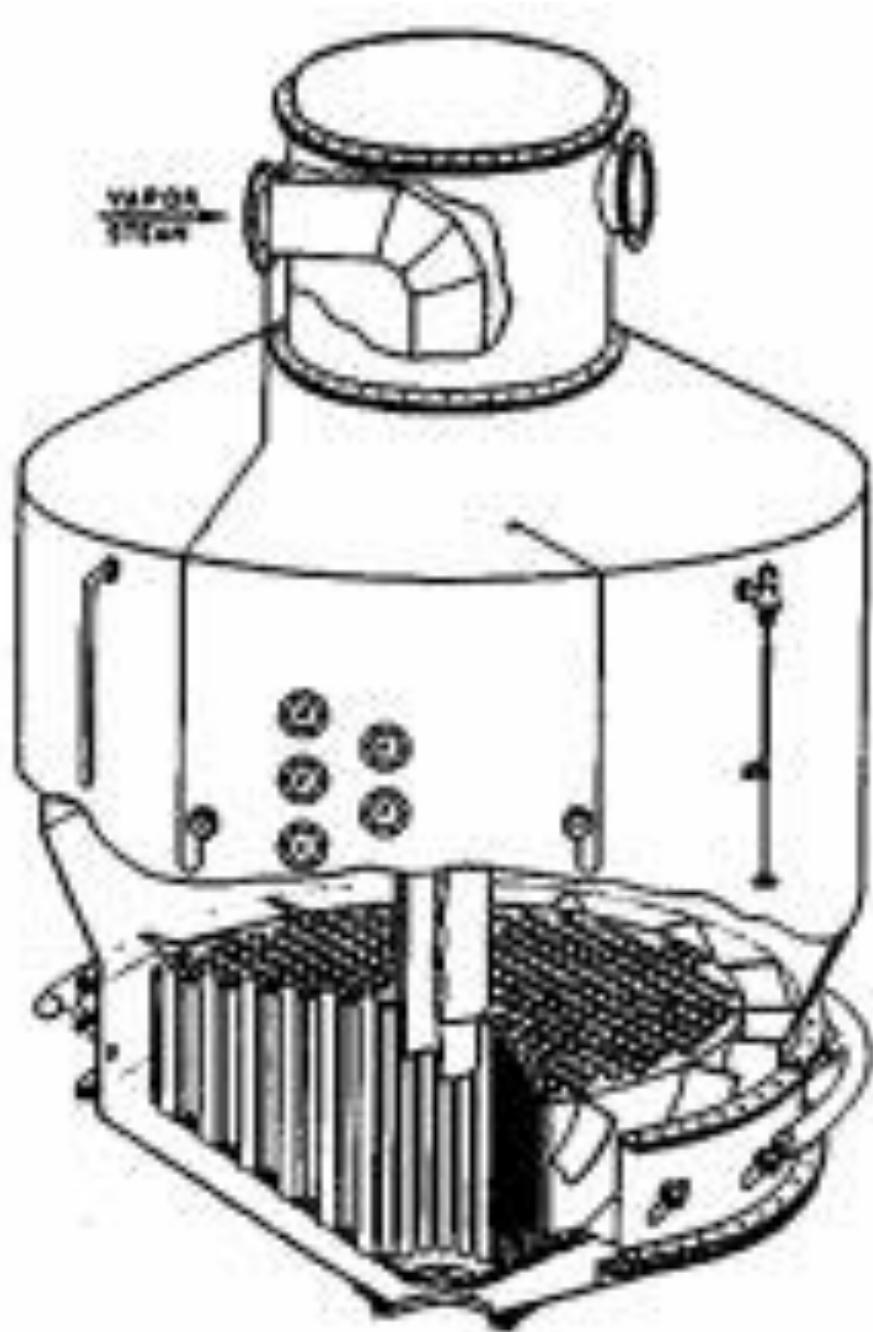
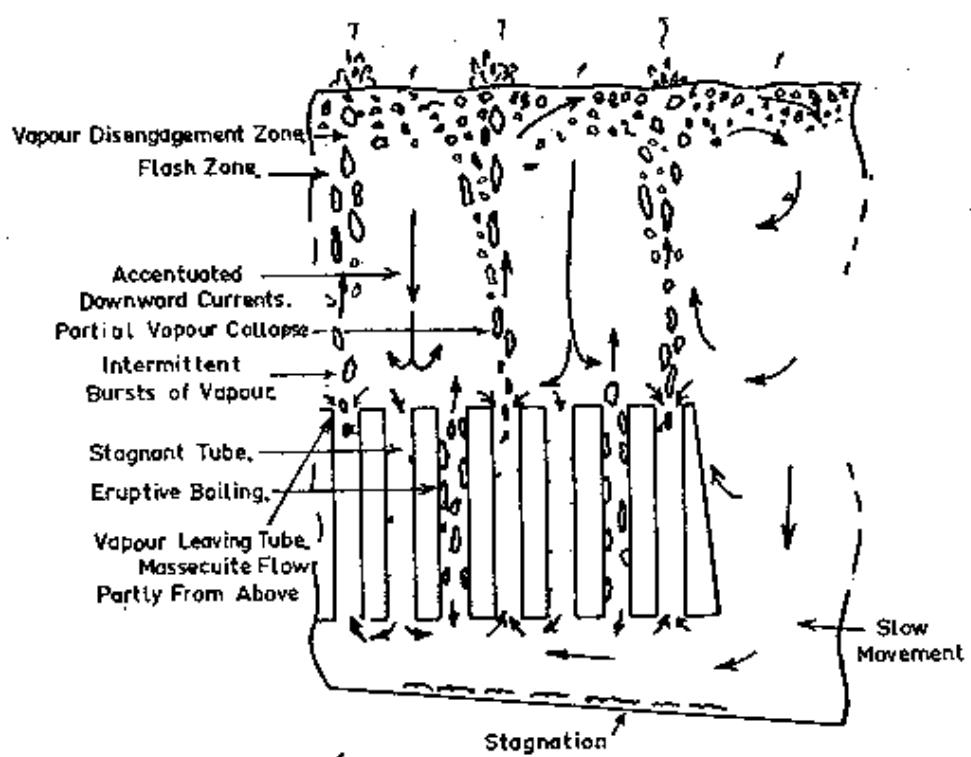
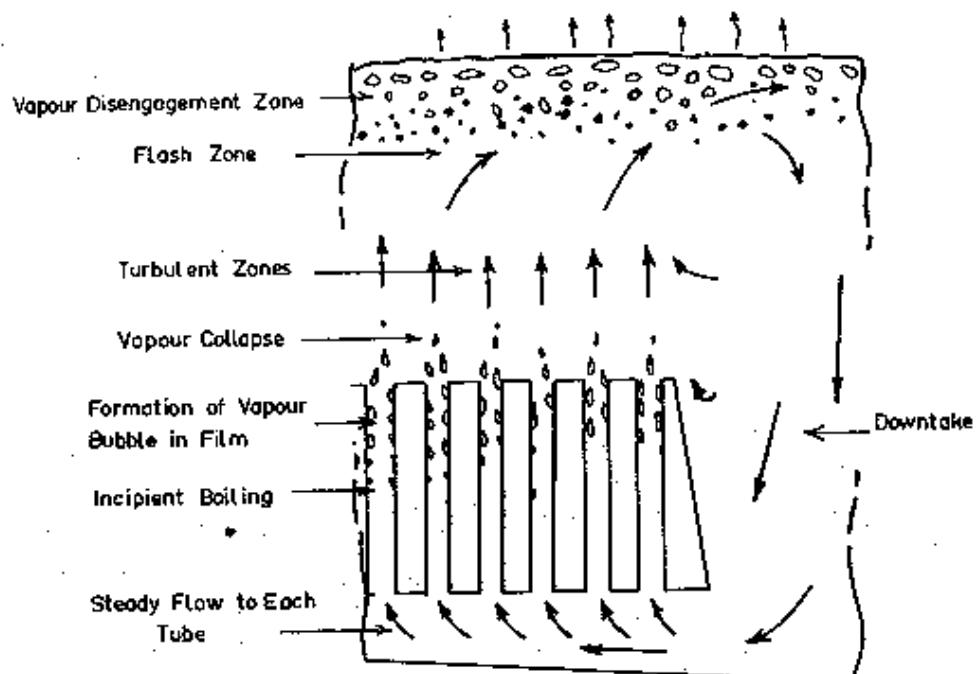


## LAMPIRAN

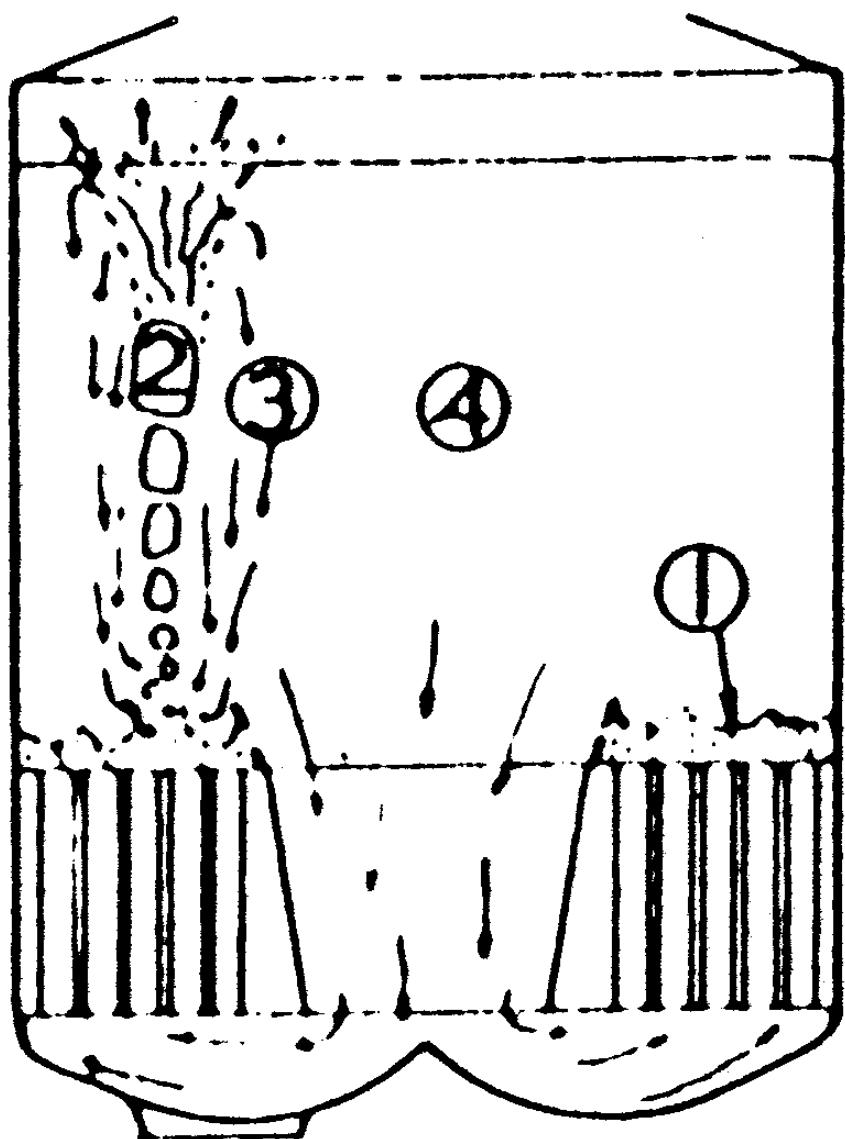
Lampiran 1. *Floating calandria vacuum pan*



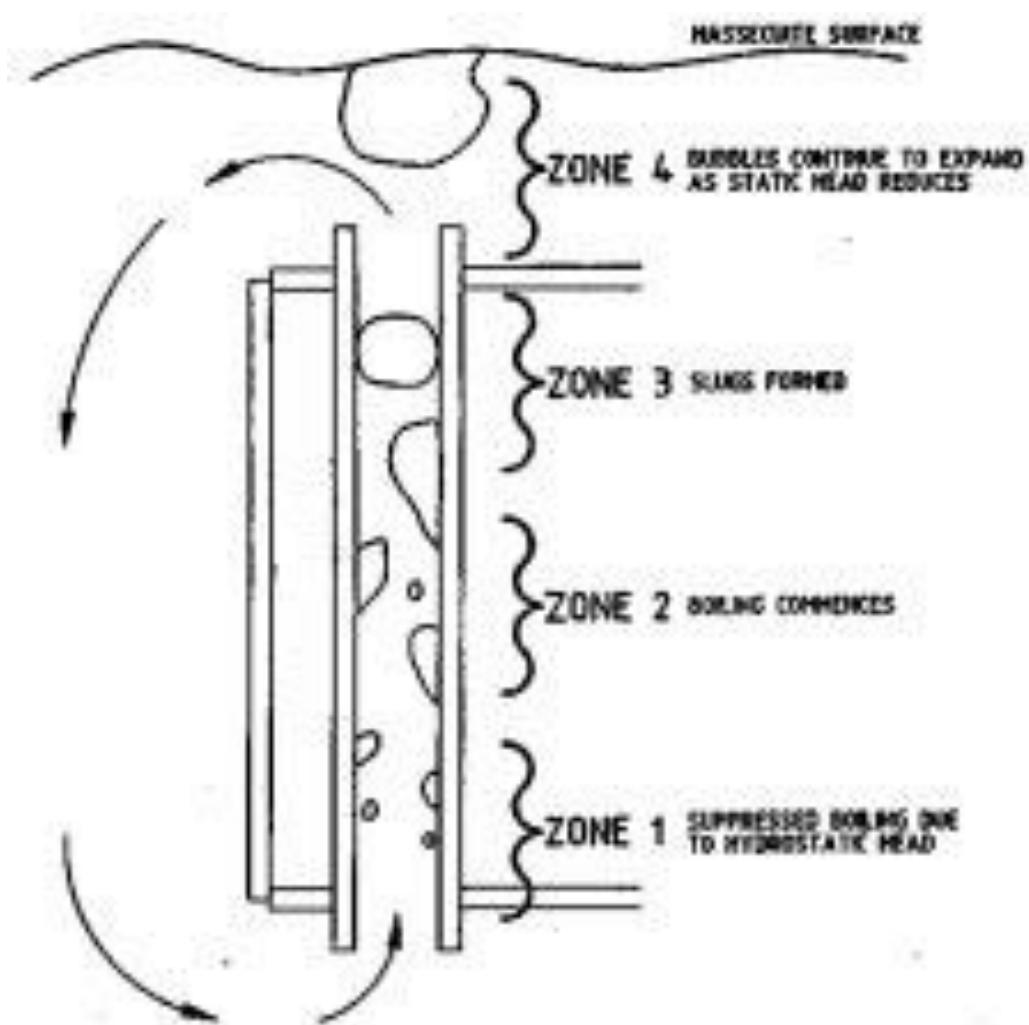
Lampiran 2. Sirkulasi yang ideal dalam *pan* vakum



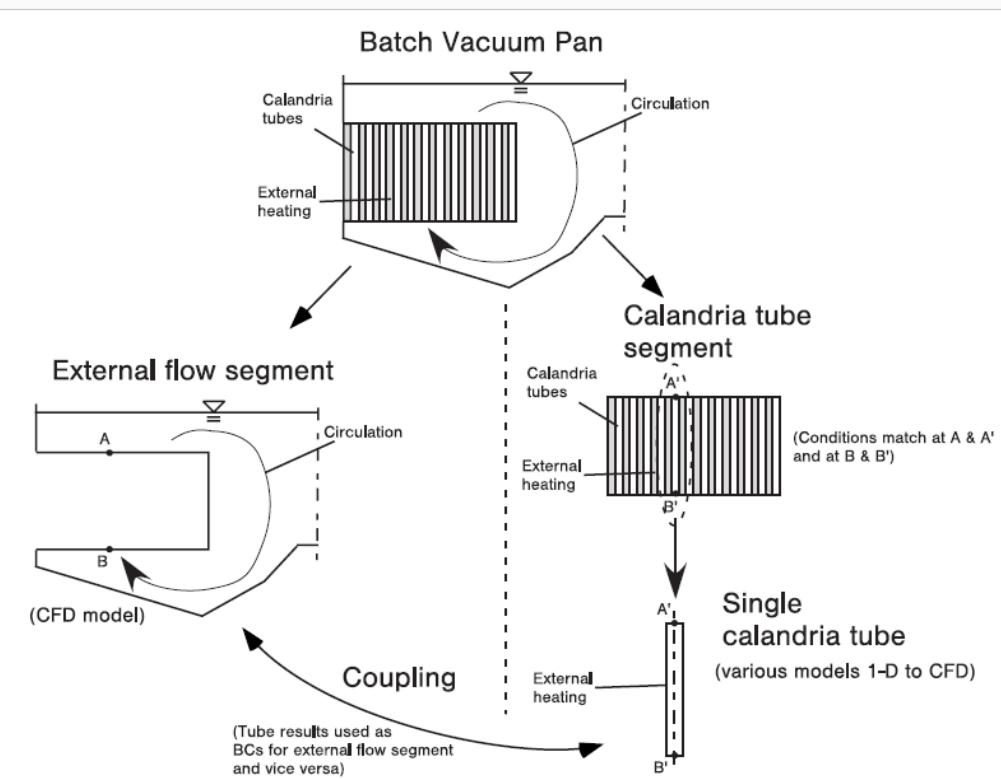
**Lampiran 3.** Pola sirkulasi yang diusulkan



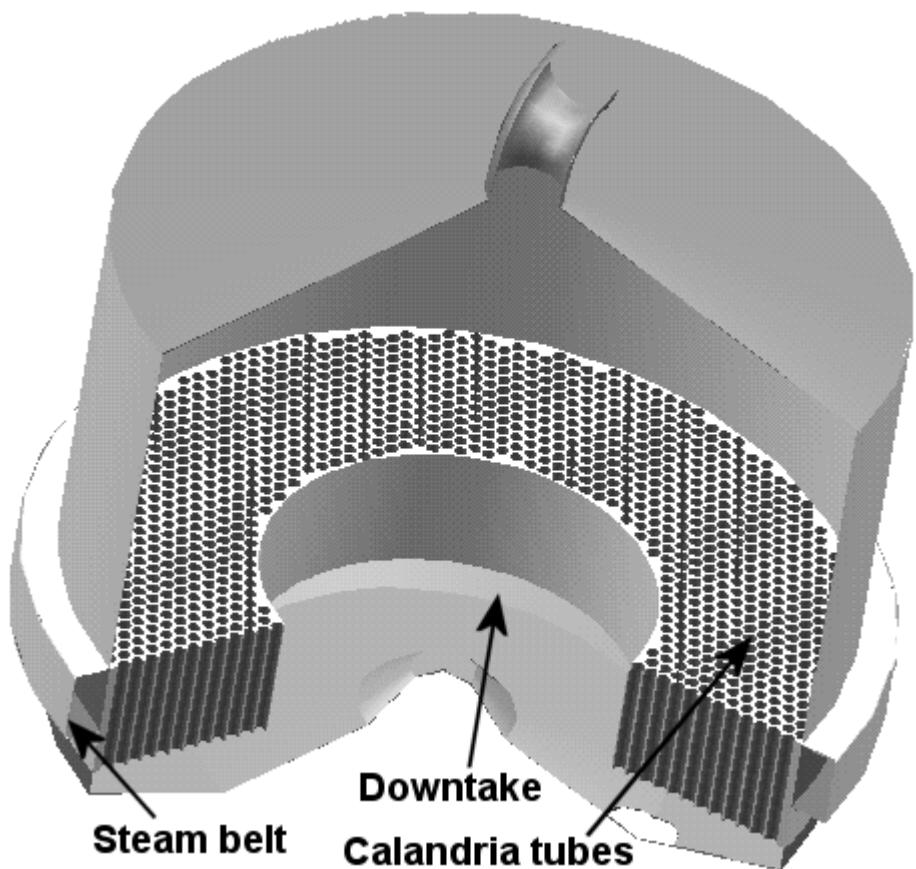
Lampiran 4. Tube di dalam pan



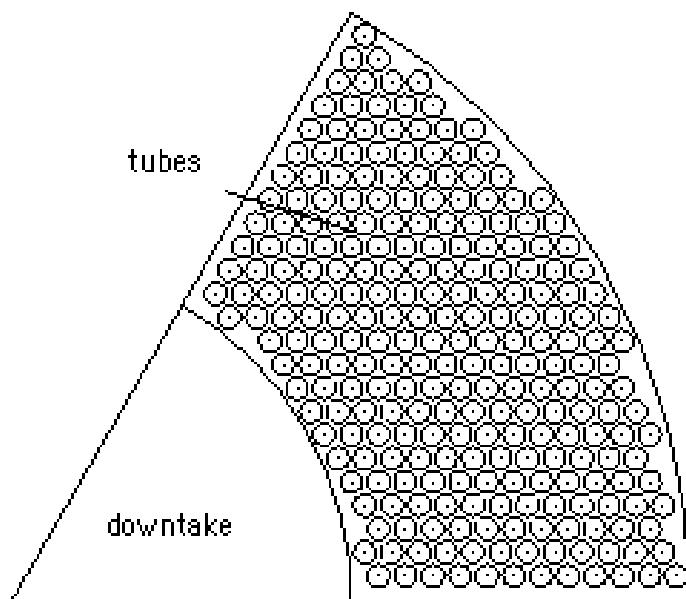
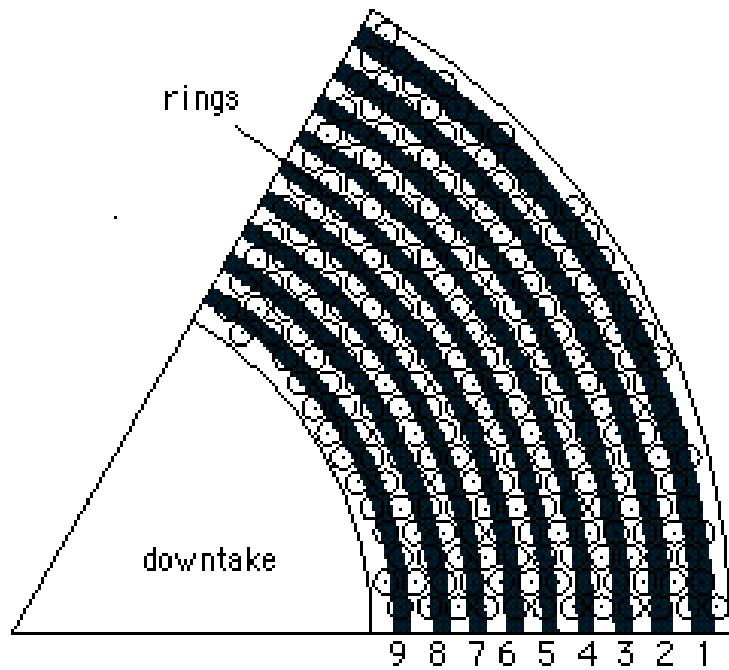
**Lampiran 5.** Pendekatan tersegmentasi pemodelan untuk *pan* vakum



**Lampiran 6.** Bagian dalam dari *pan* vakum batch



**Lampiran 7.** Tampilan tata-letak cincin dilapiskan ke *tube* dan Tampilan tata letak *tube* untuk *pan* vakum



**Lampiran 8.** Penampang melintang melalui *pan* vakum

