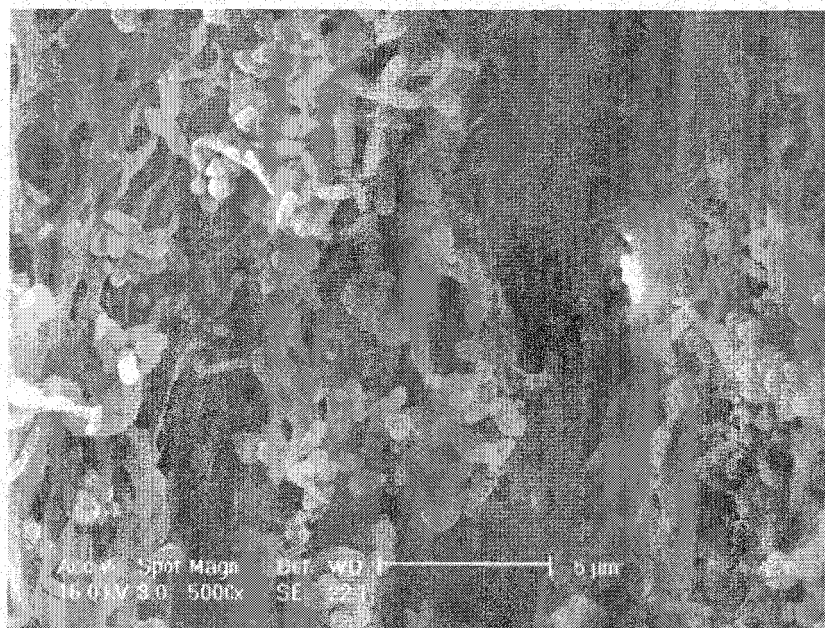


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**FIGURE 1****FIGURE 2**

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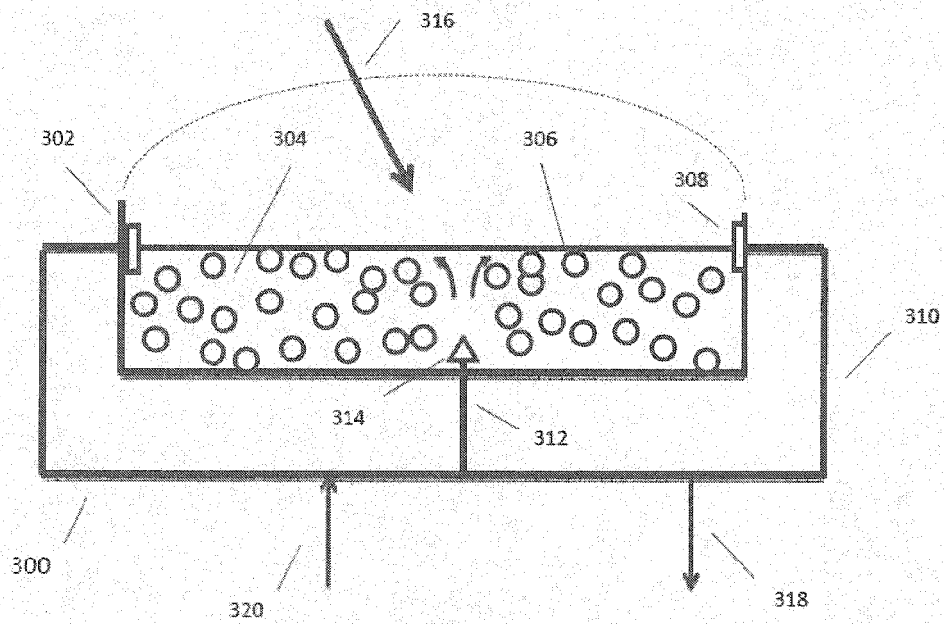


FIGURE 3

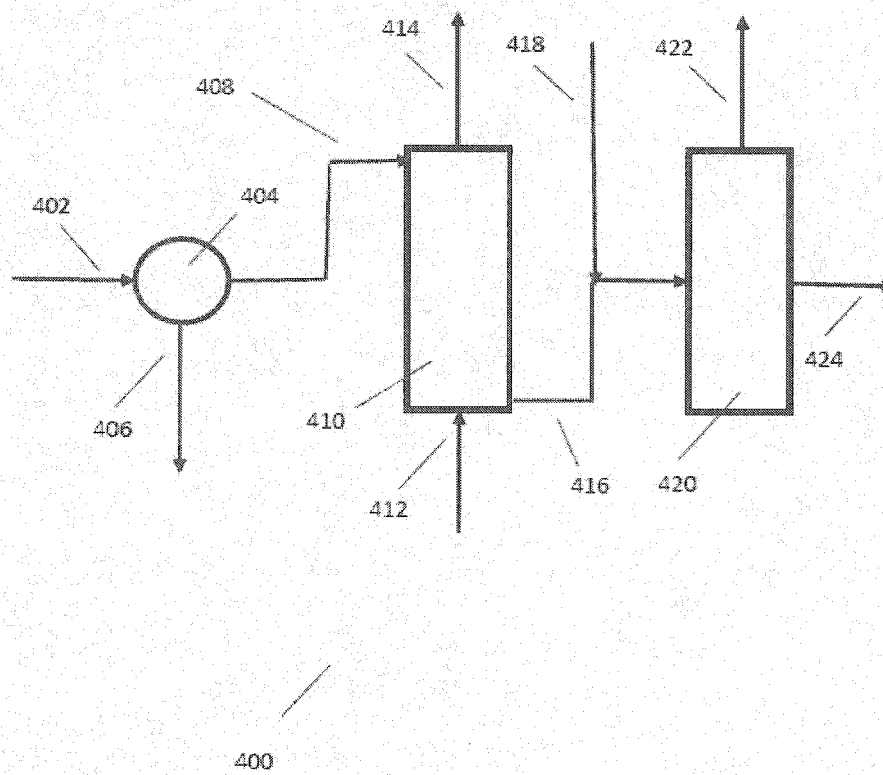


FIGURE 4

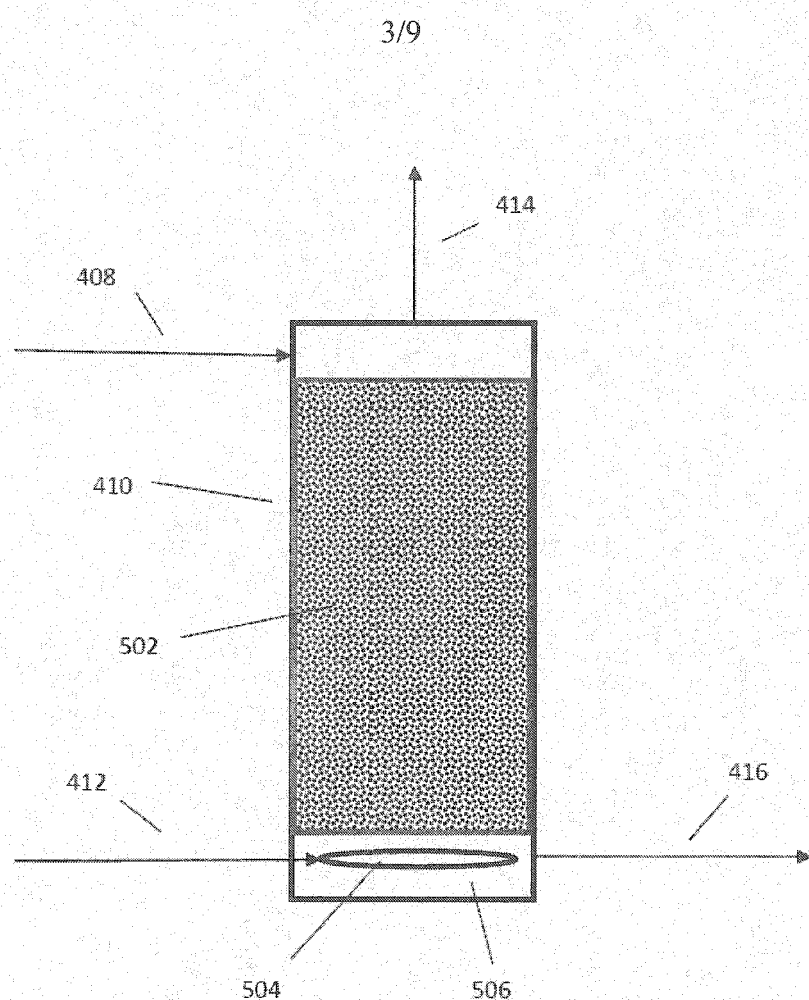


FIGURE 5

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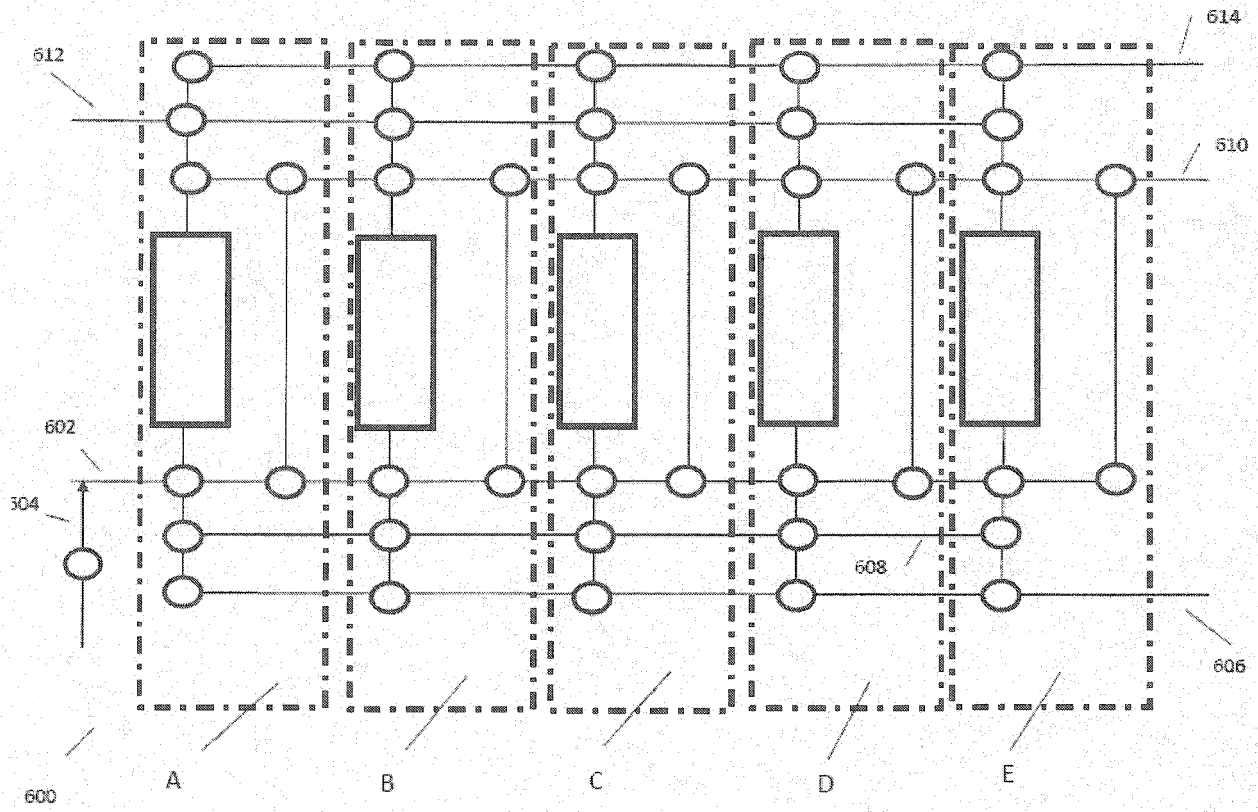


FIGURE 6

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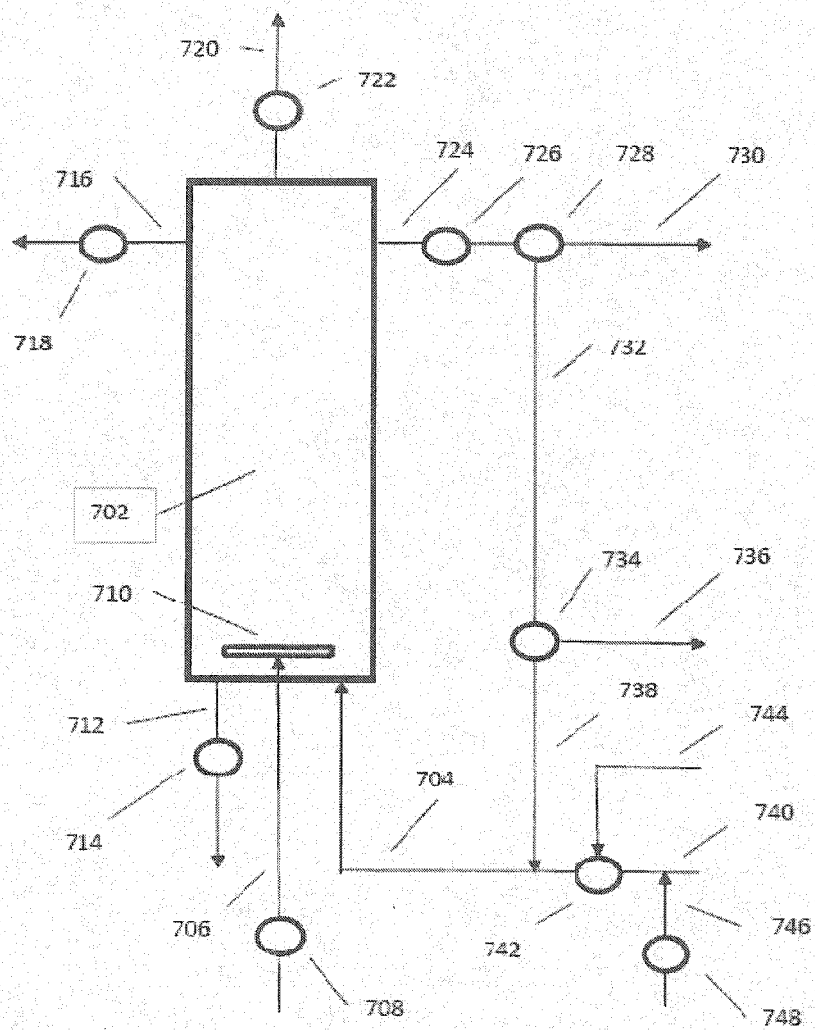


FIGURE 7

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BIOREACTOR SEQUENCING

TIME BIOREACTOR	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
A	ANAEROBIC PHA GENERATION MODE	POLISHING AEROBIC PO ₄ REMOVAL MODE	PRIMARY AEROBIC PO ₄ REMOVAL MODE	PURGE MODE	ANAEROBIC PO ₄ RELEASE MODE
B	PRIMARY AEROBIC PO ₄ REMOVAL MODE	PURGE MODE	ANAEROBIC PO ₄ RELEASE MODE	ANAEROBIC PHA GENERATION MODE	POLISHING AEROBIC PO ₄ REMOVAL MODE
C	POLISHING AEROBIC PO ₄ REMOVAL MODE	PRIMARY AEROBIC PO ₄ REMOVAL MODE	PURGE MODE	ANAEROBIC PO ₄ RELEASE MODE	ANAEROBIC PHA GENERATION MODE
D	PURGE MODE	ANAEROBIC PO ₄ RELEASE MODE	ANAEROBIC PHA GENERATION MODE	POLISHING AEROBIC PO ₄ REMOVAL MODE	PRIMARY AEROBIC PO ₄ REMOVAL MODE
E	ANAEROBIC PO ₄ RELEASE MODE	ANAEROBIC PHA GENERATION MODE	POLISHING AEROBIC PO ₄ REMOVAL MODE	PRIMARY AEROBIC PO ₄ REMOVAL MODE	PURGE MODE

FIGURE 8

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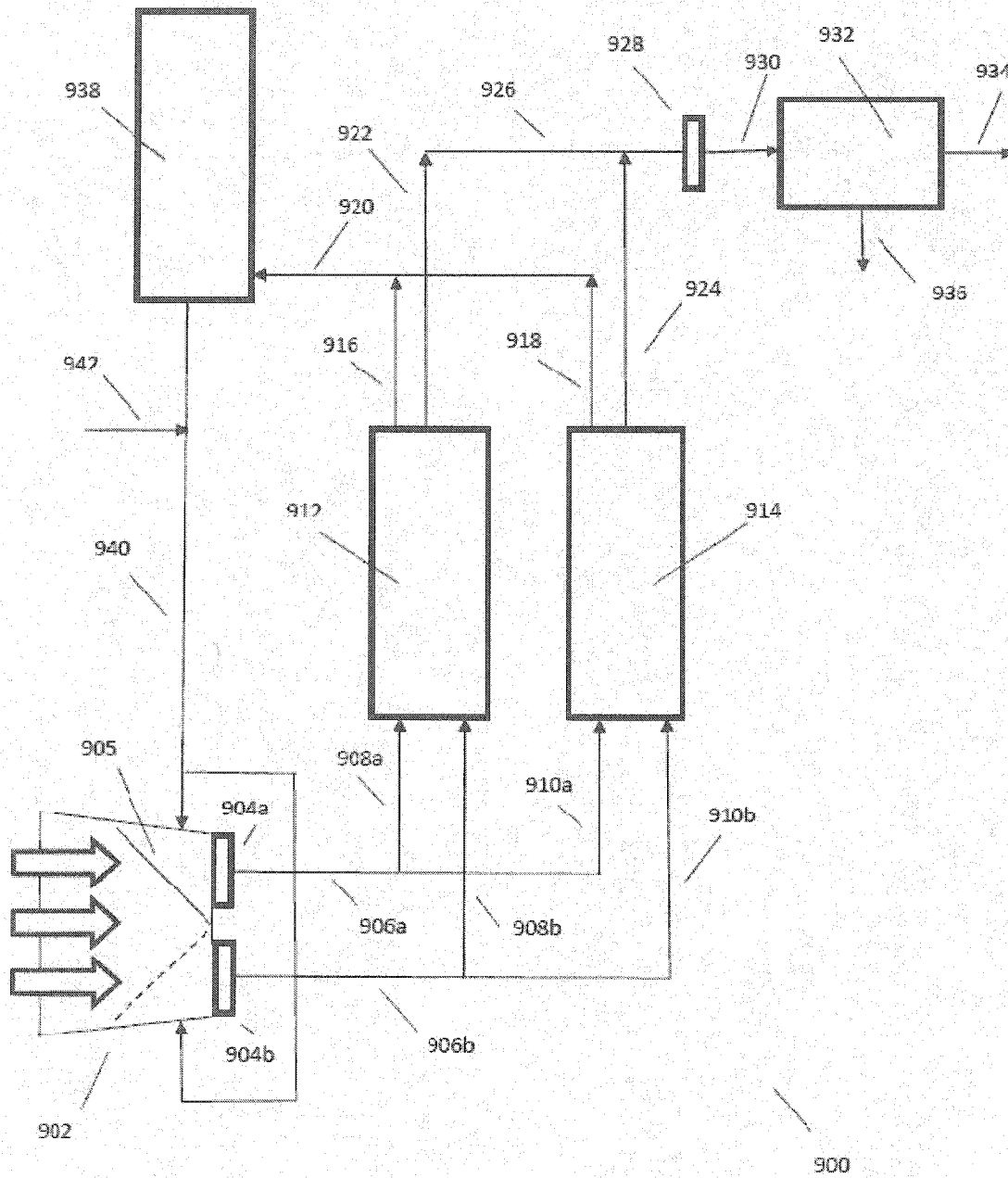


FIGURE 9

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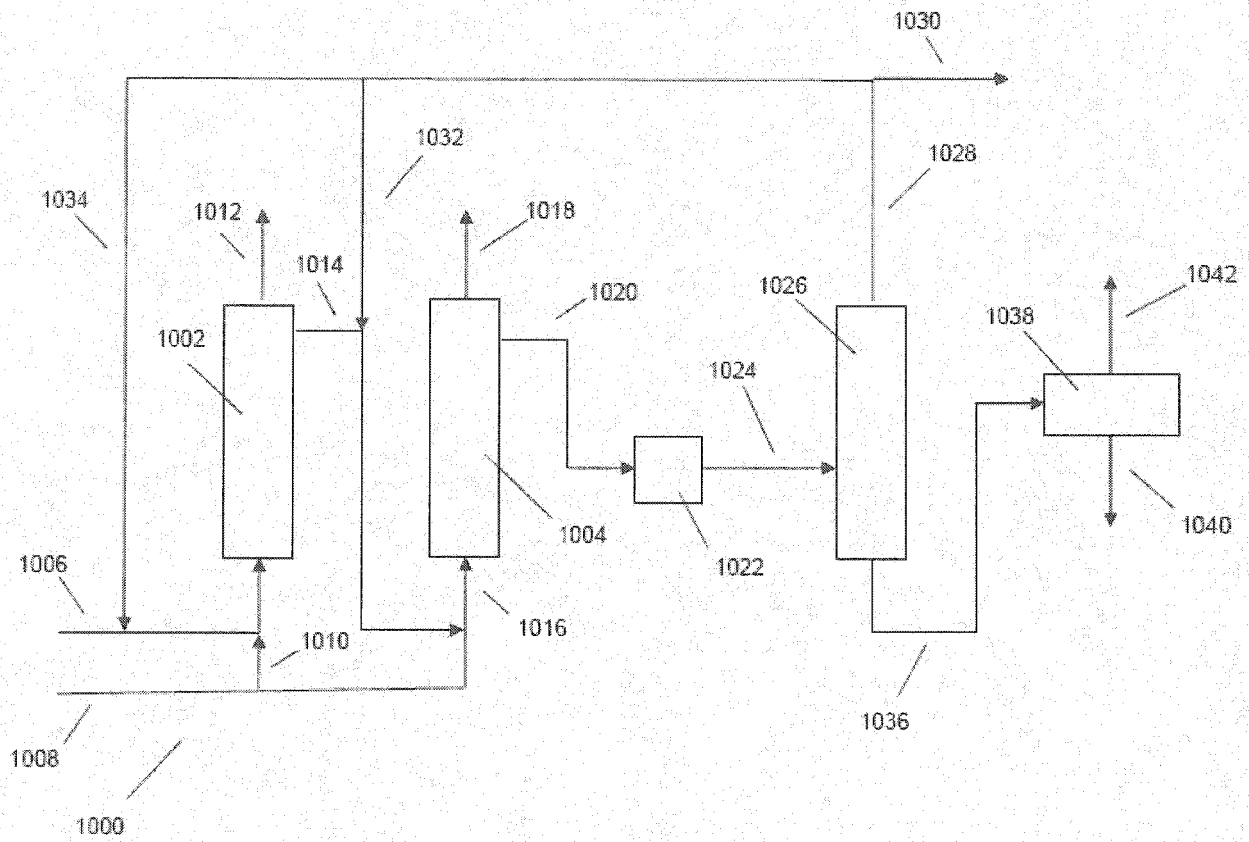


FIGURE 10

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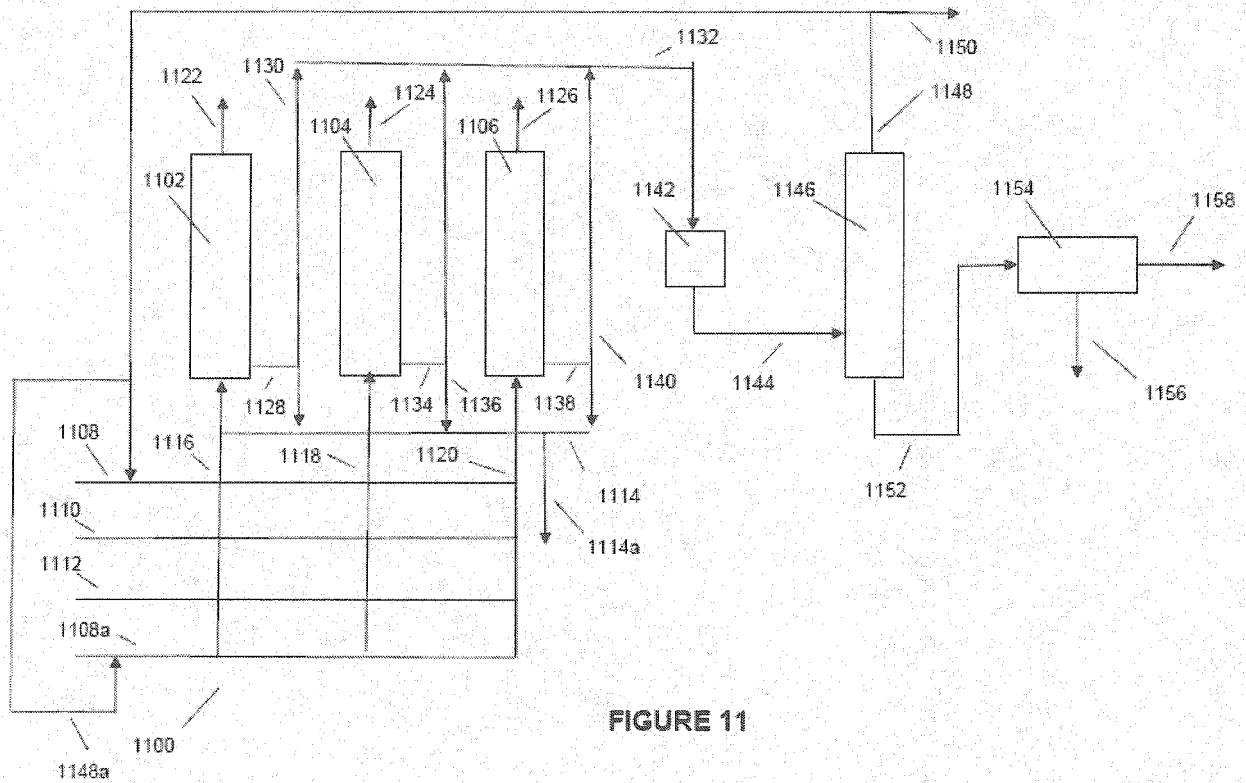


FIGURE 11

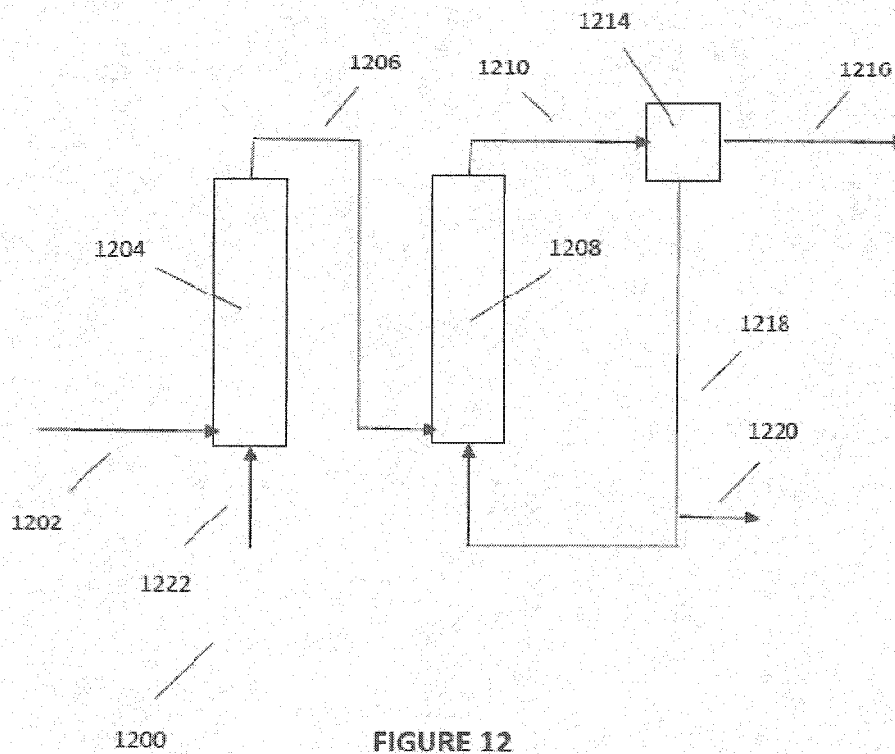


FIGURE 12