

Constant Flow Thru Fry Rearing System

by George F. Meravi

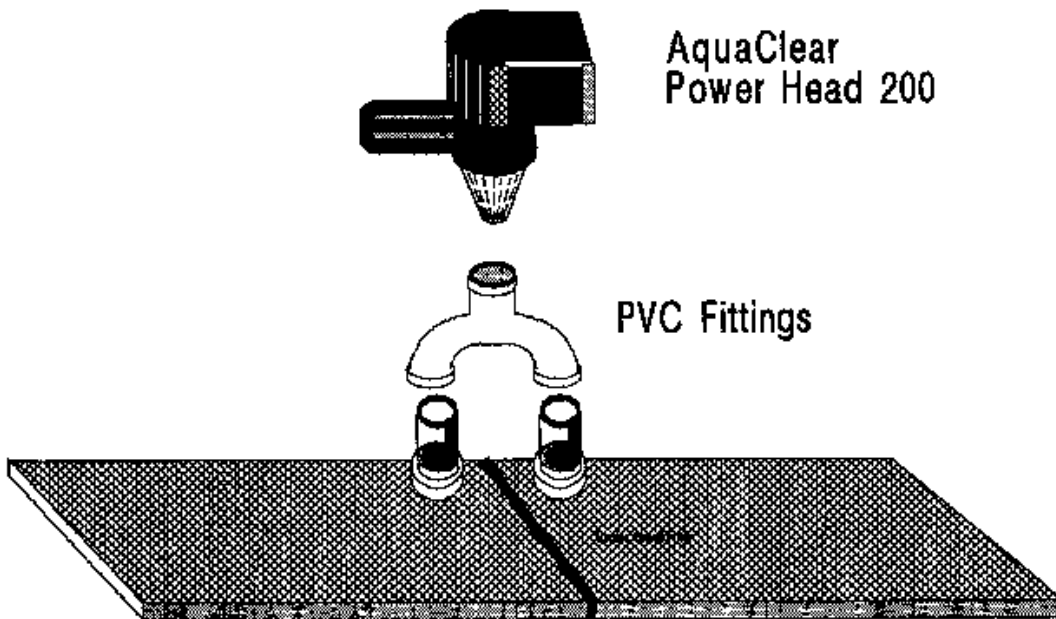
1. Increase survival rate of fry
2. Reduce maintenance

Design Goals

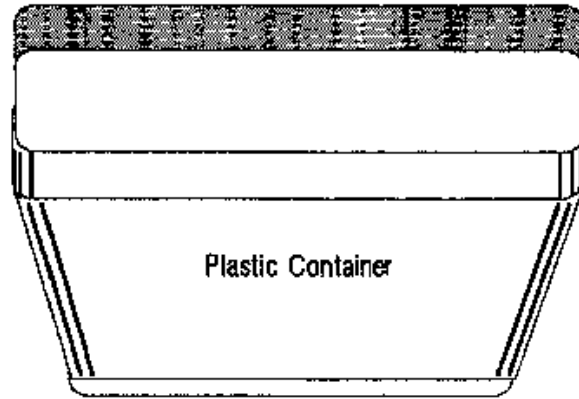
1. Inexpensive
2. Flexible design
3. No flow control valves
4. Adjustable flow rates
5. No maintenance

Diagrams

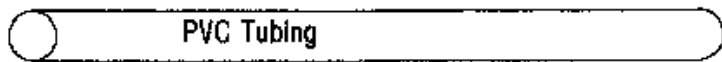
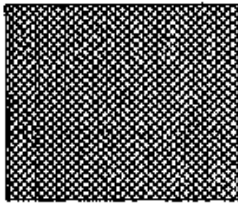
POWER HEAD AND FILTER ASSEMBLY



BABY CONTAINER PARTS



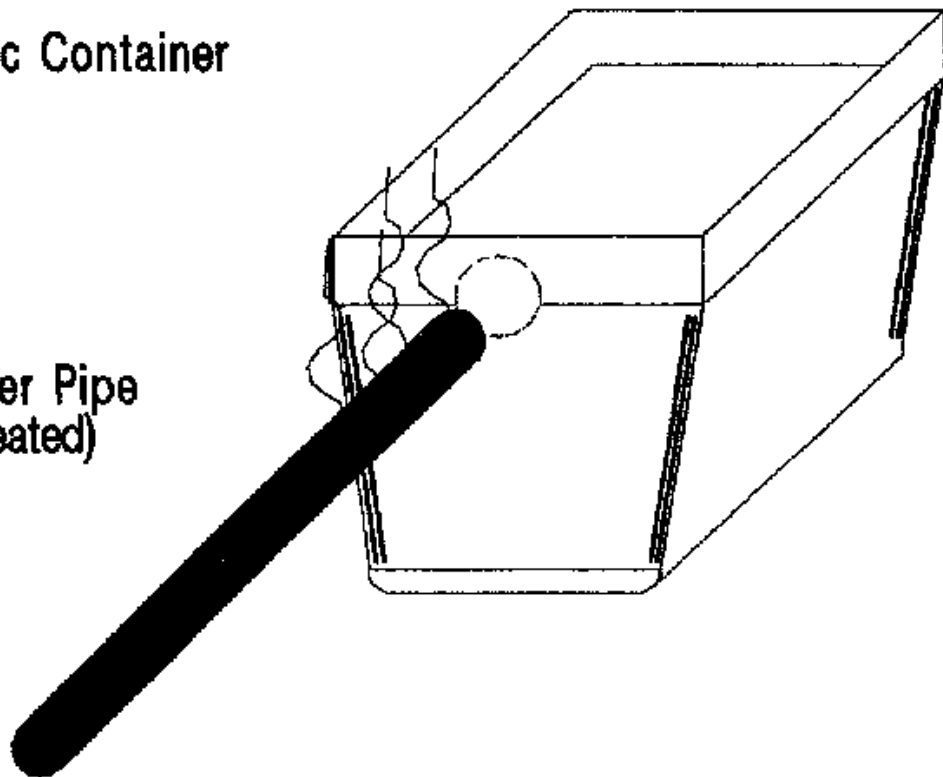
Fine mesh



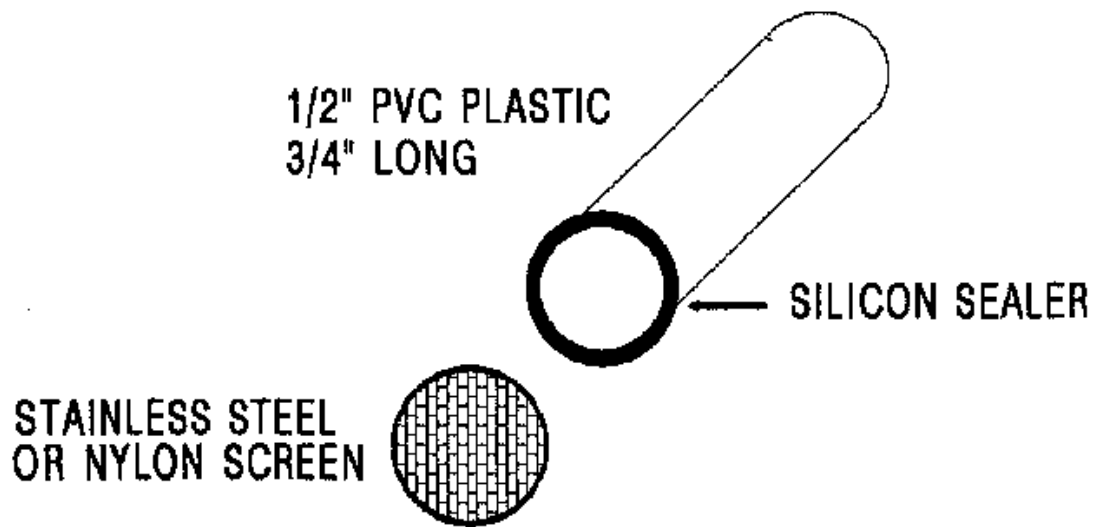
MELT OVERFLOW OPENING

Plastic Container

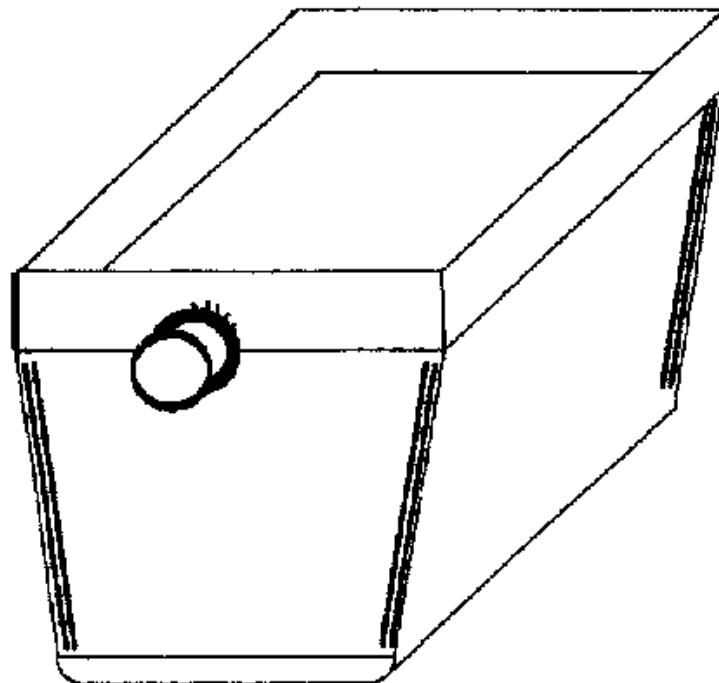
Copper Pipe
(heated)



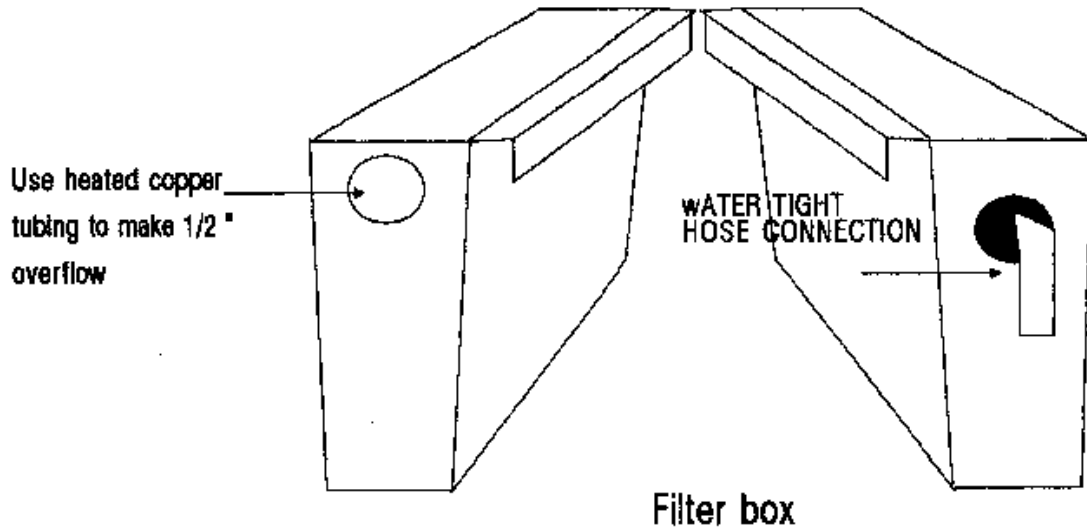
OVERFLOW TUBE ASSEMBLY



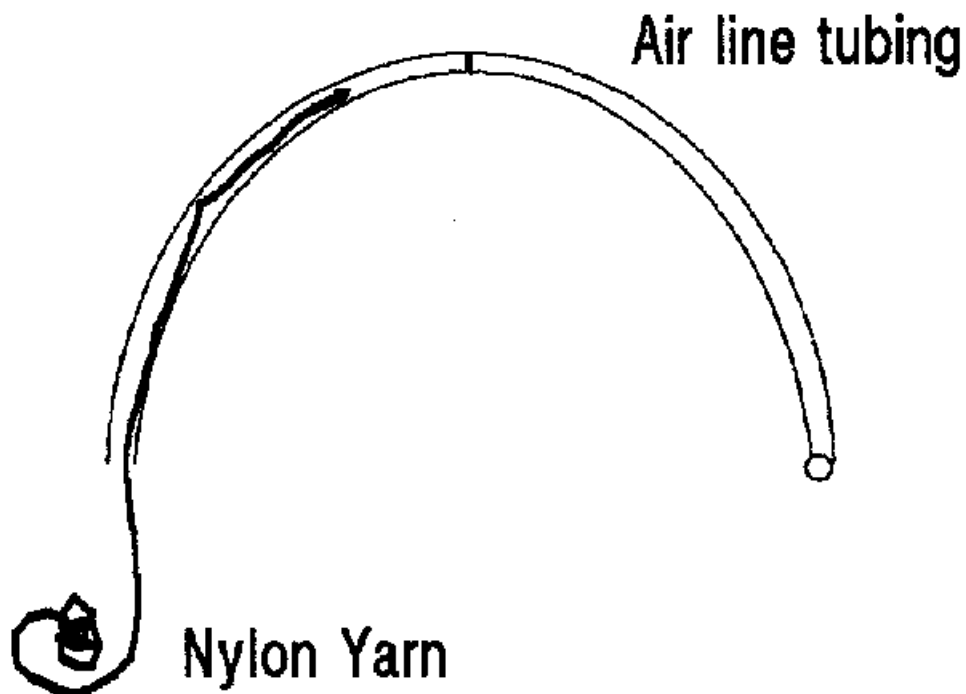
COMPLETED BABY CONTAINER



WATER RESERVOIR ASSEMBLY

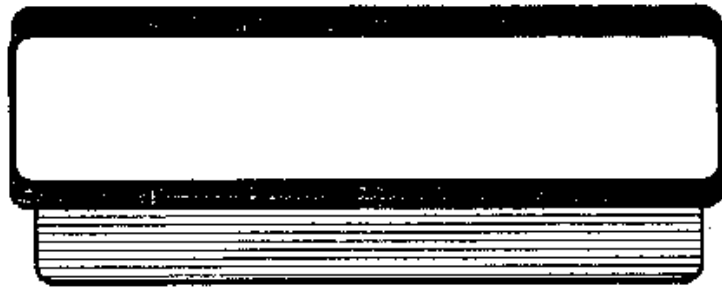


DRIP TUBE ASSEMBLY



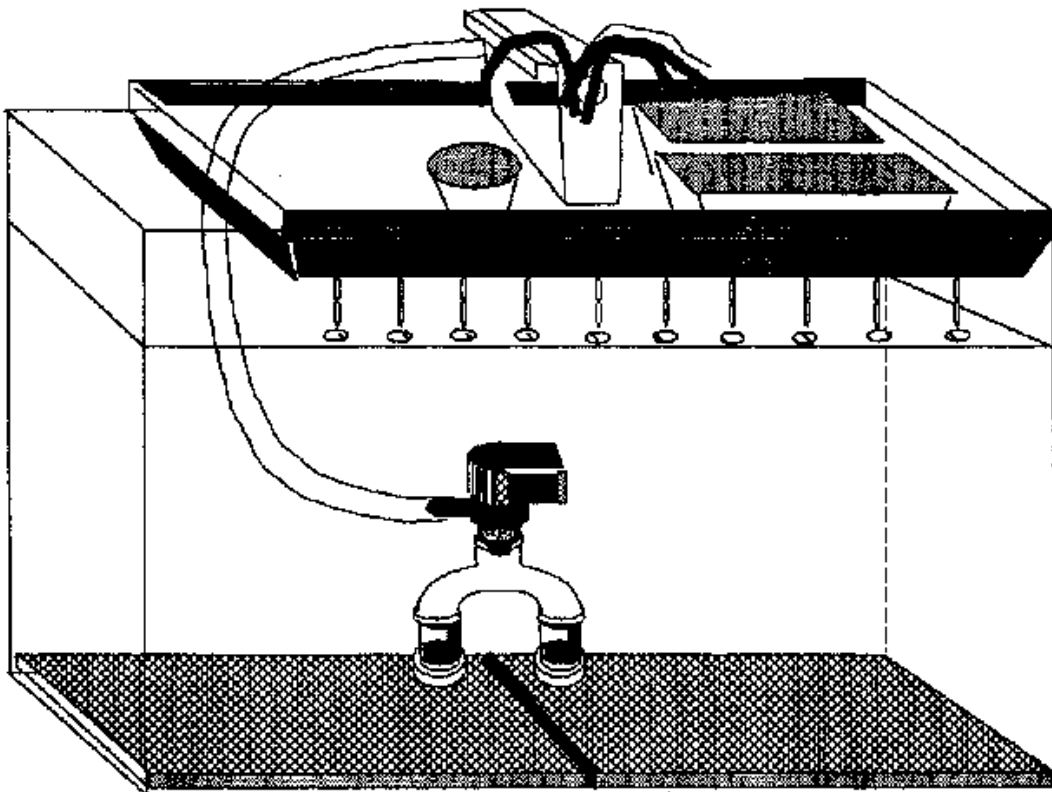
HOLDING TRAY MODIFICATIONS

Drill 1/2" hole in side
for overflow →



Drill pattern of 1/4" holes in bottom

FINISHED SYSTEM



Summary

1. Low cost system
2. Uses common parts
3. No maintenance
4. Easily adapted to changing nursery needs
5. dramatically reduces fry loss
6. Allows heavy feeding
7. Increase growth rate
8. Makes raising fry a lot less work