one N2-CVD cycle
one N2-CVD cycle
Pre-heat
WF6 divert
H2-WF6 reduction (no N2)
WF6 divert/ delay
H2-WF6 reduction (no N2)
delay 1
WF6 divert
H2-WF6 reduction (w / N2)
delay 2
WF6 divert
H2-WF6 reduction (no N2)
delay 1
WF6 divert
H2-WF6 reduction (w/ N2)
delay 2
Ar CVD carrier gas flow

FIGURE ~~3A~~ 3B

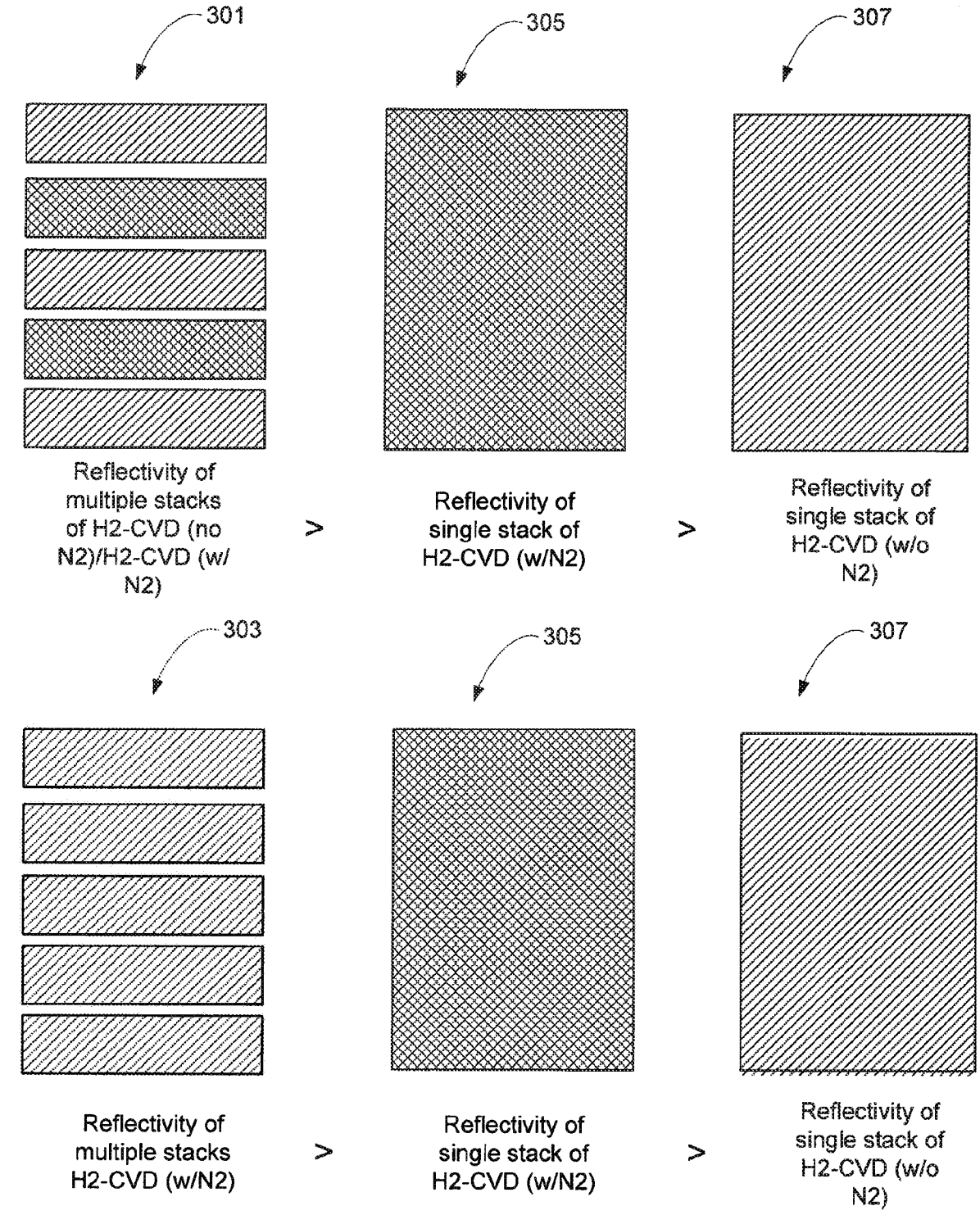

301
305
307
Reflectivity of multiple stacks of H2-CVD (no N2)/H2-CVD (w/ N2)
>
Reflectivity of single stack of H2-CVD (w/N2)
>
Reflectivity of single stack of H2-CVD (w/o N2)
303
305
307
Reflectivity of multiple stacks H2-CVD (w/N2)
>
Reflectivity of single stack of H2-CVD (w/N2)
>
Reflectivity of single stack of H2-CVD (w/o N2)
Between each stack W growth is interrupted for at least 1 second
Stack formed by H2 reduction of W precursor in presence of N2
Stack formed by H2 reduction of W precursor in absence of N2

FIGURE ~~3B~~ 3A