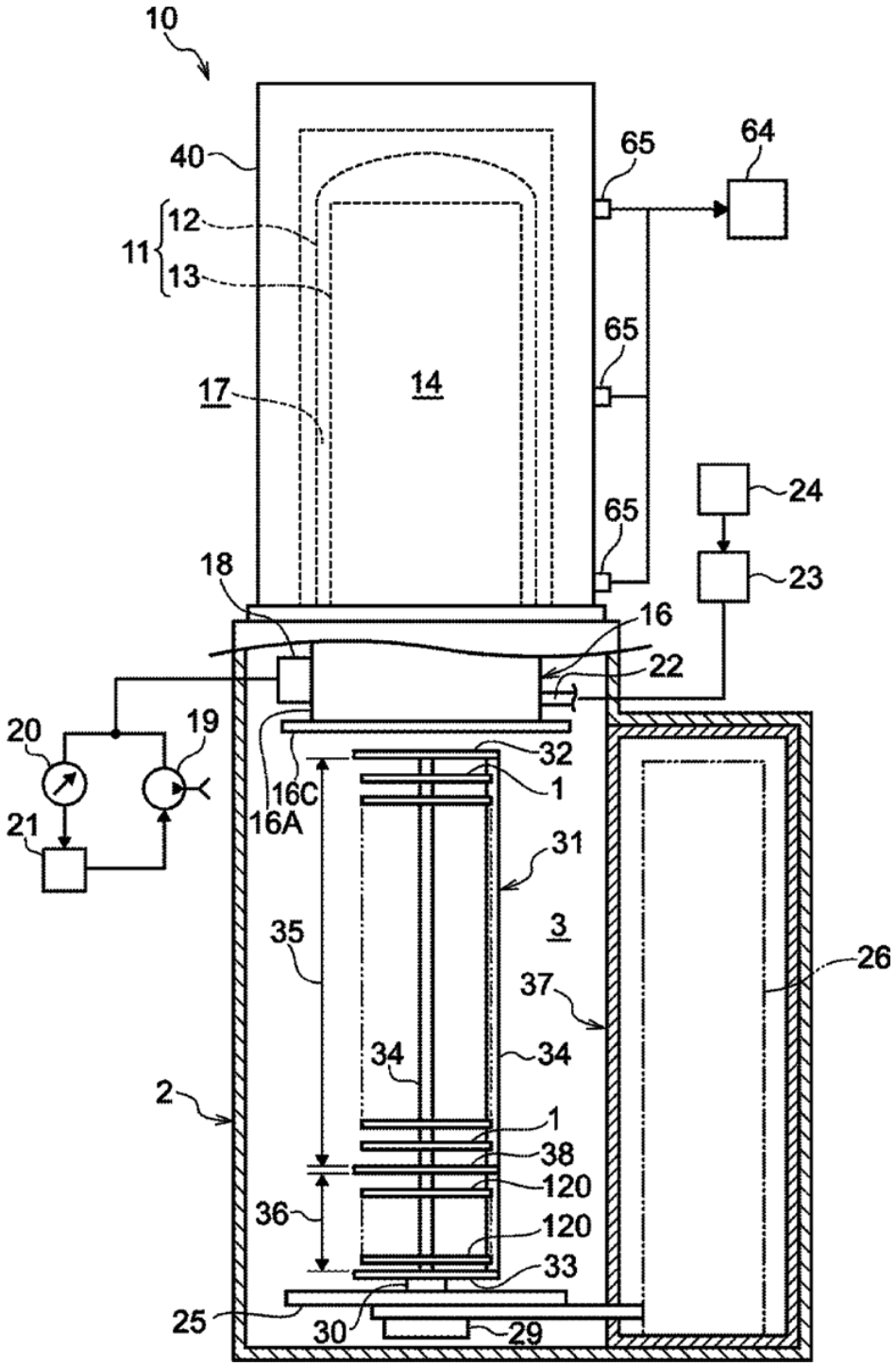
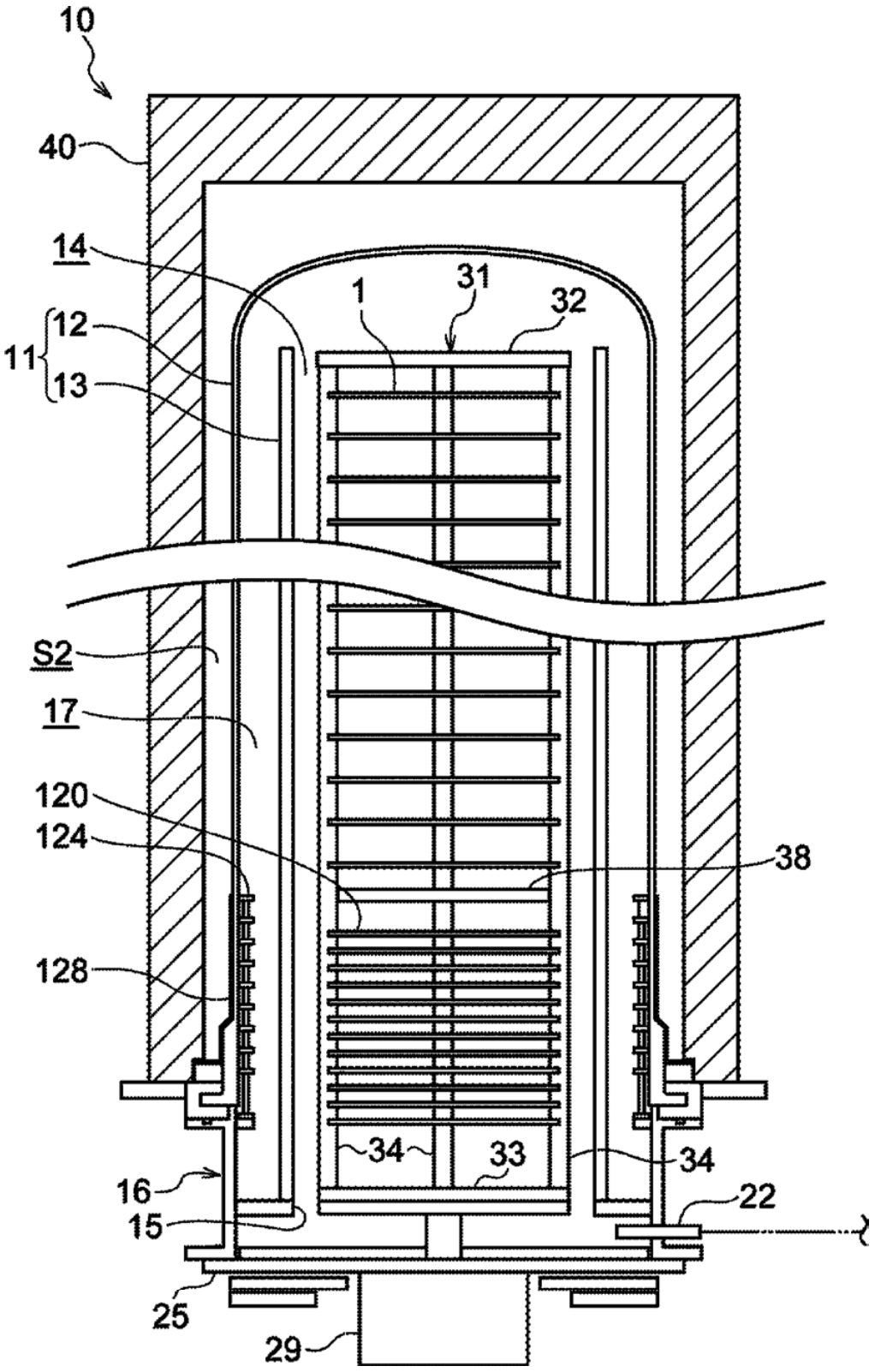
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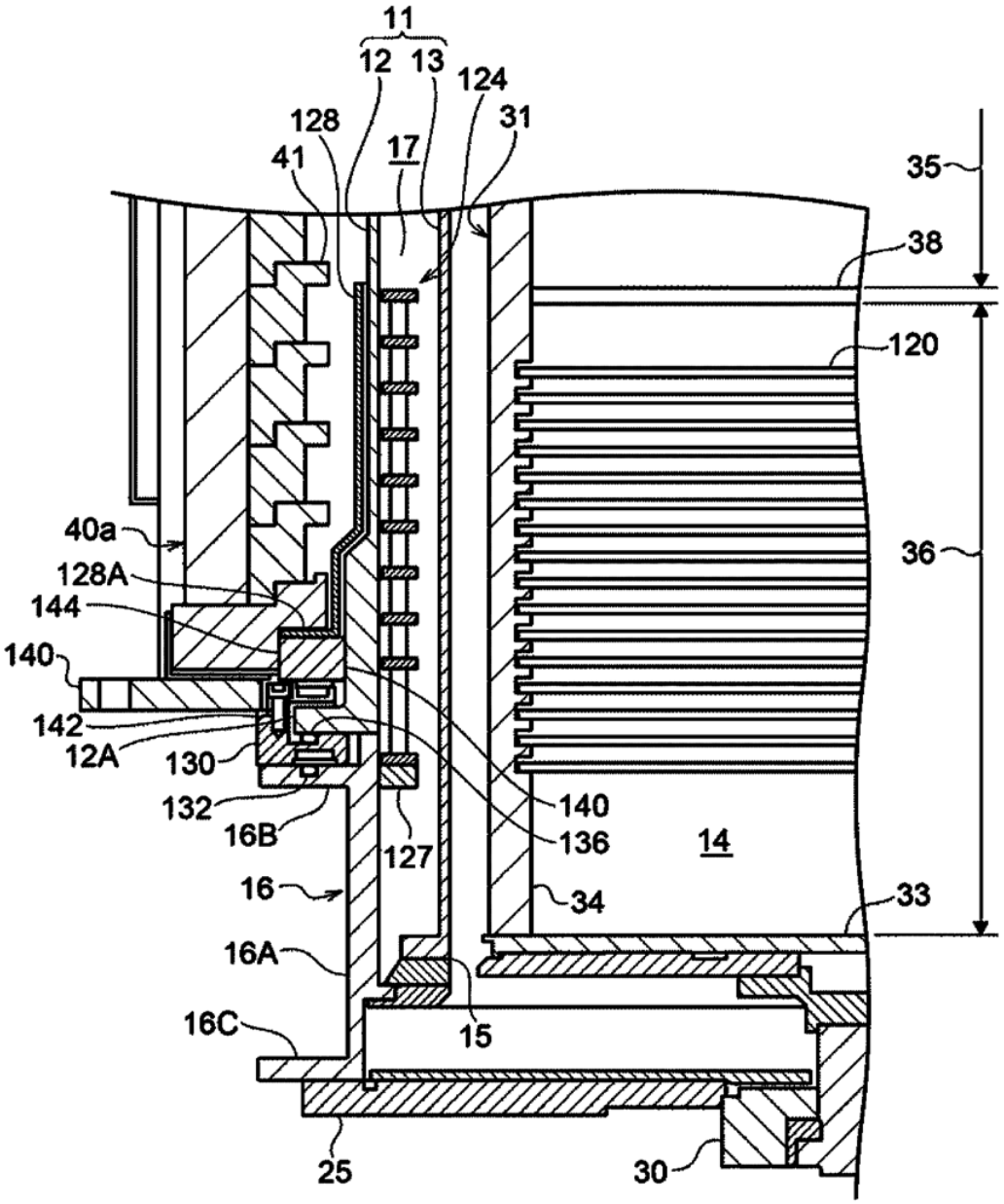
[Figure 1]



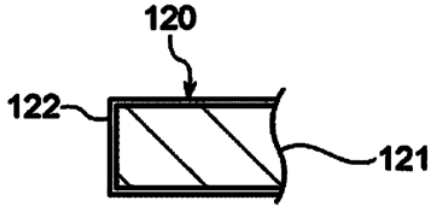
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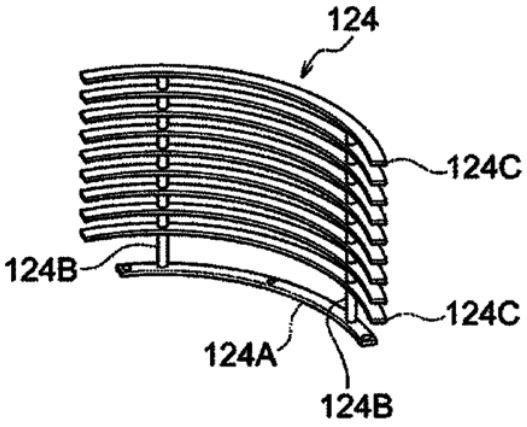
[Figure 3A]



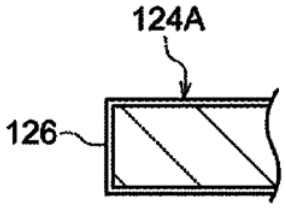
[Figure 3B]



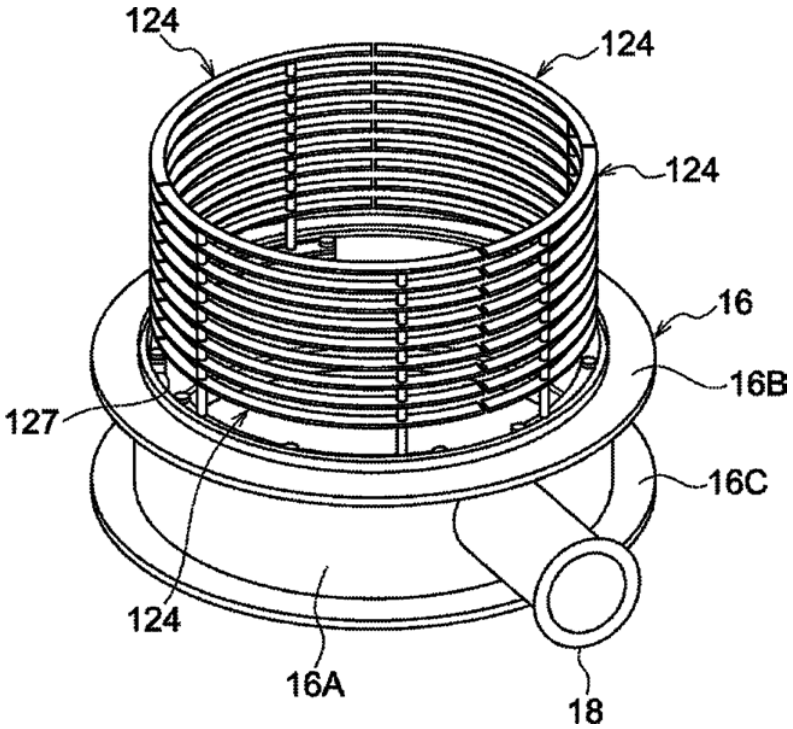
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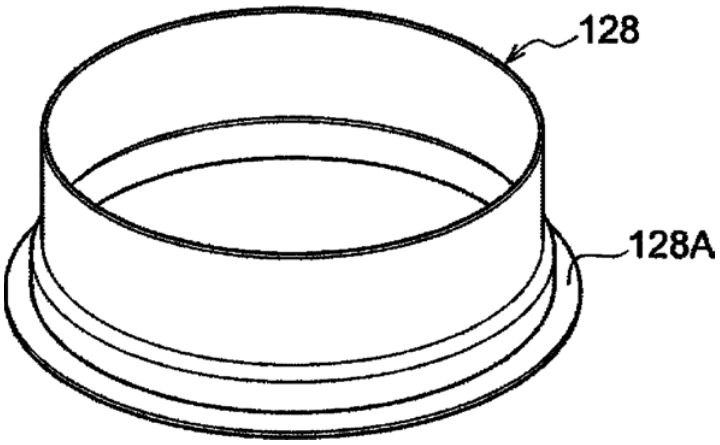
[Figure 4B]



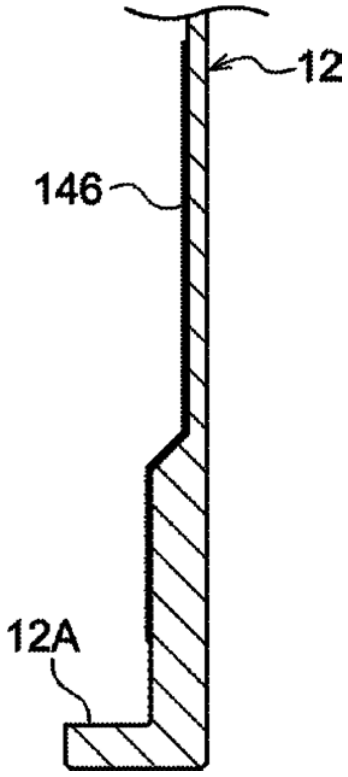
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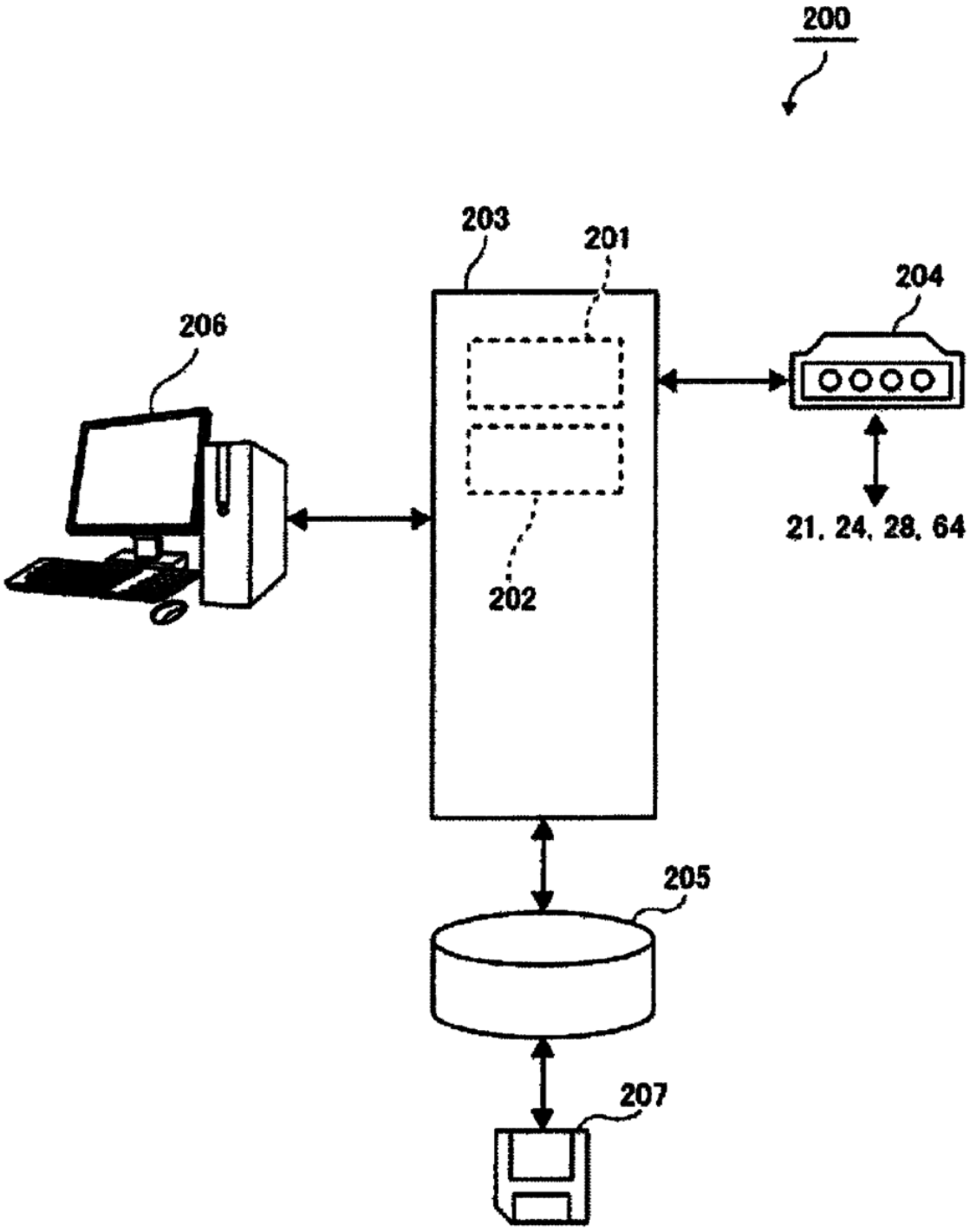
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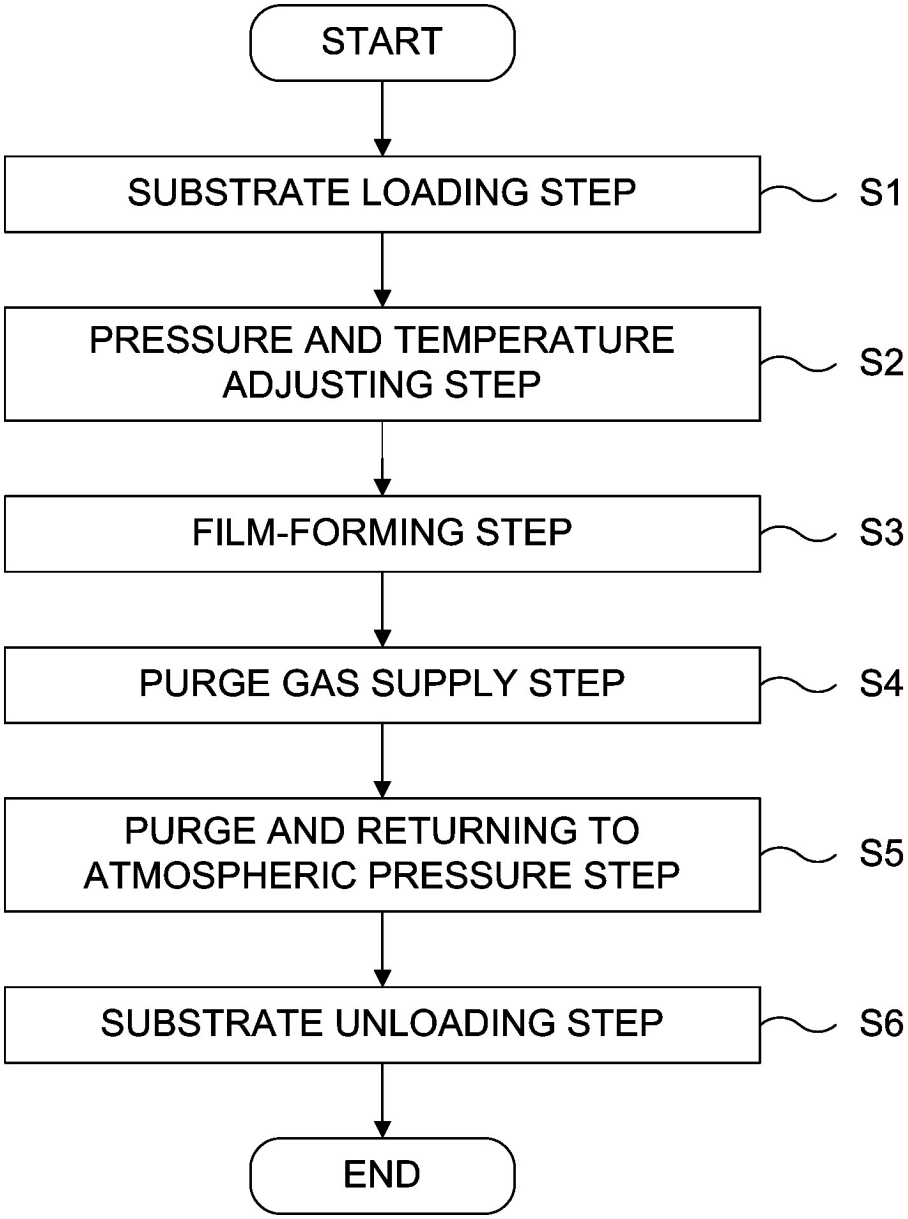
[Figure 7]



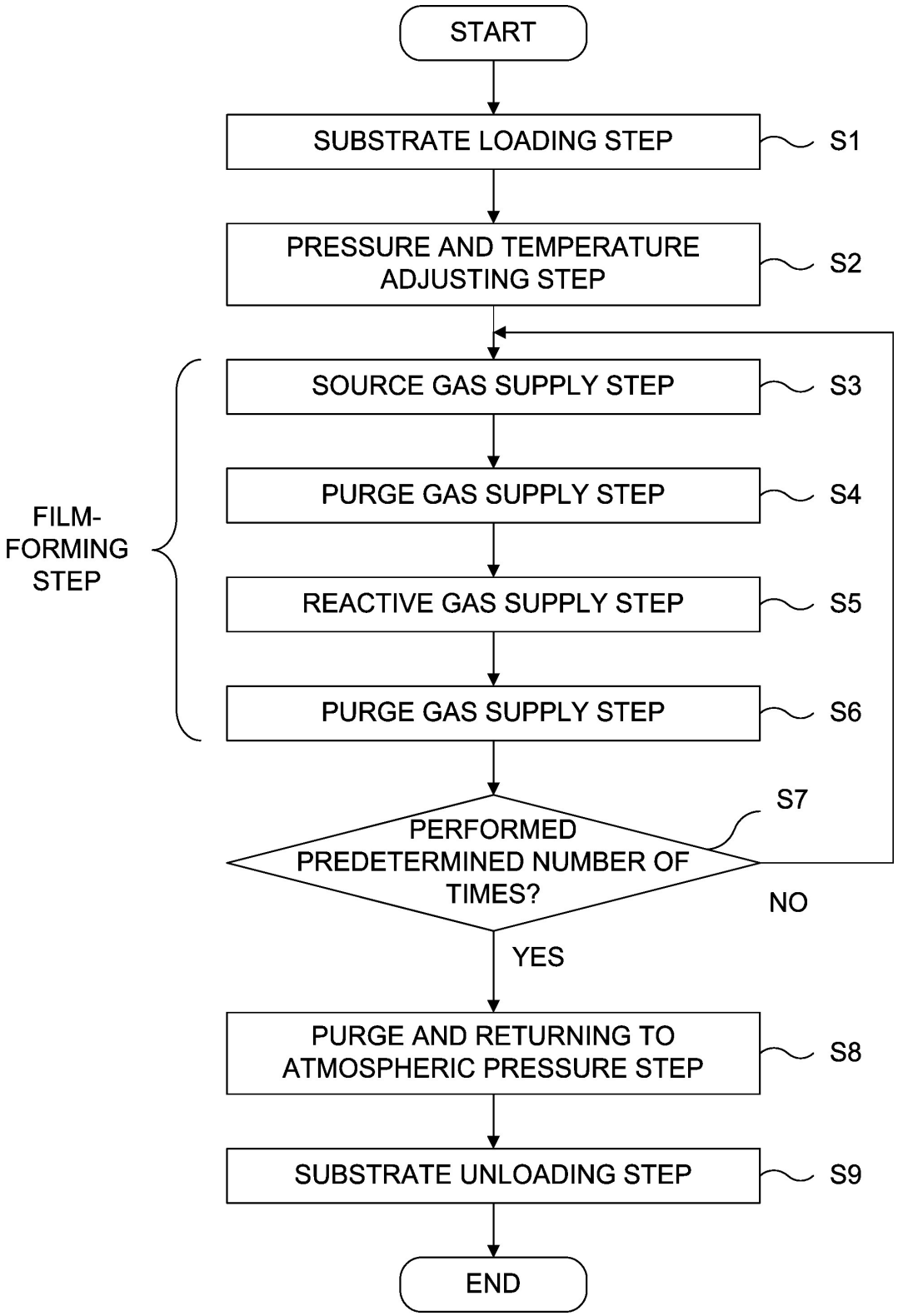
[Figure 8]



[Figure 9]


START
SUBSTRATE LOADING STEP
S1
PRESSURE AND TEMPERATURE ADJUSTING STEP
S2
FILM-FORMING STEP
S3
PURGE GAS SUPPLY STEP
S4
PURGE AND RETURNING TO ATMOSPHERIC PRESSURE STEP
S5
SUBSTRATE UNLOADING STEP
S6
END

[Figure 10]


START
SUBSTRATE LOADING STEP
S1
PRESSURE AND TEMPERATURE ADJUSTING STEP
S2
SOURCE GAS SUPPLY STEP
S3
PURGE GAS SUPPLY STEP
S4
REACTIVE GAS SUPPLY STEP
S5
PURGE GAS SUPPLY STEP
S6
FILM-FORMING STEP
S7
PERFORMED PREDETERMINED NUMBER OF TIMES?
NO
YES
PURGE AND RETURNING TO ATMOSPHERIC PRESSURE STEP
S8
SUBSTRATE UNLOADING STEP
S9
END