

The above pattern is indicative of the ideal spacing between densification blocks. Complete liberty may be taken with the shape of the blocks as long as the treated to untreated areas, within a particular ring, remain as described. The space between Ring A and Ring B may also vary; narrowing the space increases the overall skin effect resistance, widening the space degrades the control over standing wave reflections.

figure # 5

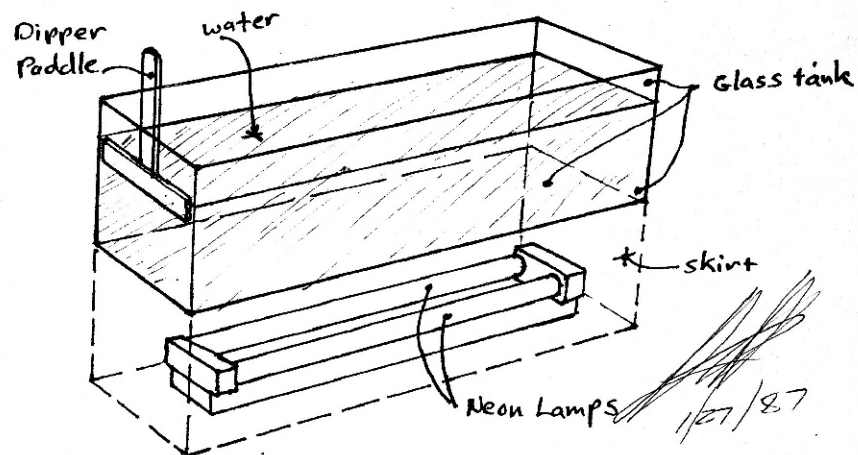
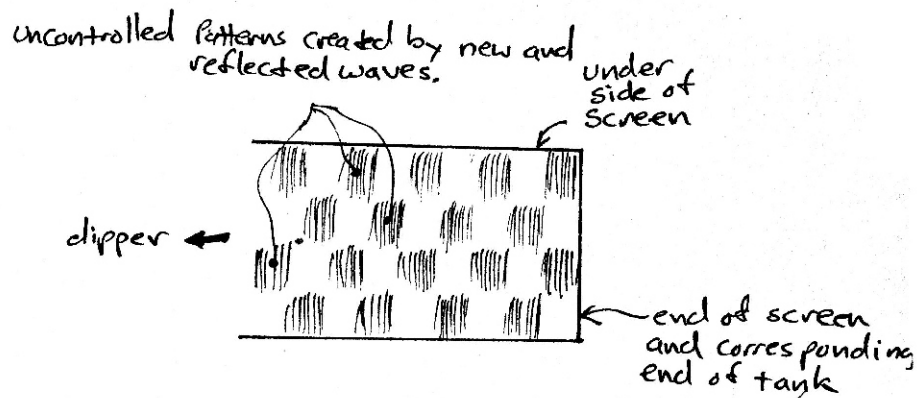
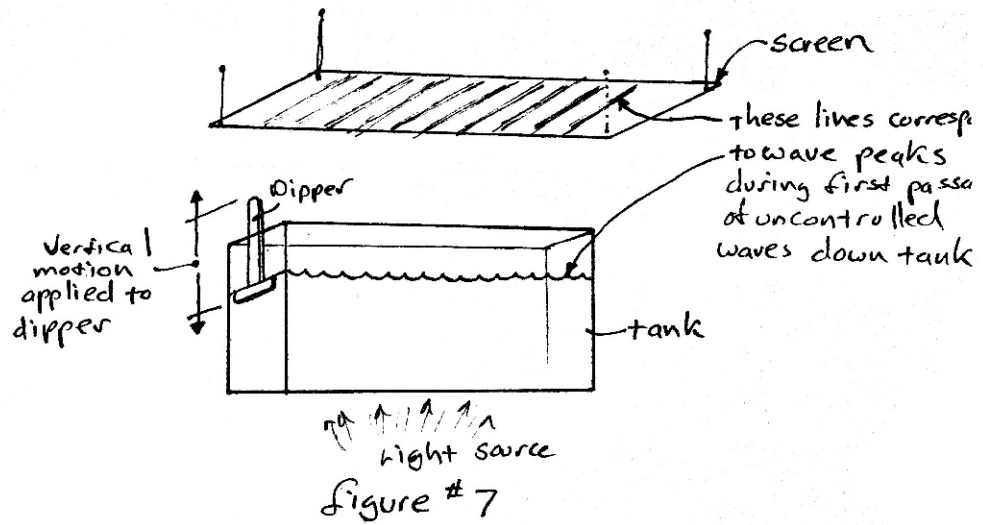


figure # 6



1/27/87

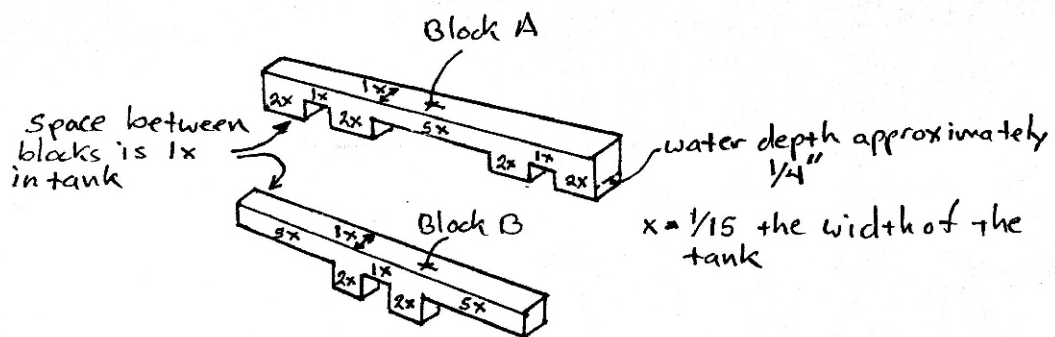


Figure #9

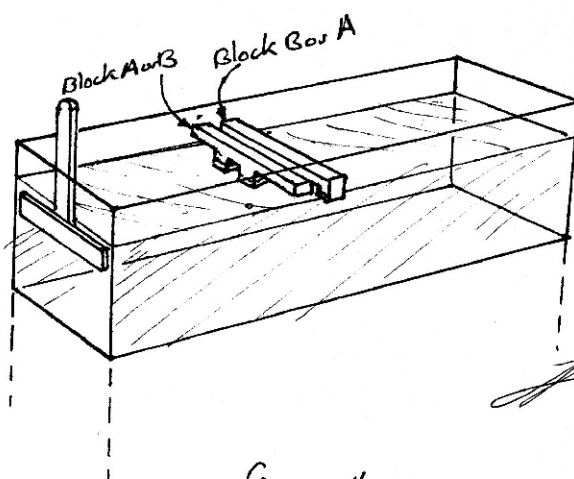
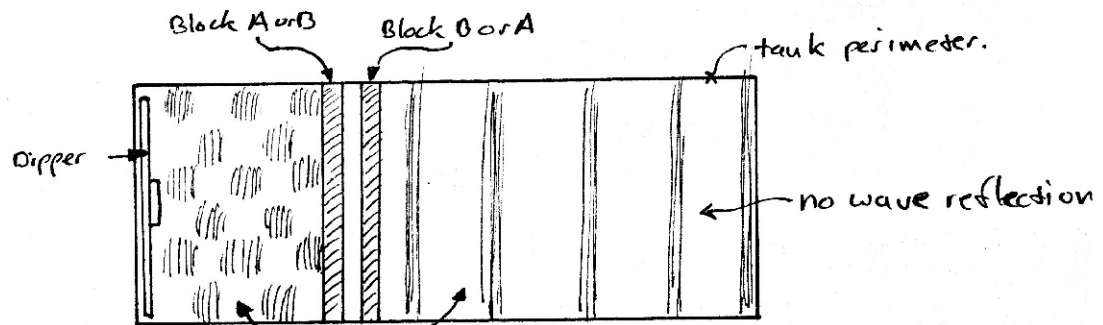


Figure #10

*[Signature]*  
1/27/87



Pattern of corresponding wave peaks  
and dark areas in tank and on  
suspended surface.

figure # 11

*[Signature]*  
1/27/87