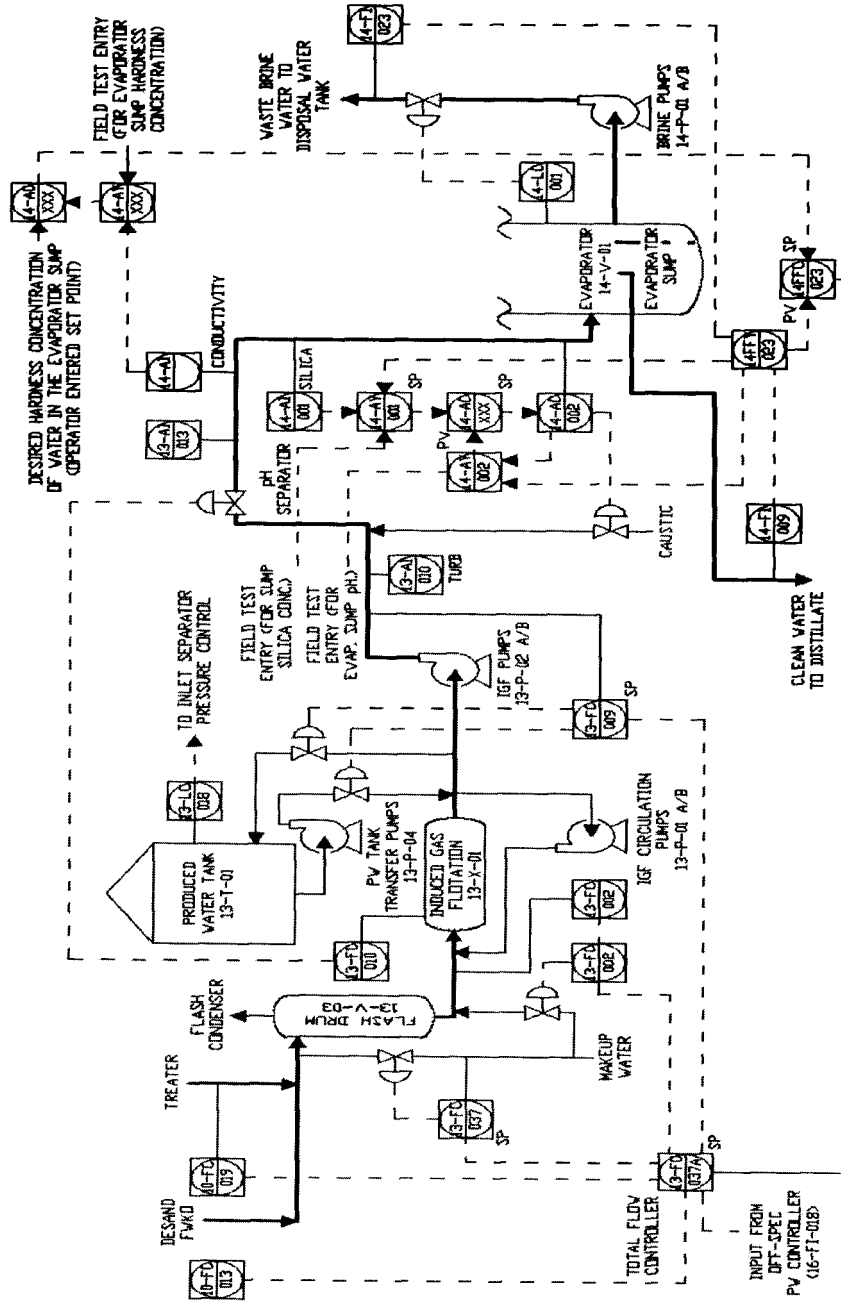


FIGURE 3

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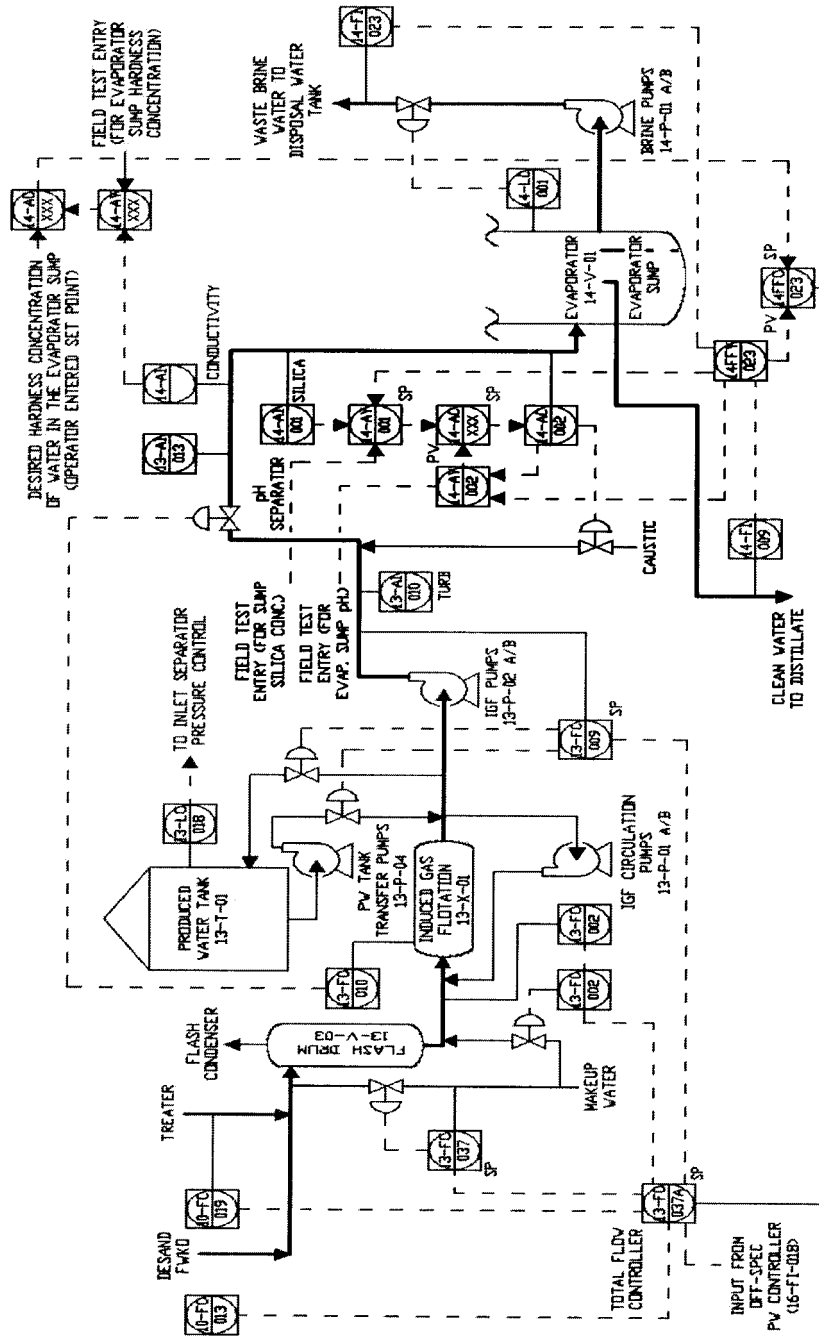


FIGURE 4

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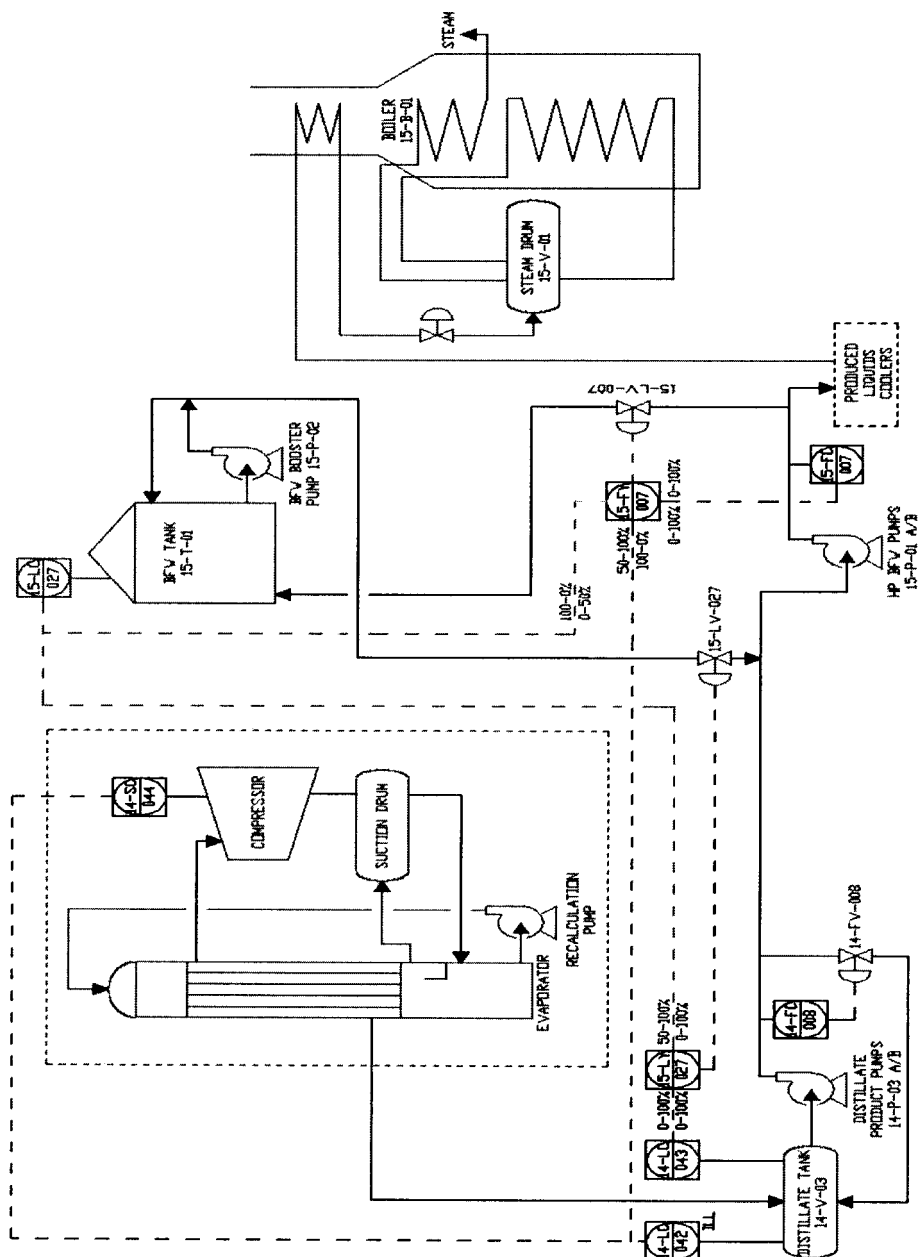


FIGURE 5

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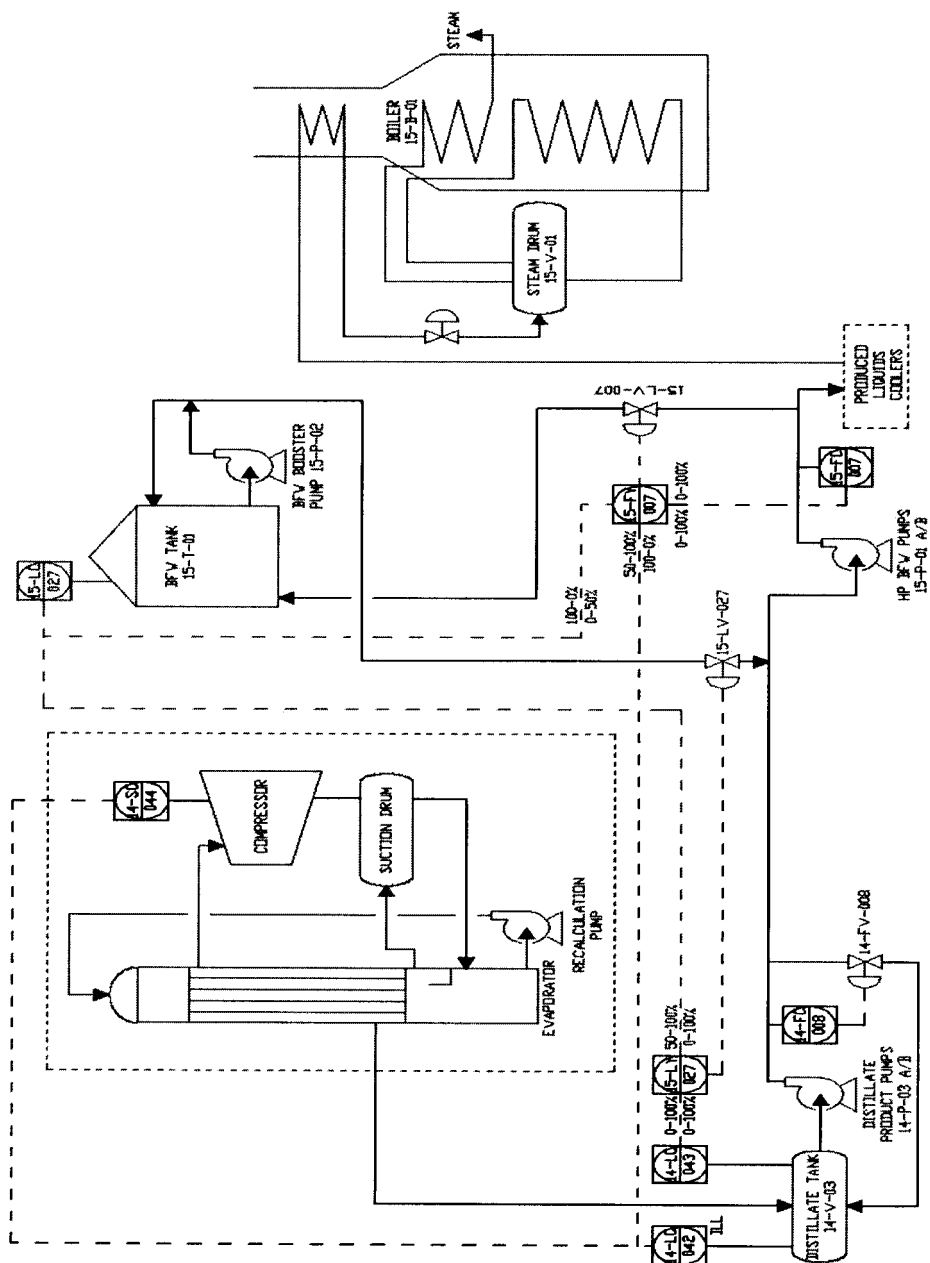
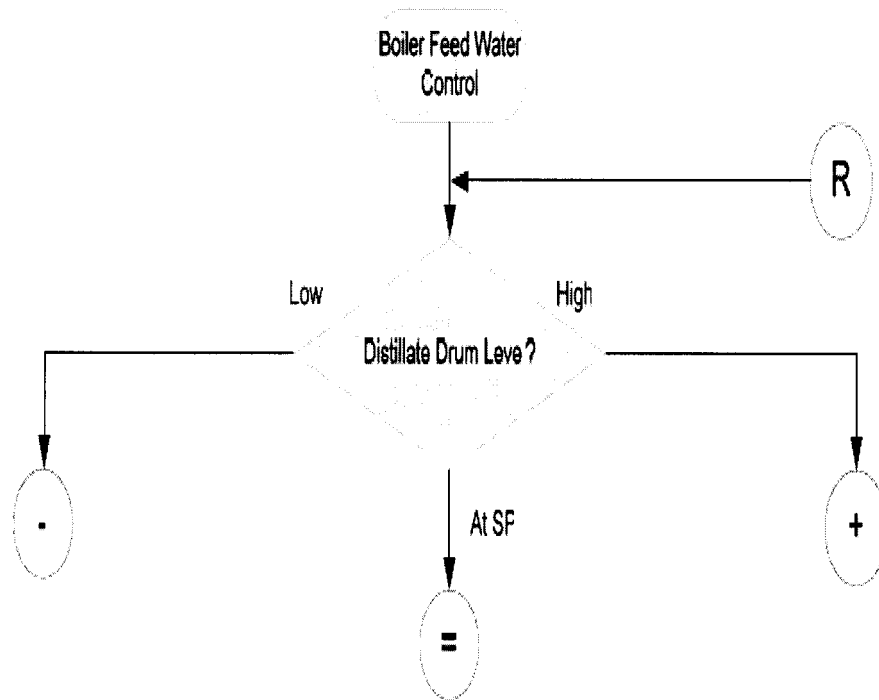


FIGURE 6

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**FIGURE 7**

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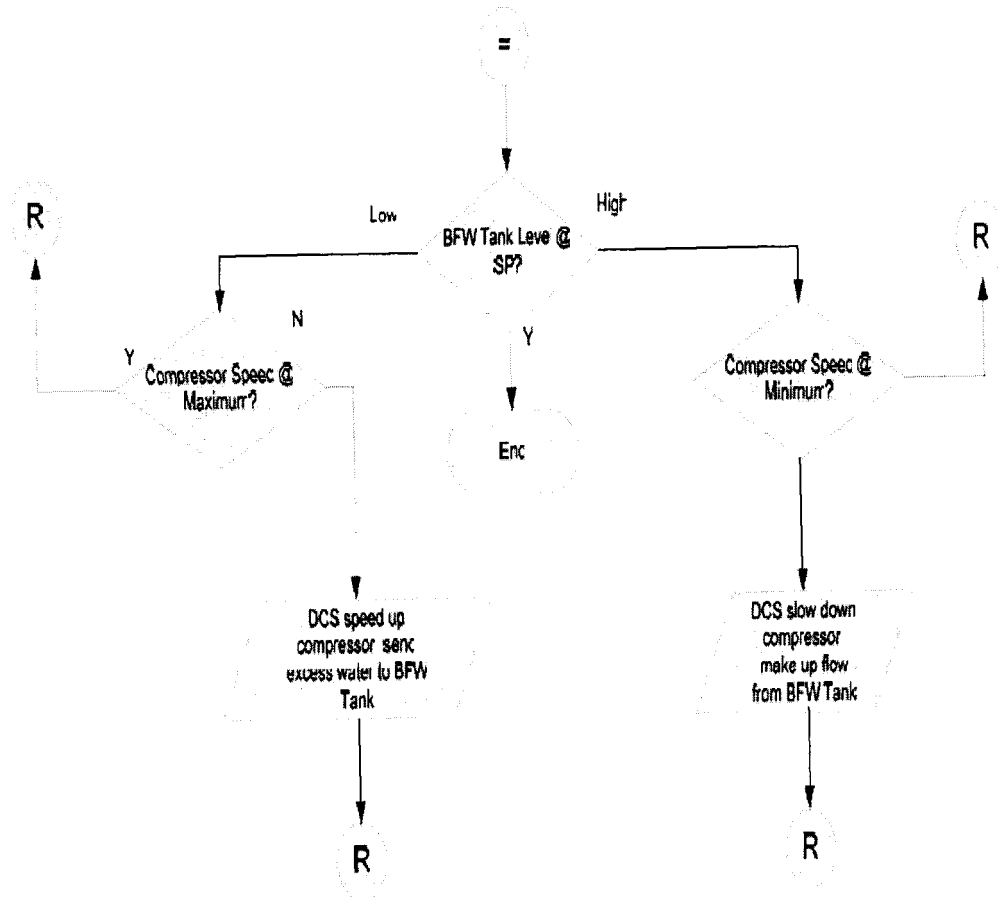


FIGURE 8

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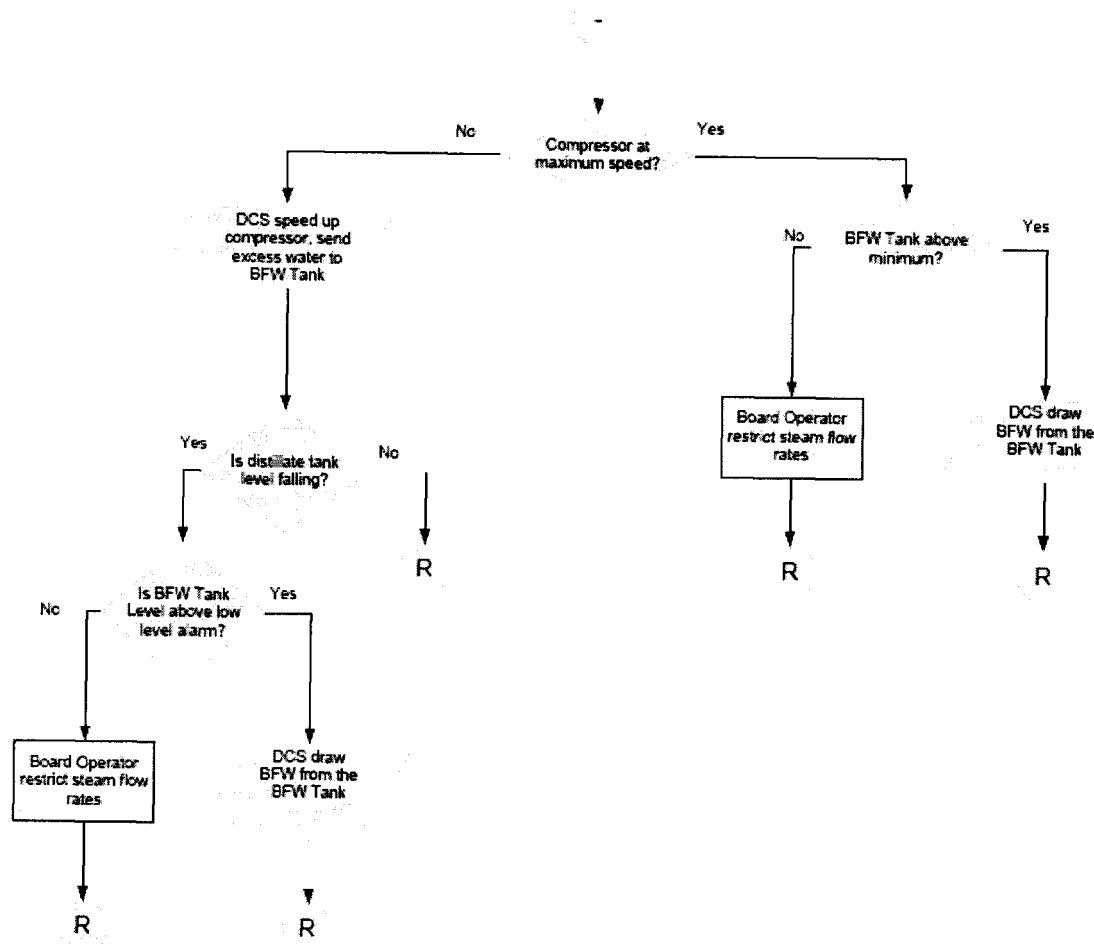


FIGURE 9

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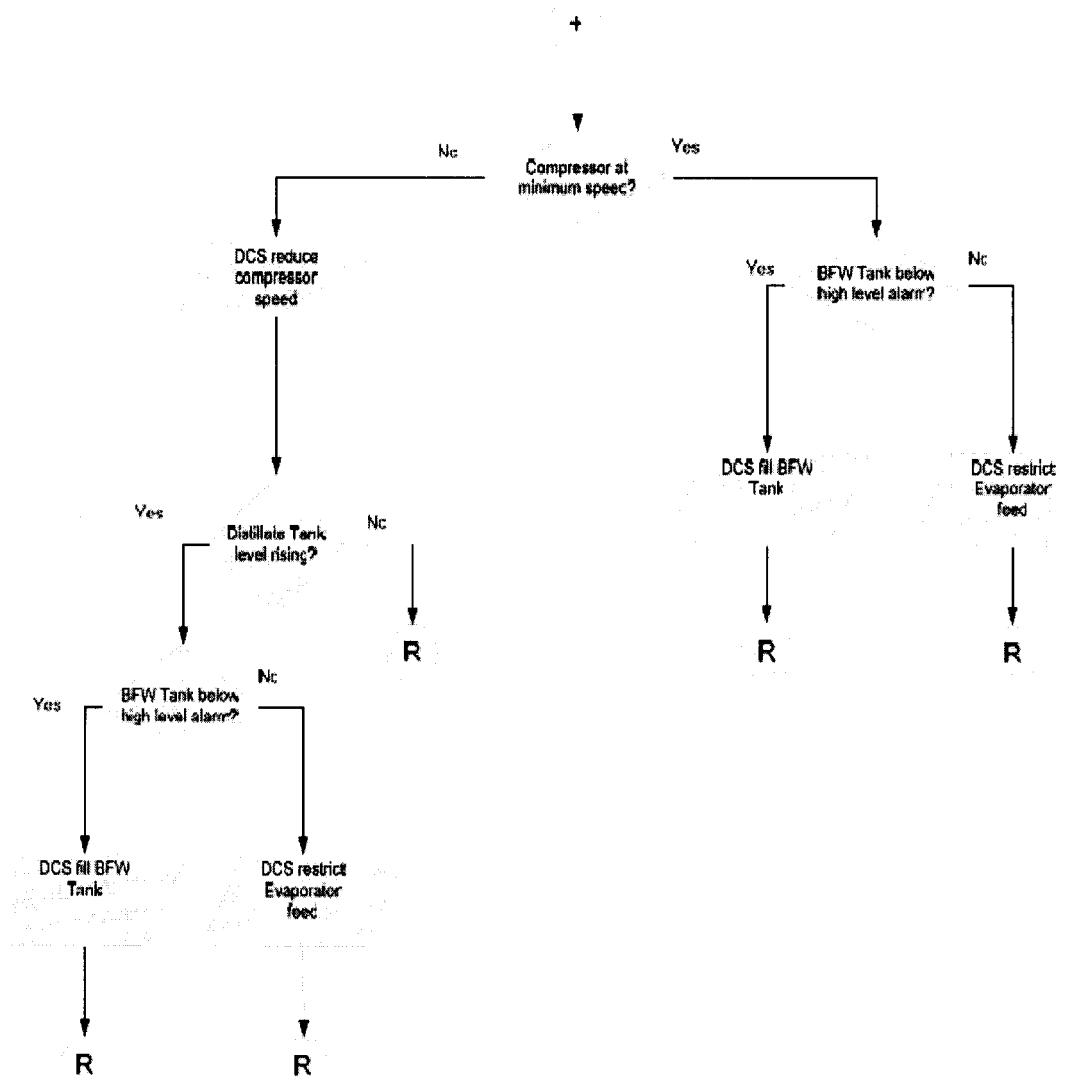


FIGURE 10

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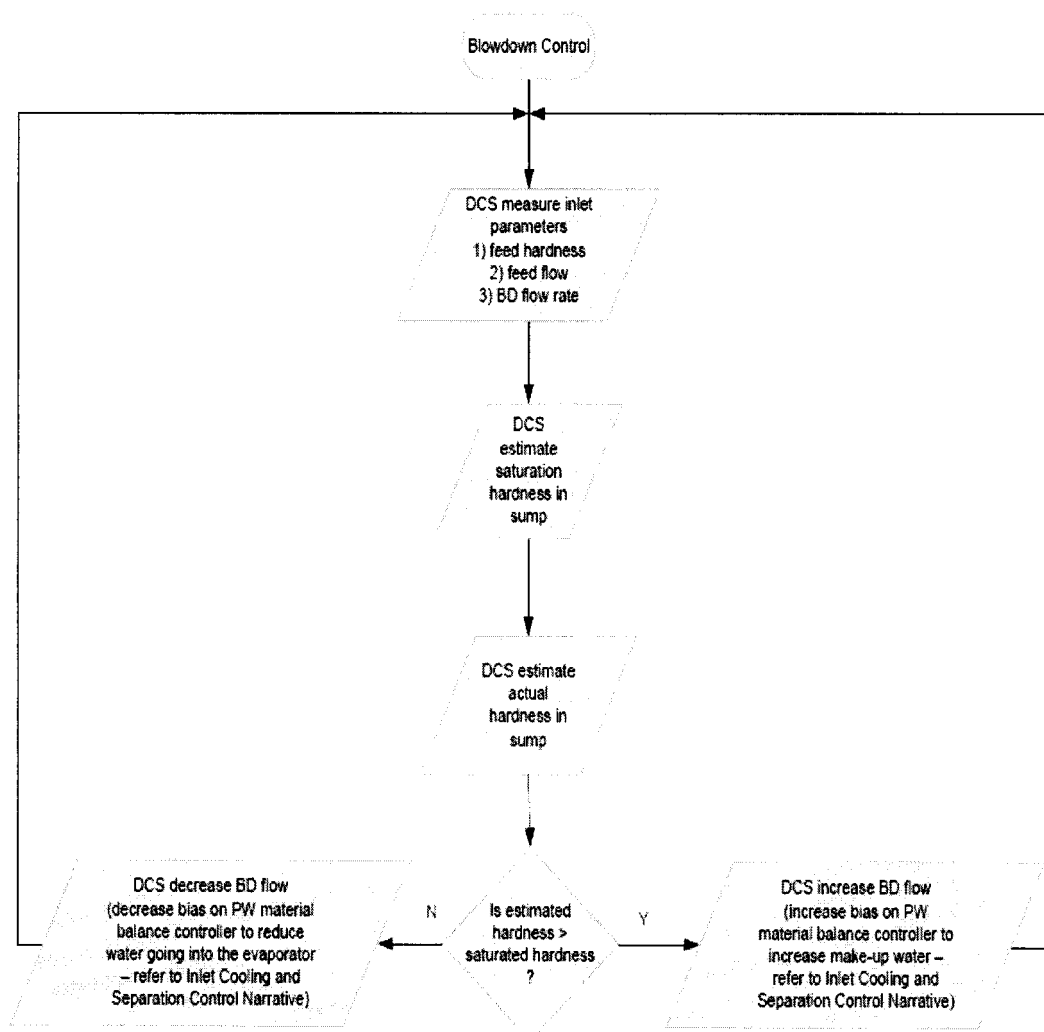


FIGURE 11

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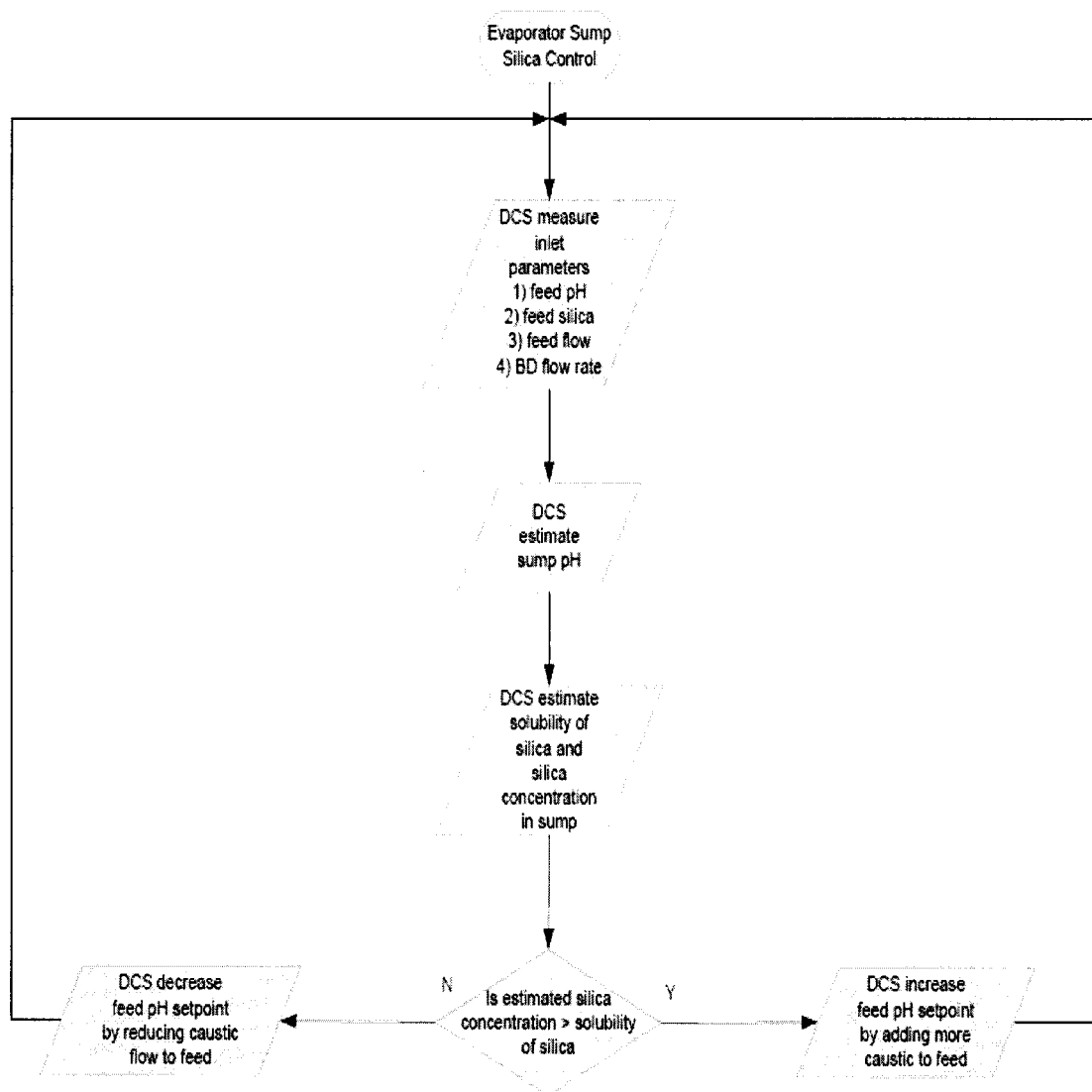


FIGURE 12

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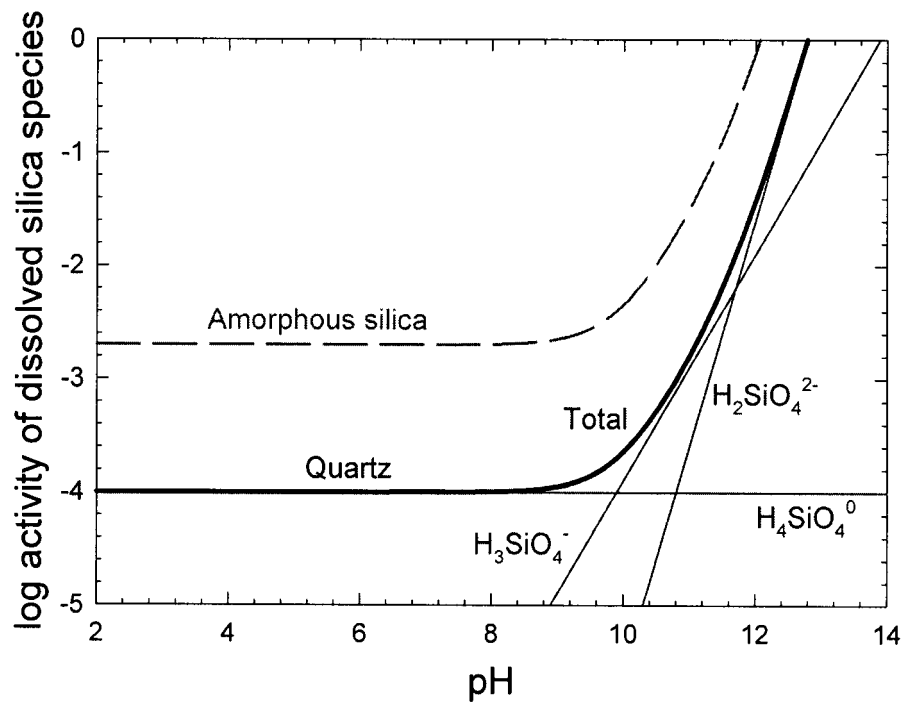


FIGURE 13

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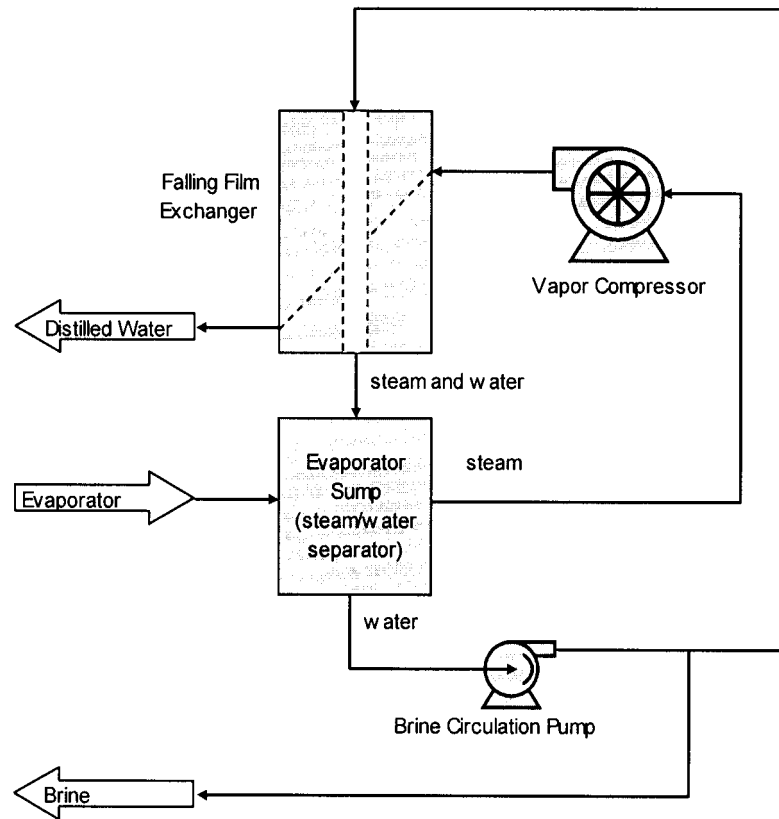


FIGURE 14 (PRIOR ART)