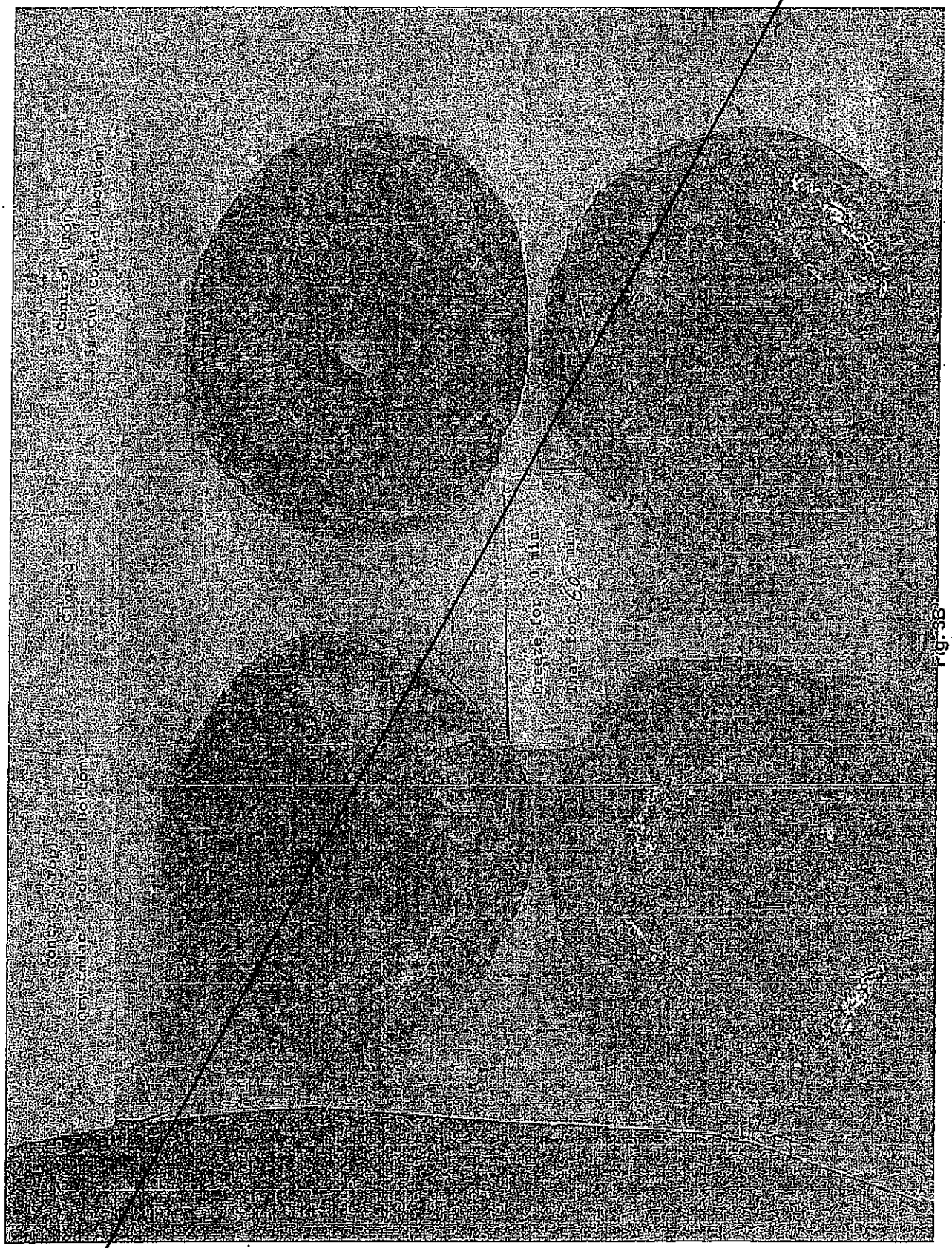
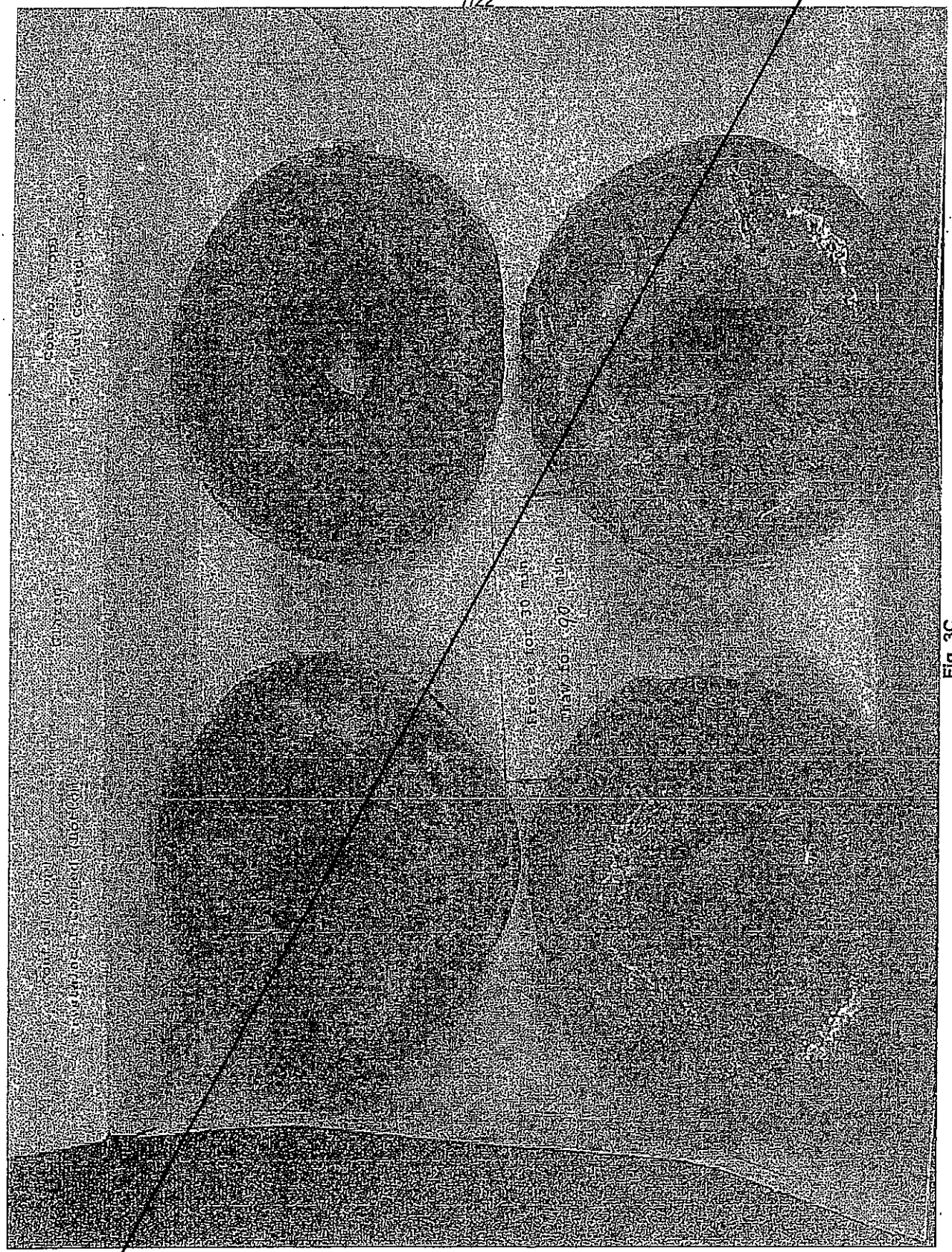

Fig. 3B


Fig. 3C

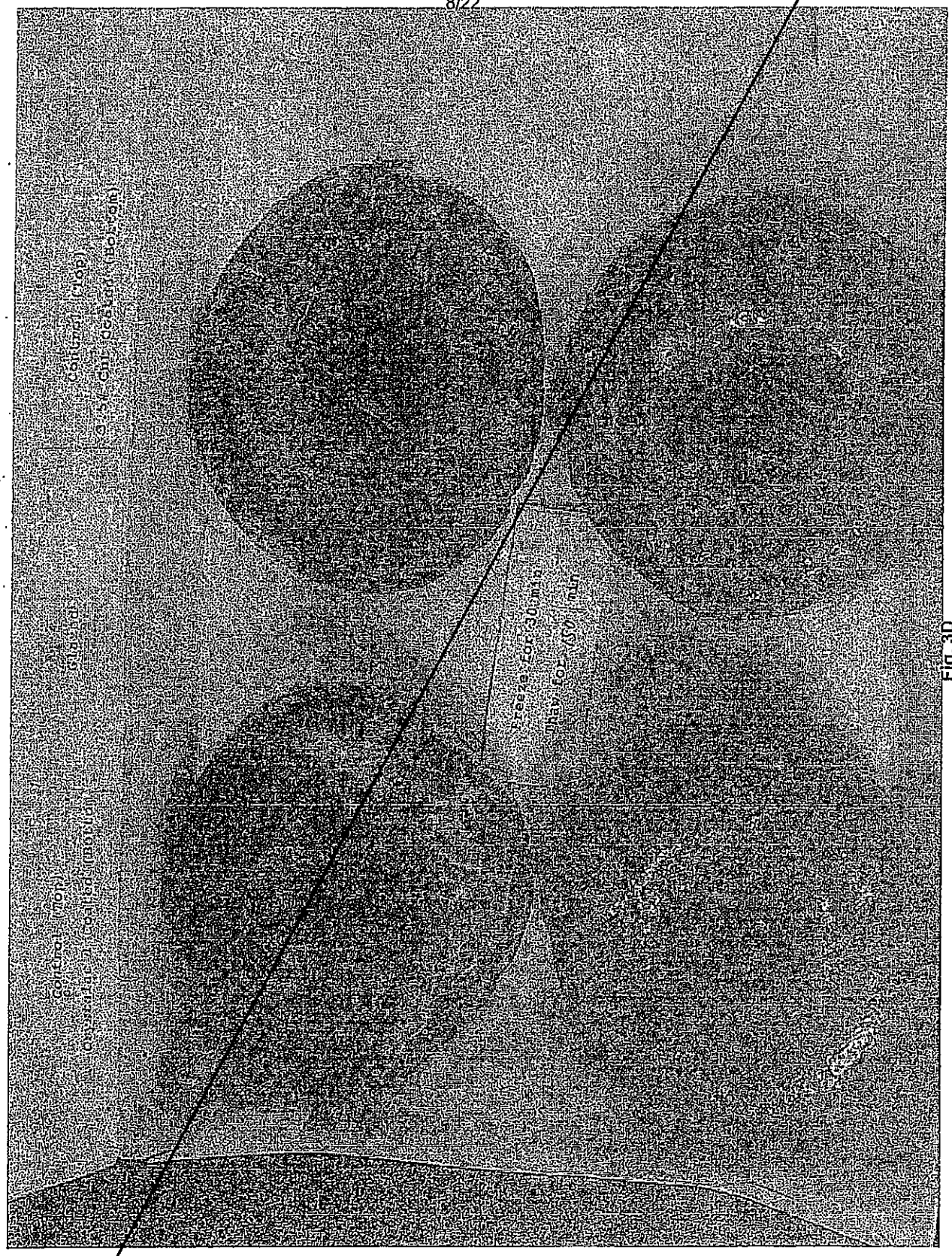

Free or for 30 min
up to 60 min
control module
multiple control modules
(wireless) connection
(wireless) connection

Fig. 3D

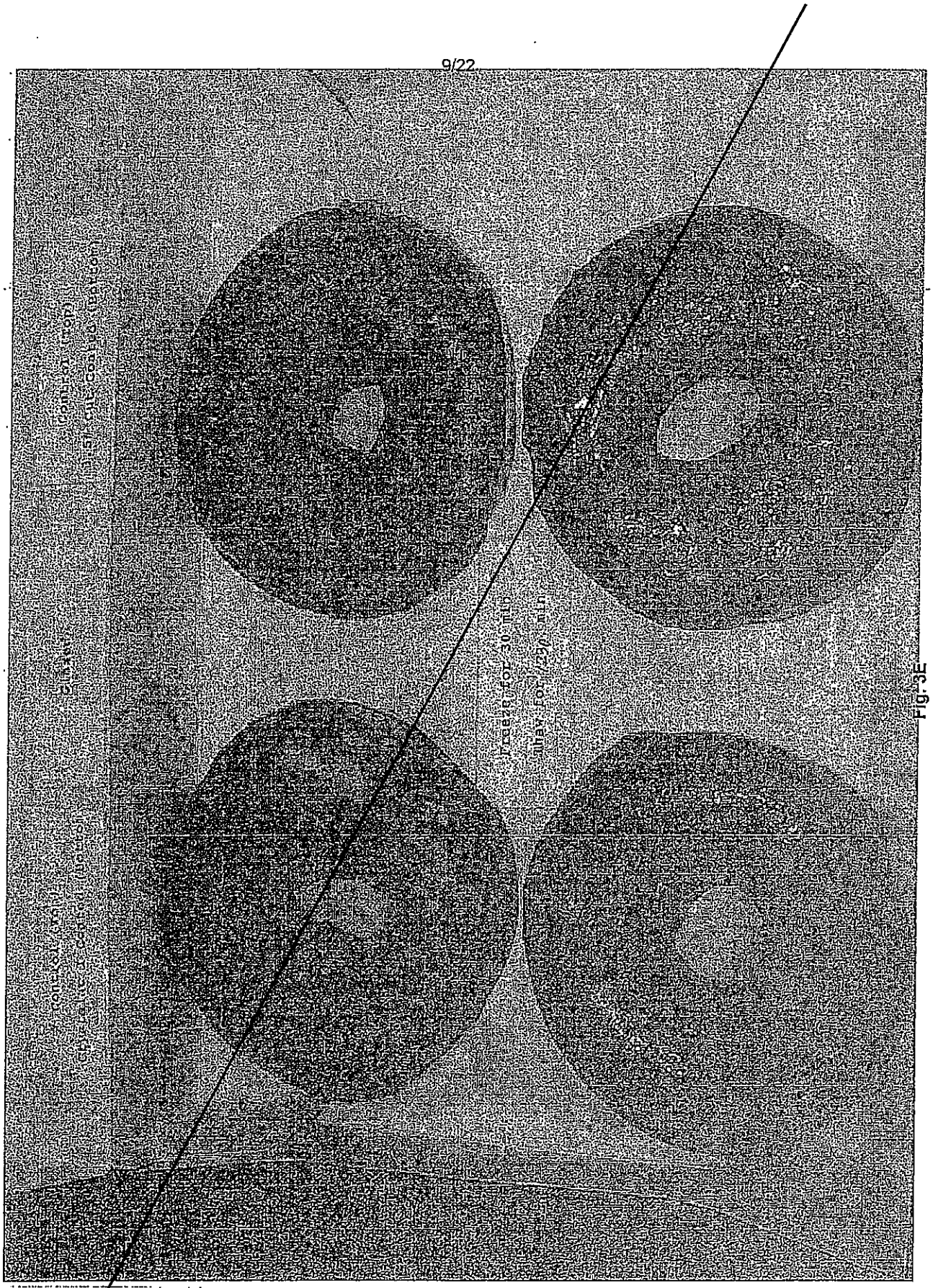


Fig. 3E

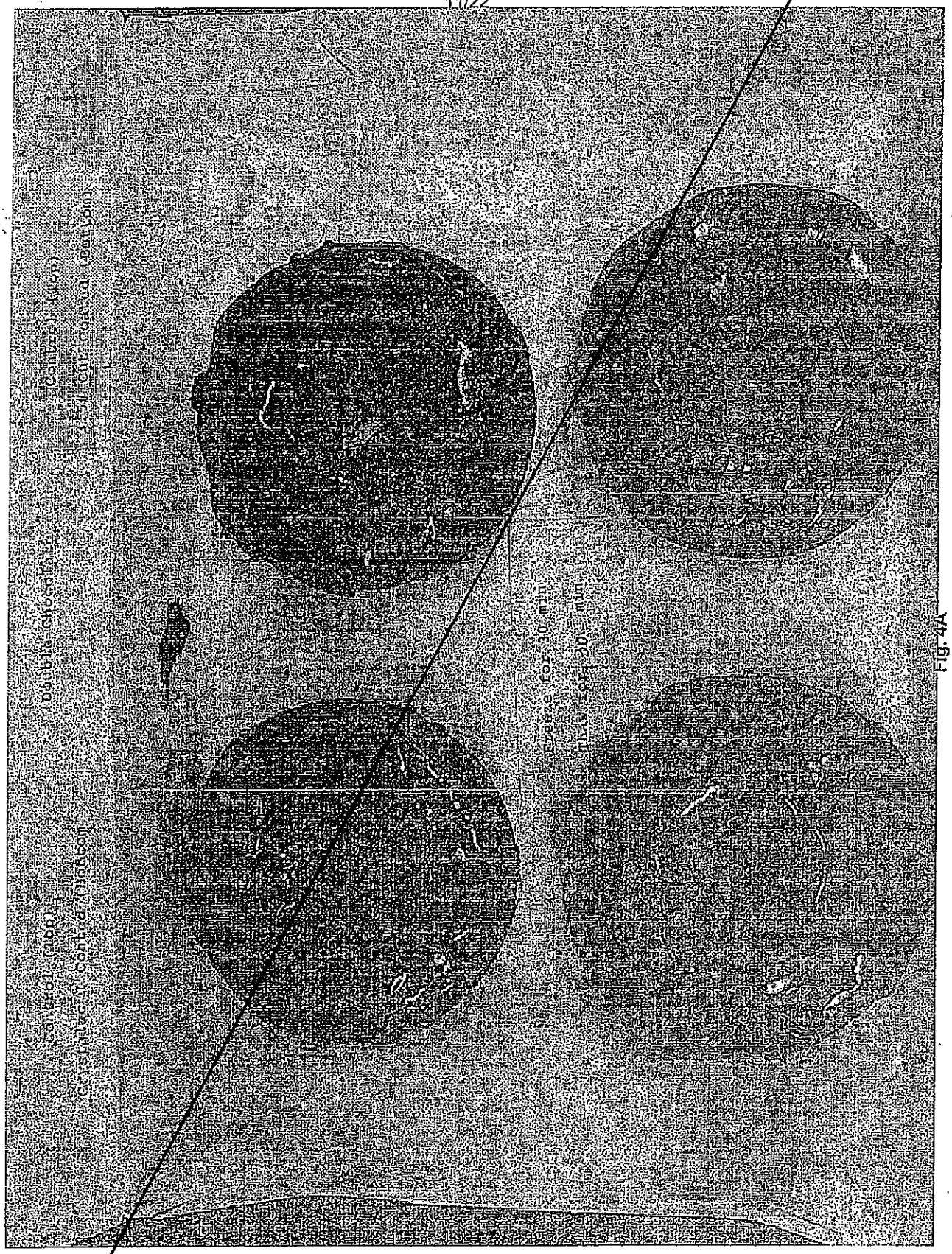

Control (Tbo)
Control (Tbo) + Gum Ghatti Coating (50 µm)
Double Chitosan Coating (100 µm)
Double Chitosan Coating (100 µm) + Gum Ghatti Coating (50 µm)
Tbo after 30 min
Tbo after 30 min

Fig. 4A

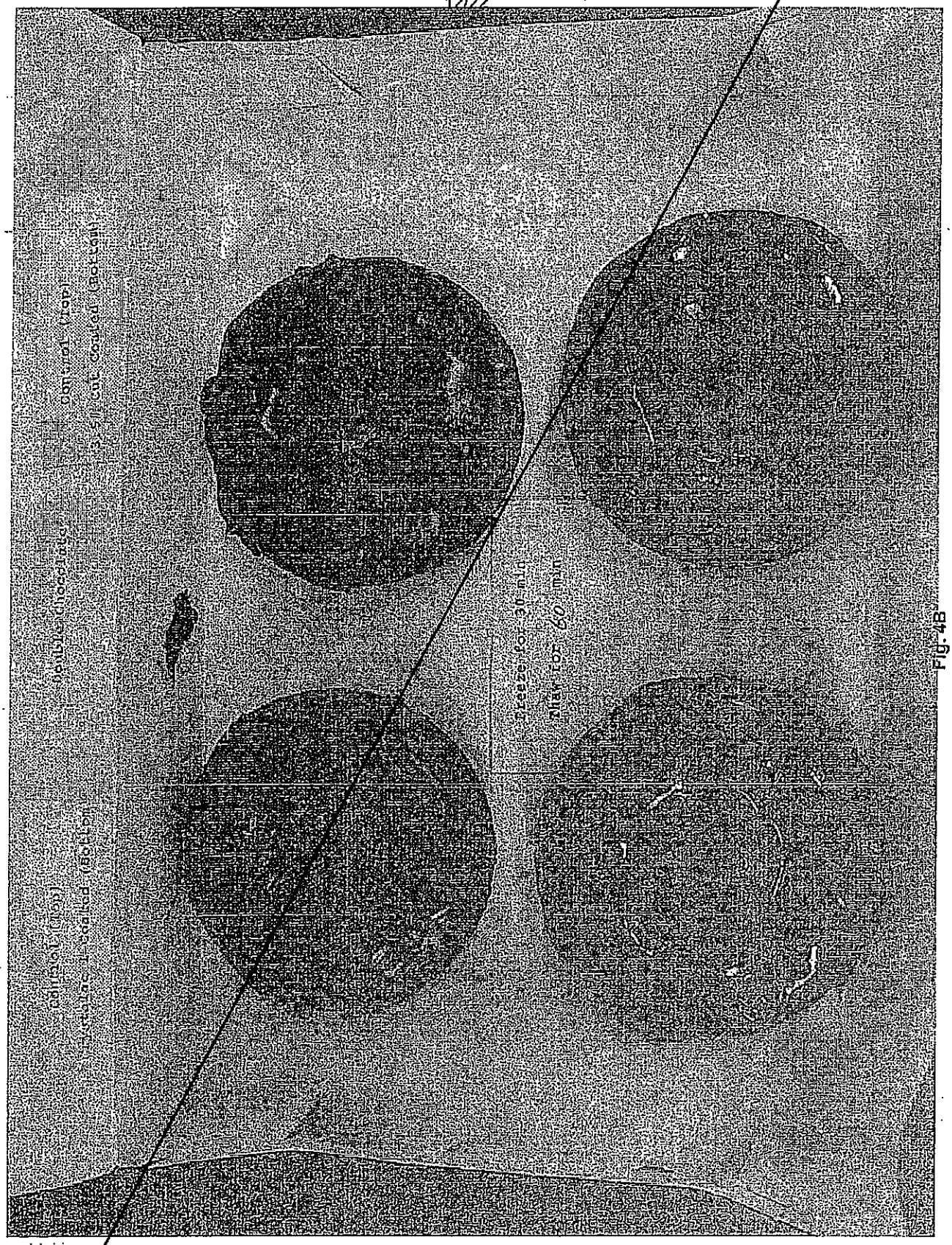


Fig. 4B

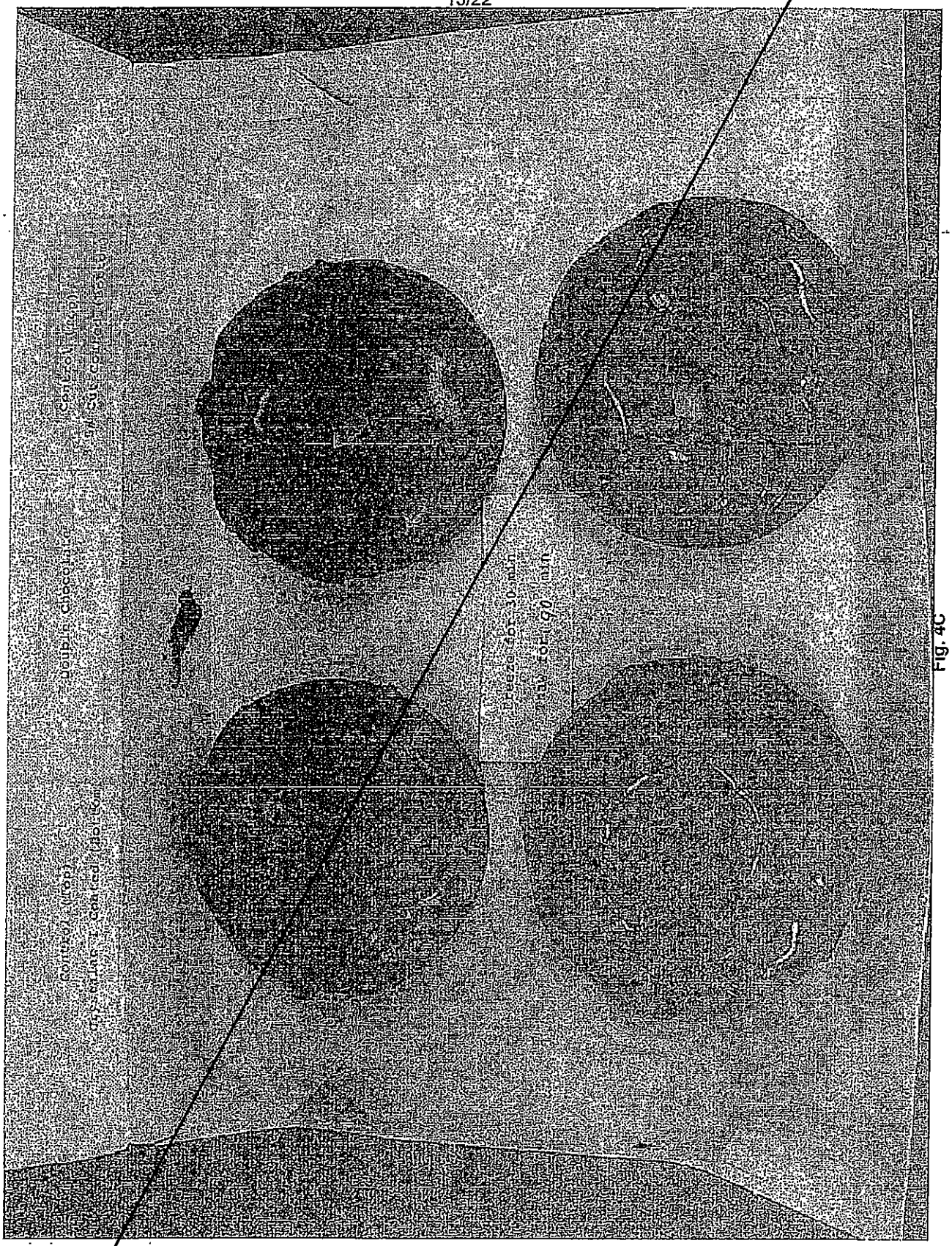


Fig. 4C

Fig. 4D

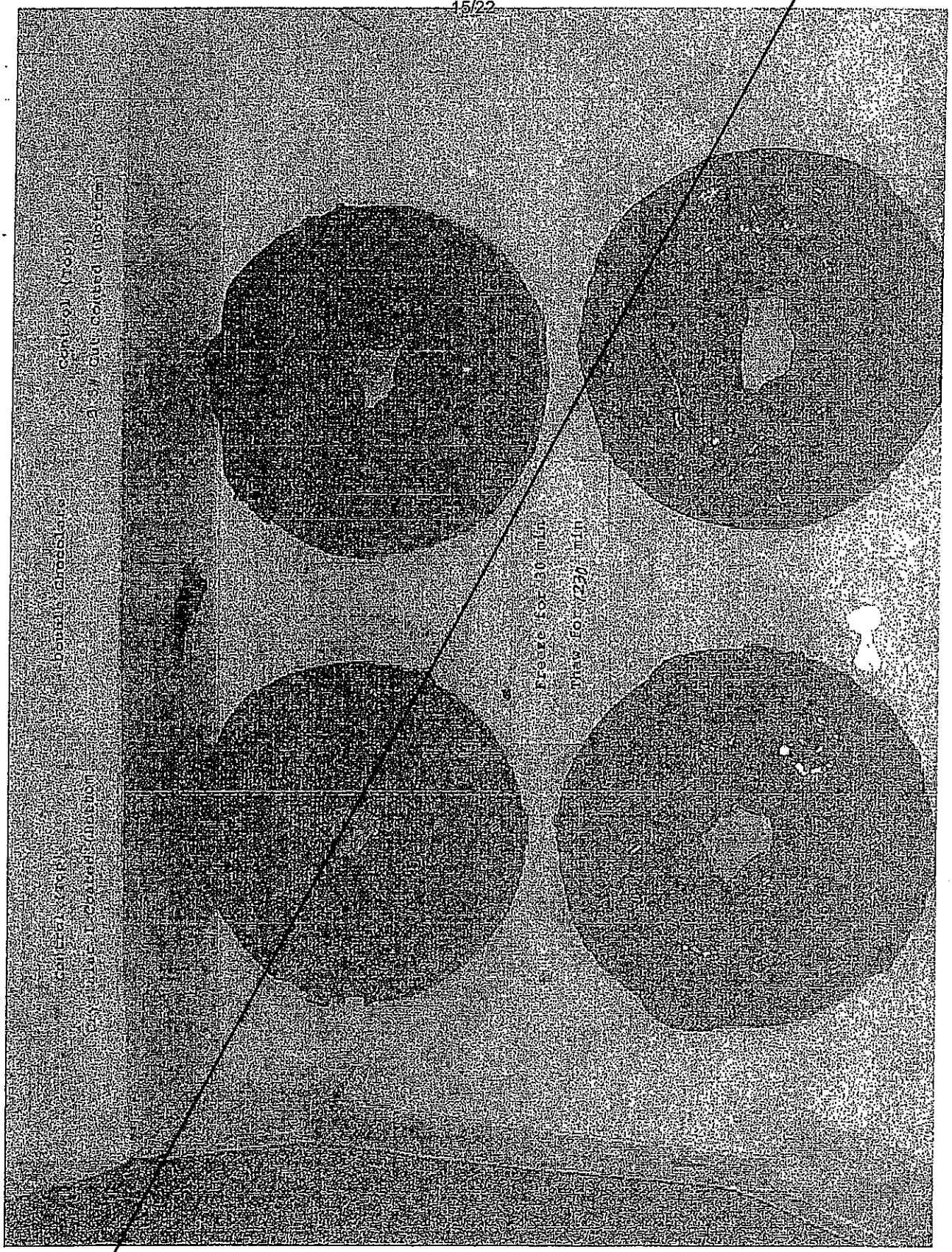

Control (top)
Cut-out coated (bottom)
Control (top)
Cut-out coated (bottom)
Control (top)
Cut-out coated (bottom)
Control (top)
Cut-out coated (bottom)

Fig. 4E

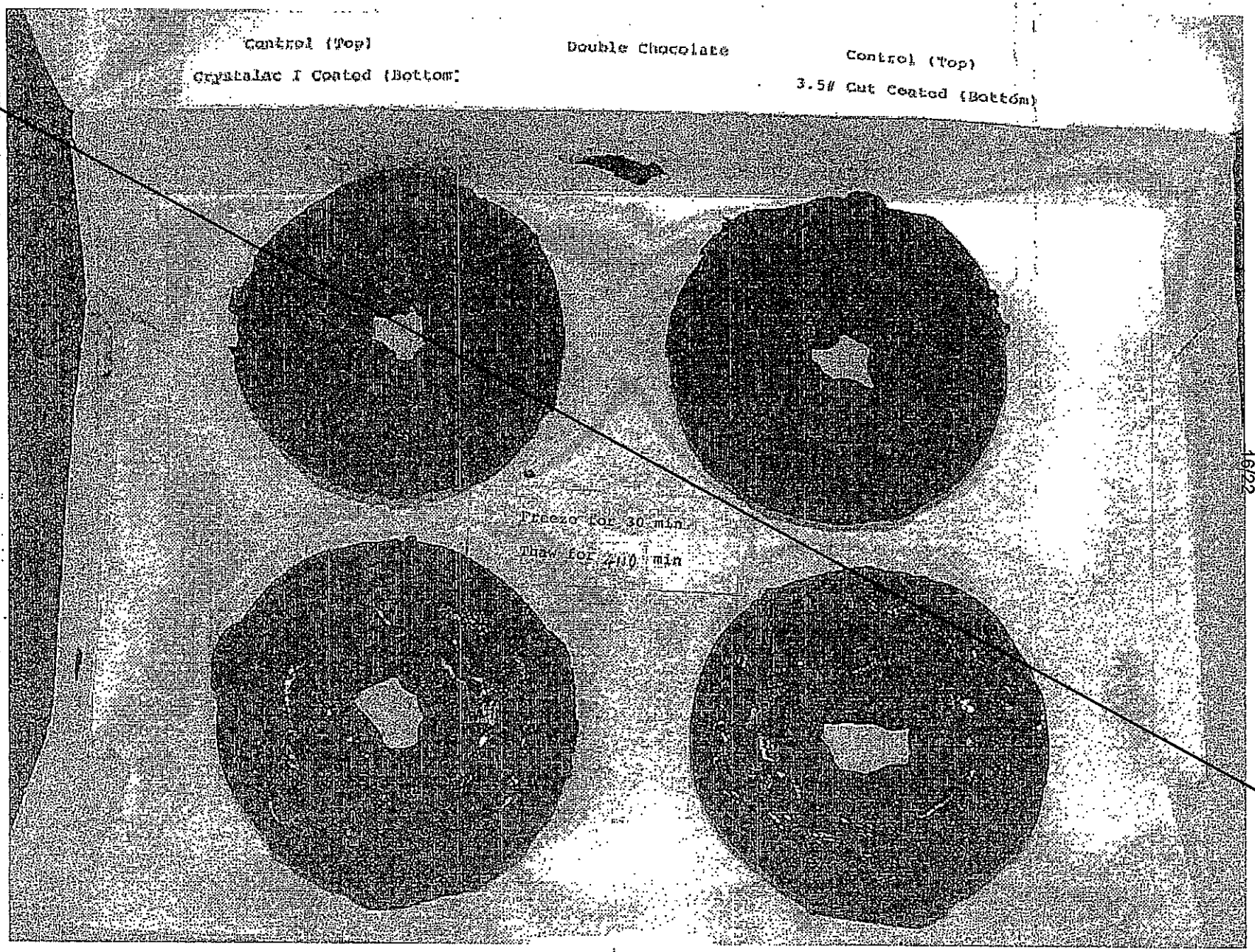

Control (Top)
Crystalac I Coated (Bottom)
Double Chocolate
Control (Top)
3.5# Cut Coated (Bottom)
Freeze for 30 min
Thaw for 4:10 min

Fig. 4F

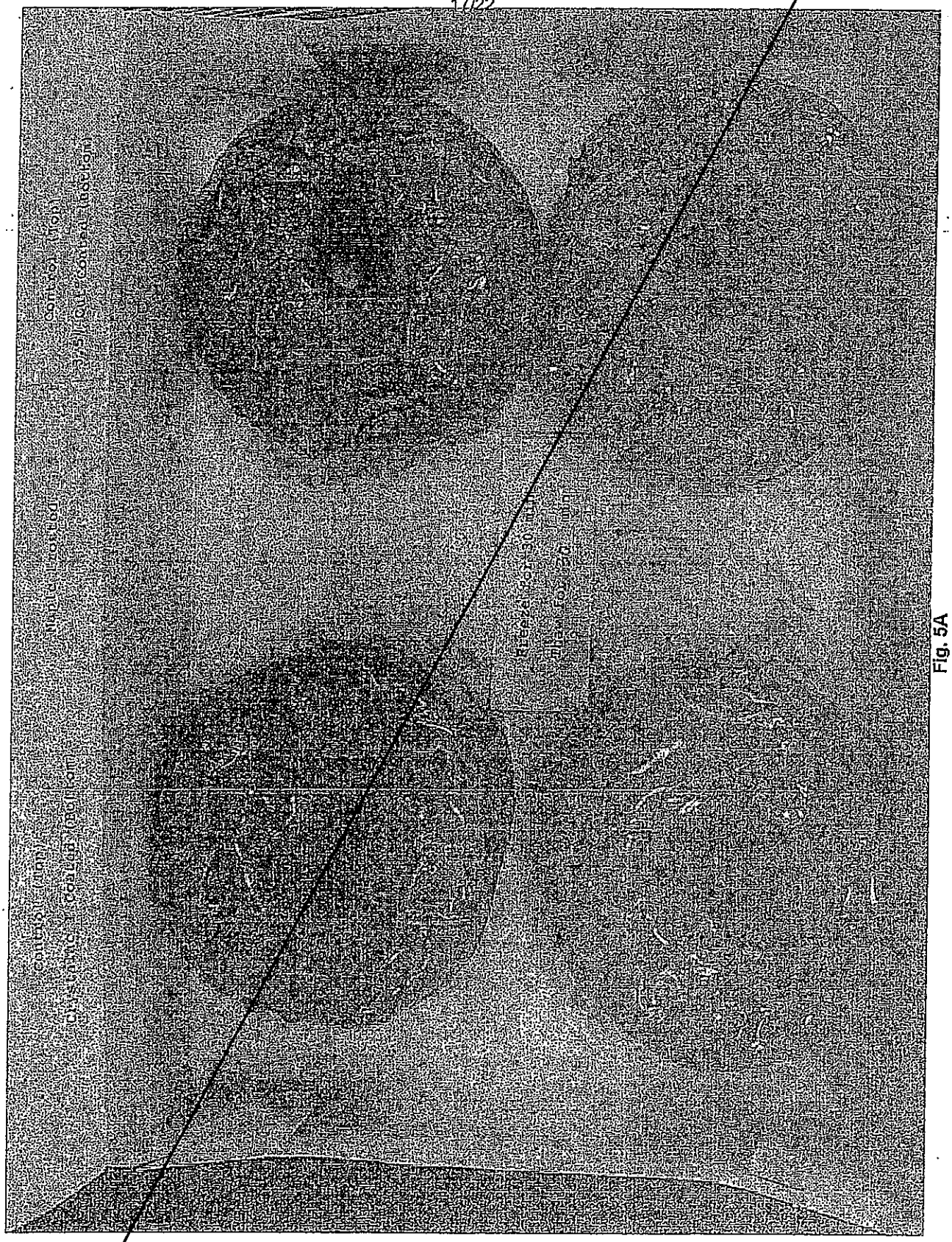

Rinse with 30 mL PBS
Rinse with 20 mL PBS
Add 5 mL Cell Culture Medium
Add 5 mL Cell Culture Medium
Add 5 mL Cell Culture Medium

Fig. 5A

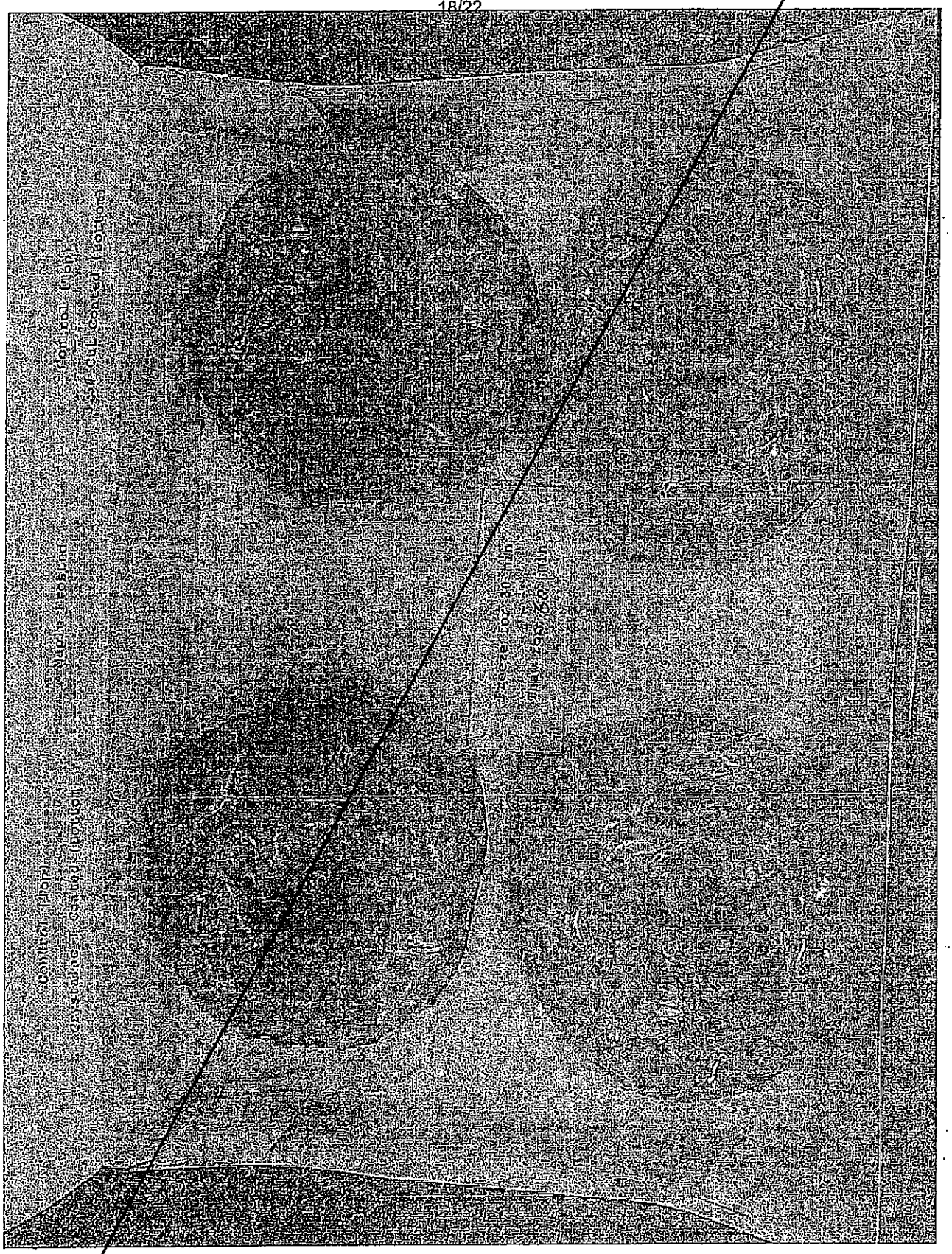


Fig. 5B

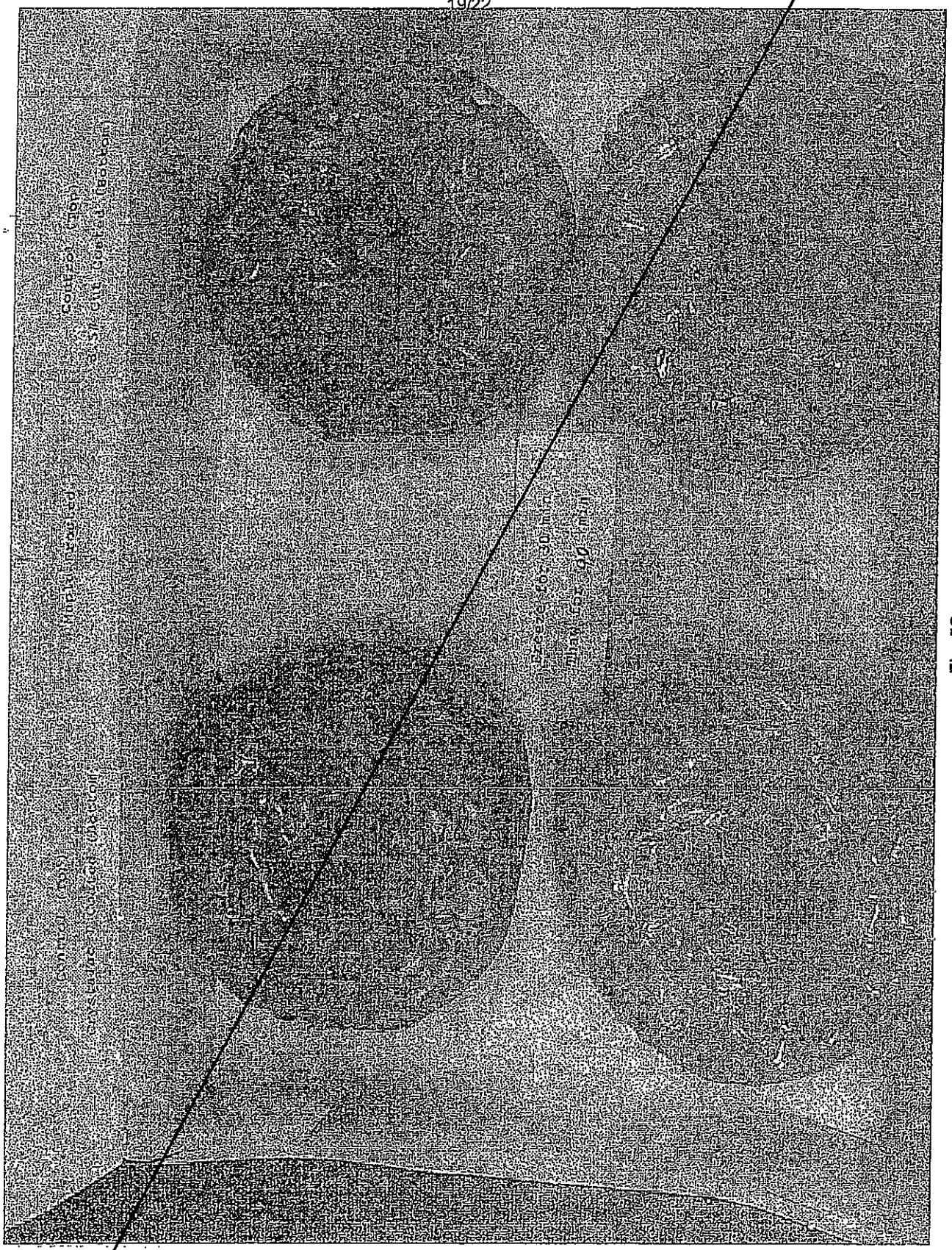


Fig. 5C

Fig 5D

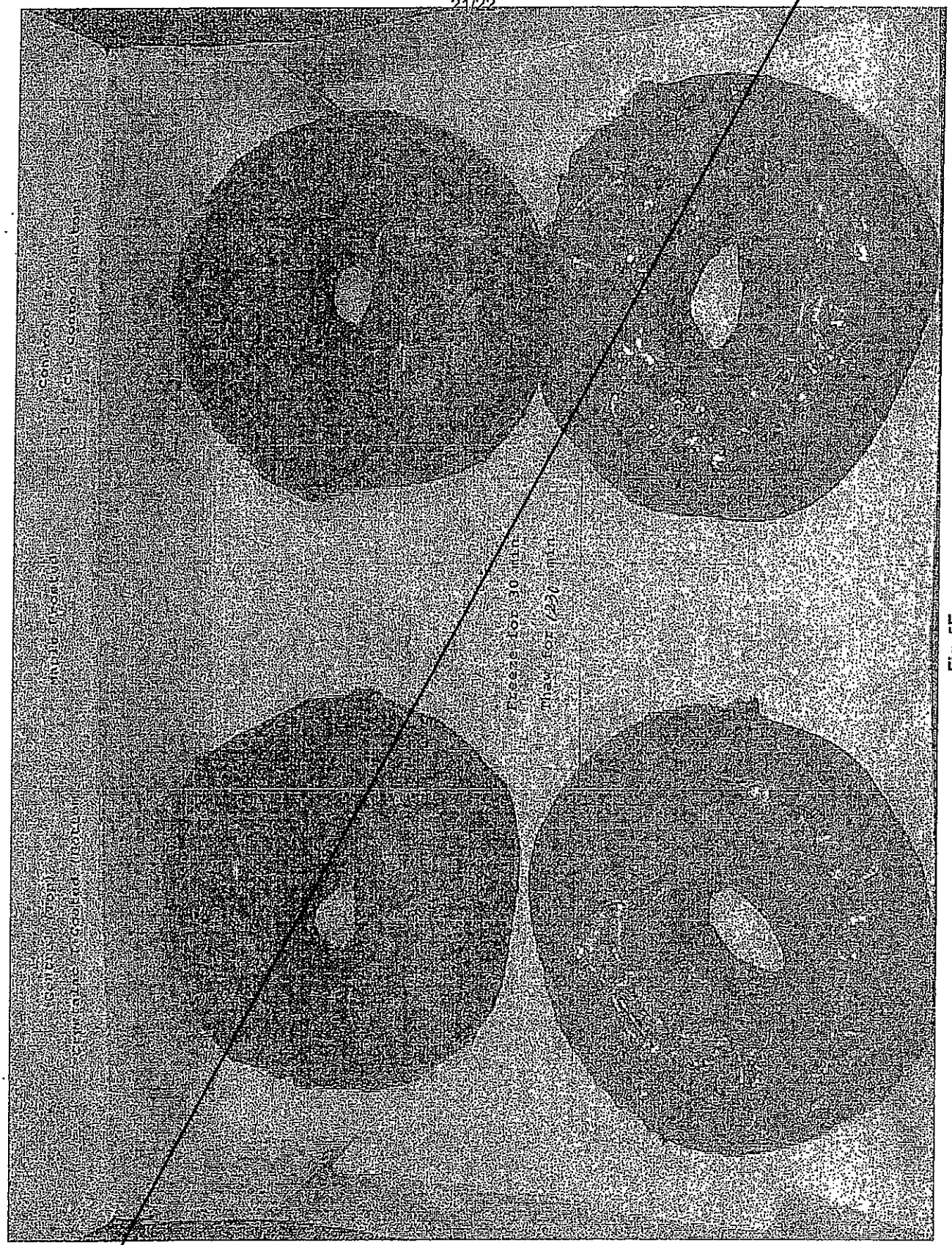


Fig. 5E

Fig. 3B

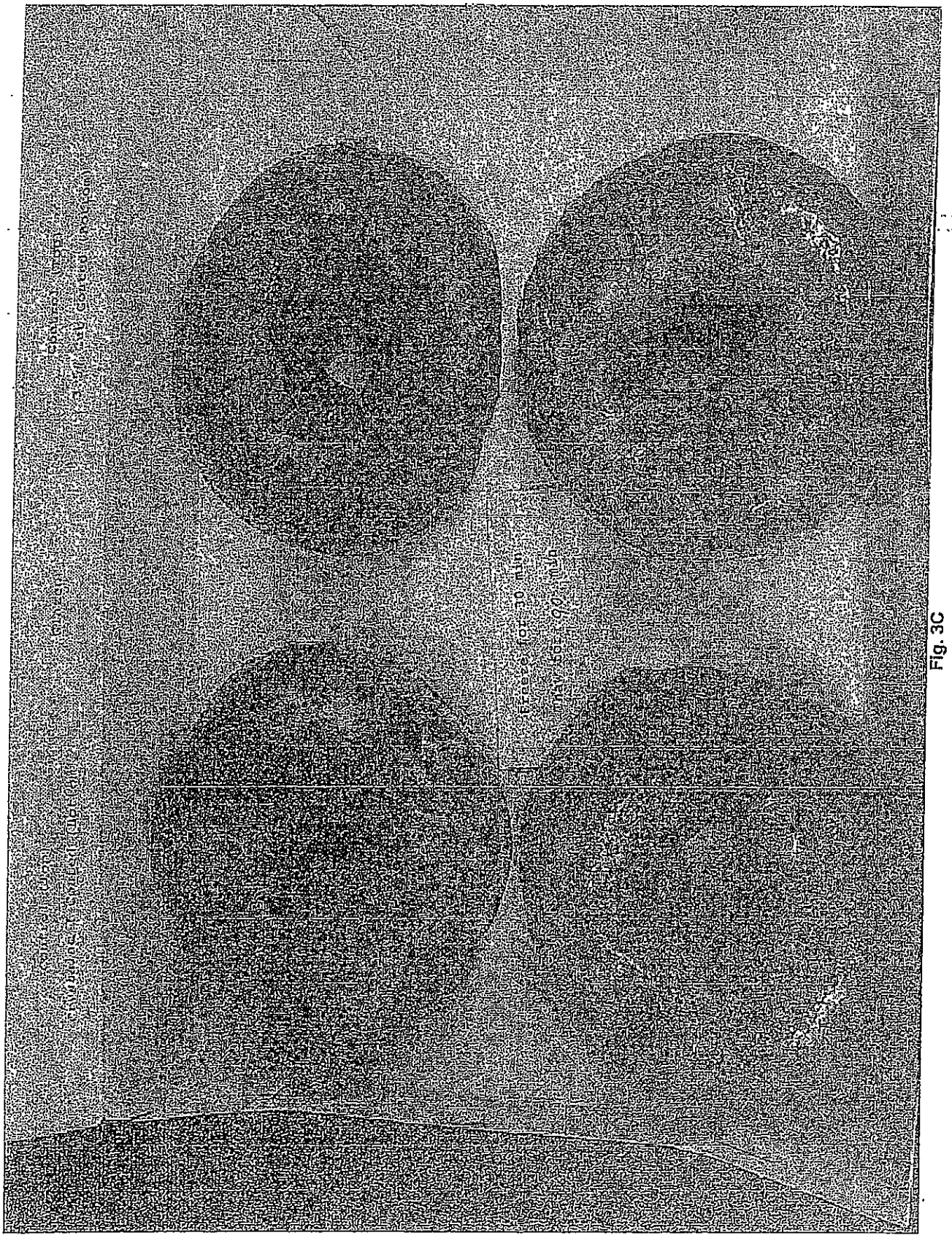


Fig. 3C

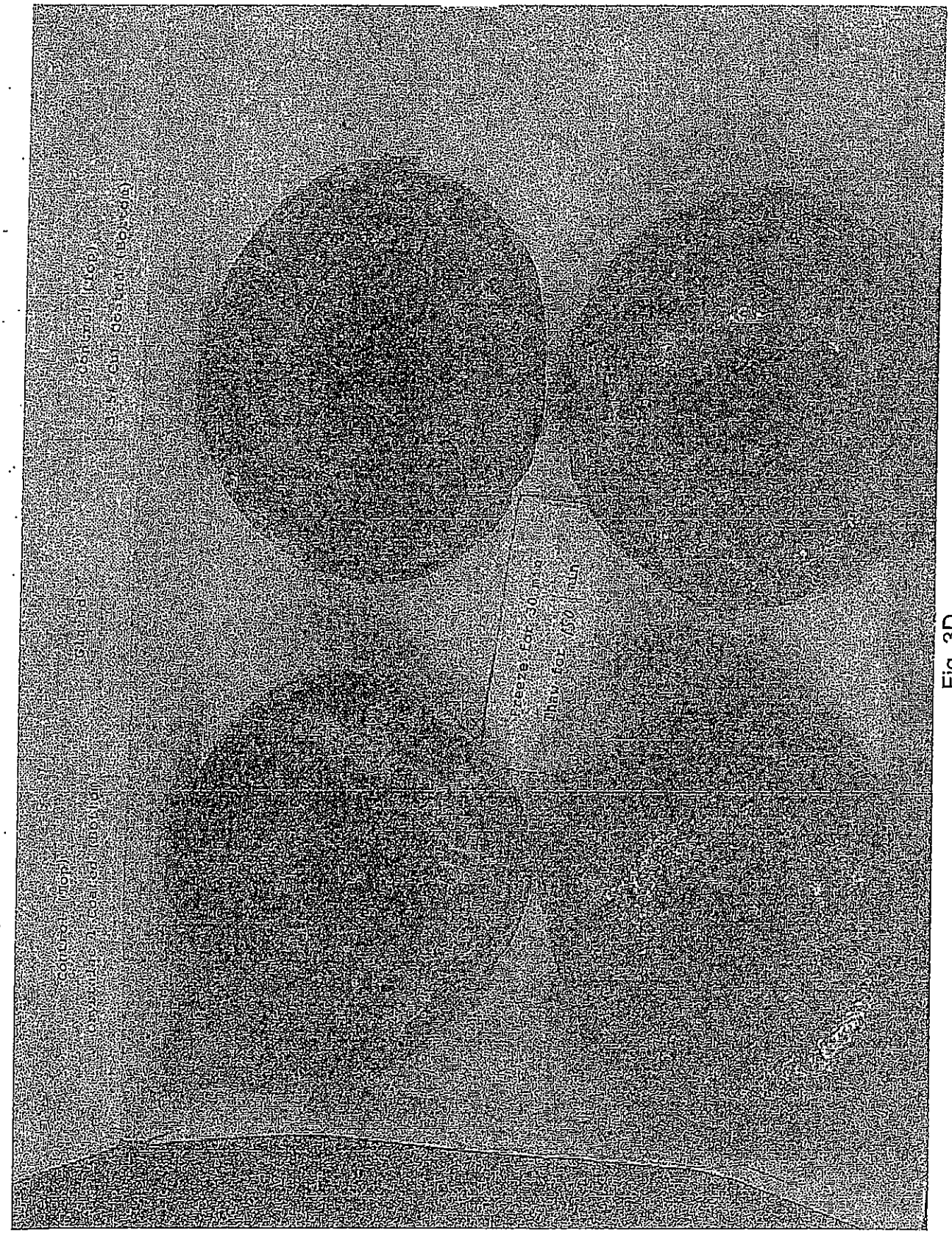


Fig. 3D

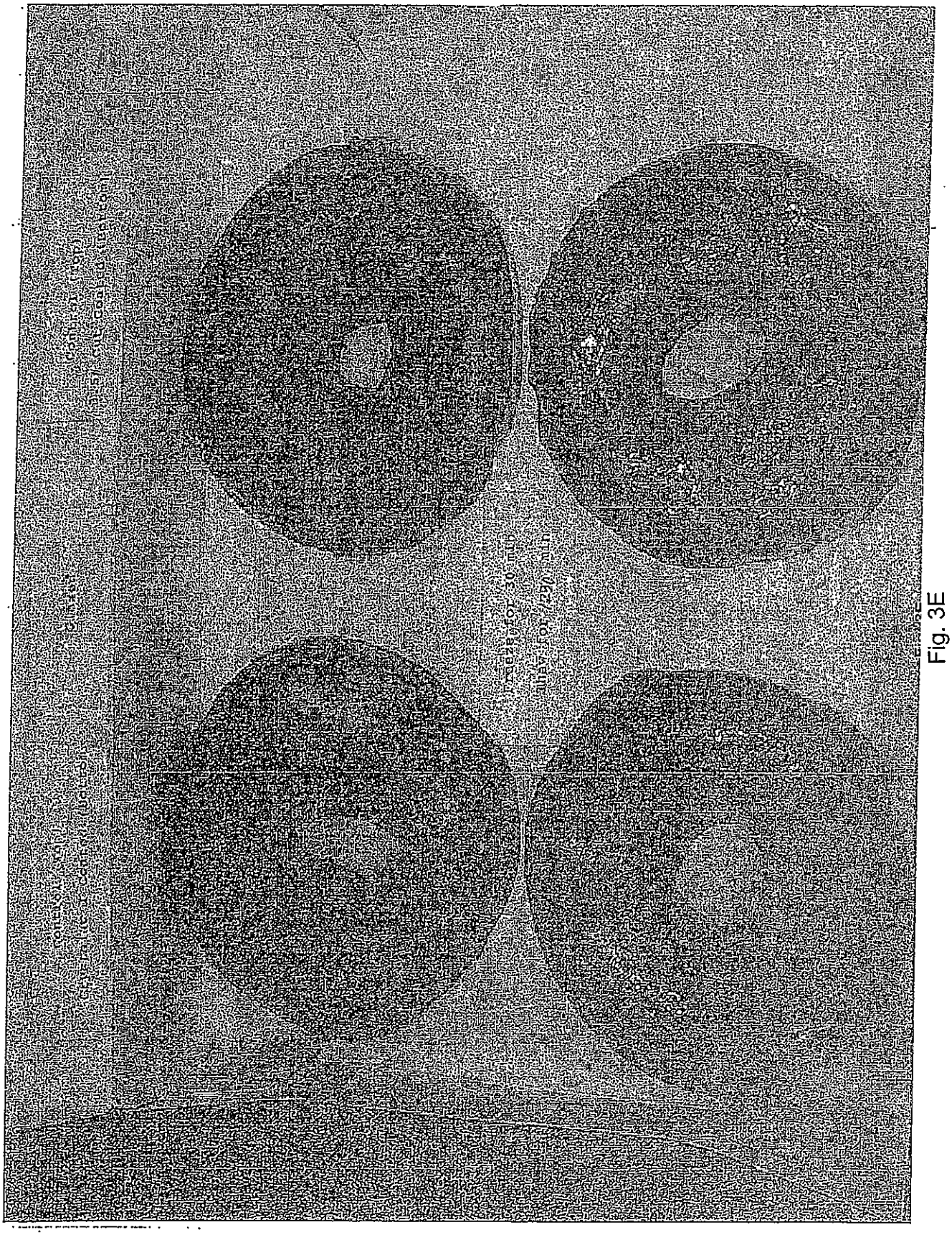


Fig. 3E

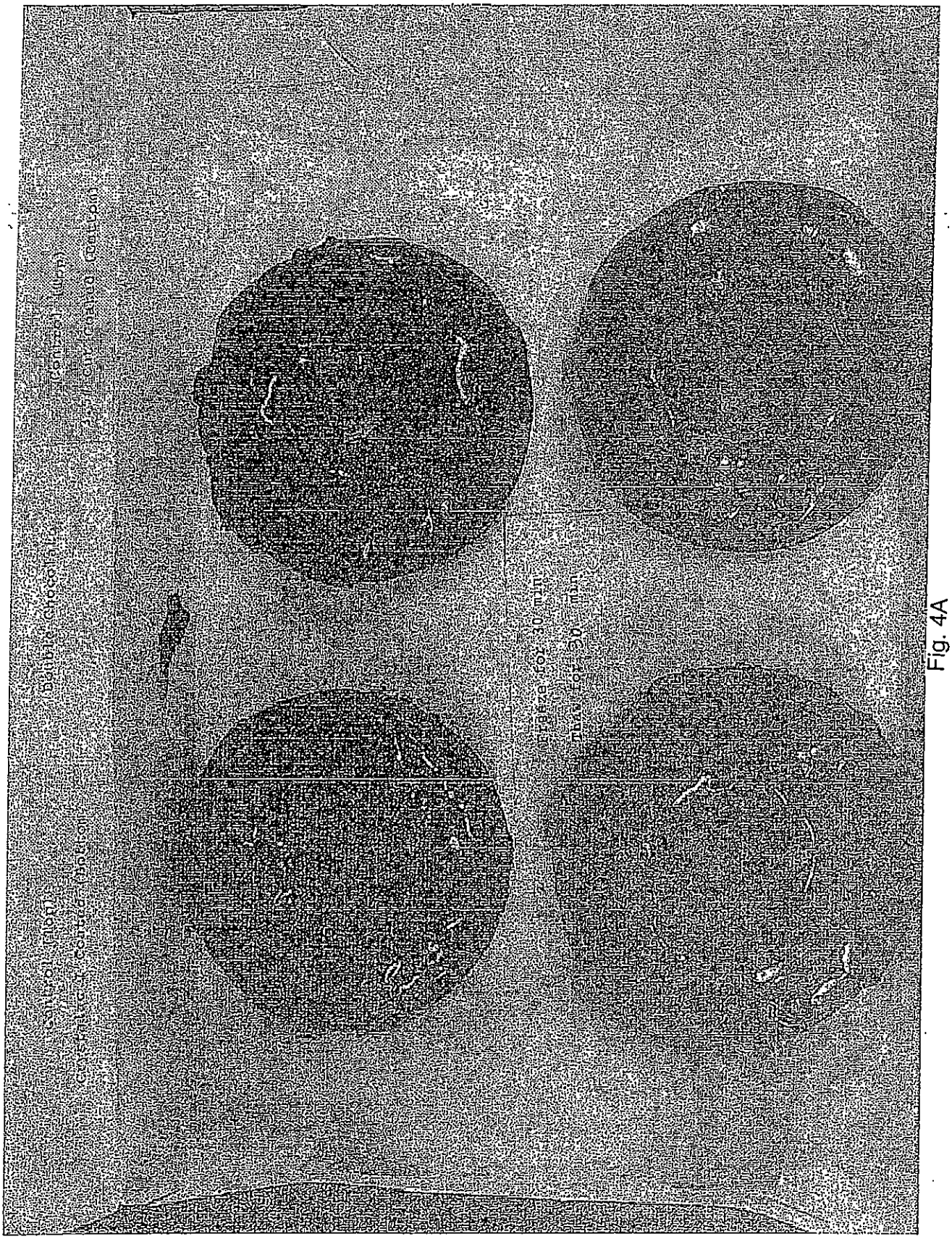

Control (saline)
Control (saline)
Gemcitabine (100 mg/kg)
Gemcitabine (100 mg/kg)
Gemcitabine + Doxil (20 mg/kg)
Gemcitabine + Doxil (20 mg/kg)
Gemcitabine + Doxil + 30 min HIFU
Gemcitabine + Doxil + 30 min HIFU

Fig. 4A

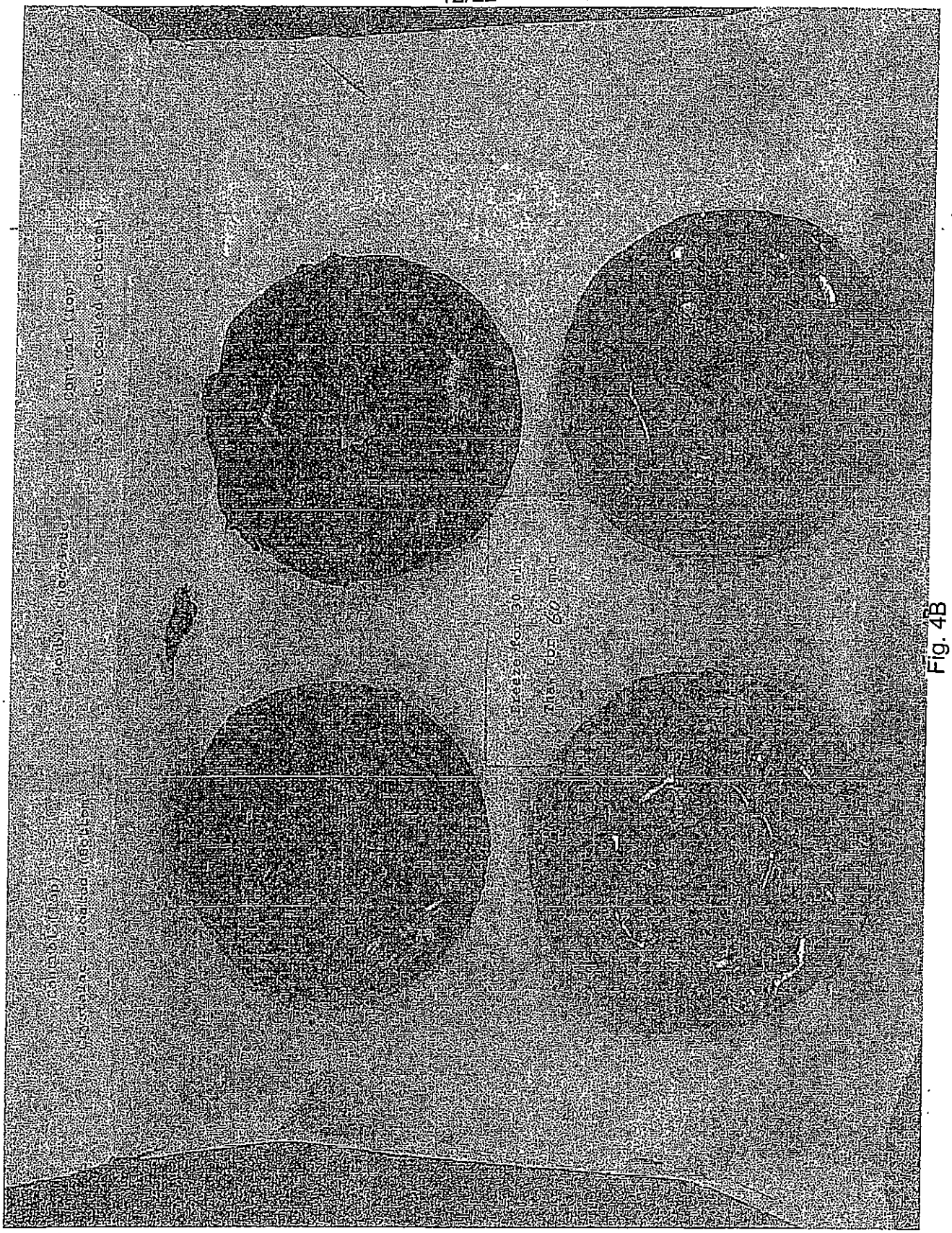

Cut, peel and slice
Place in a plastic bag
Squeeze for 30 min
Place in a plastic bag

Fig. 4B

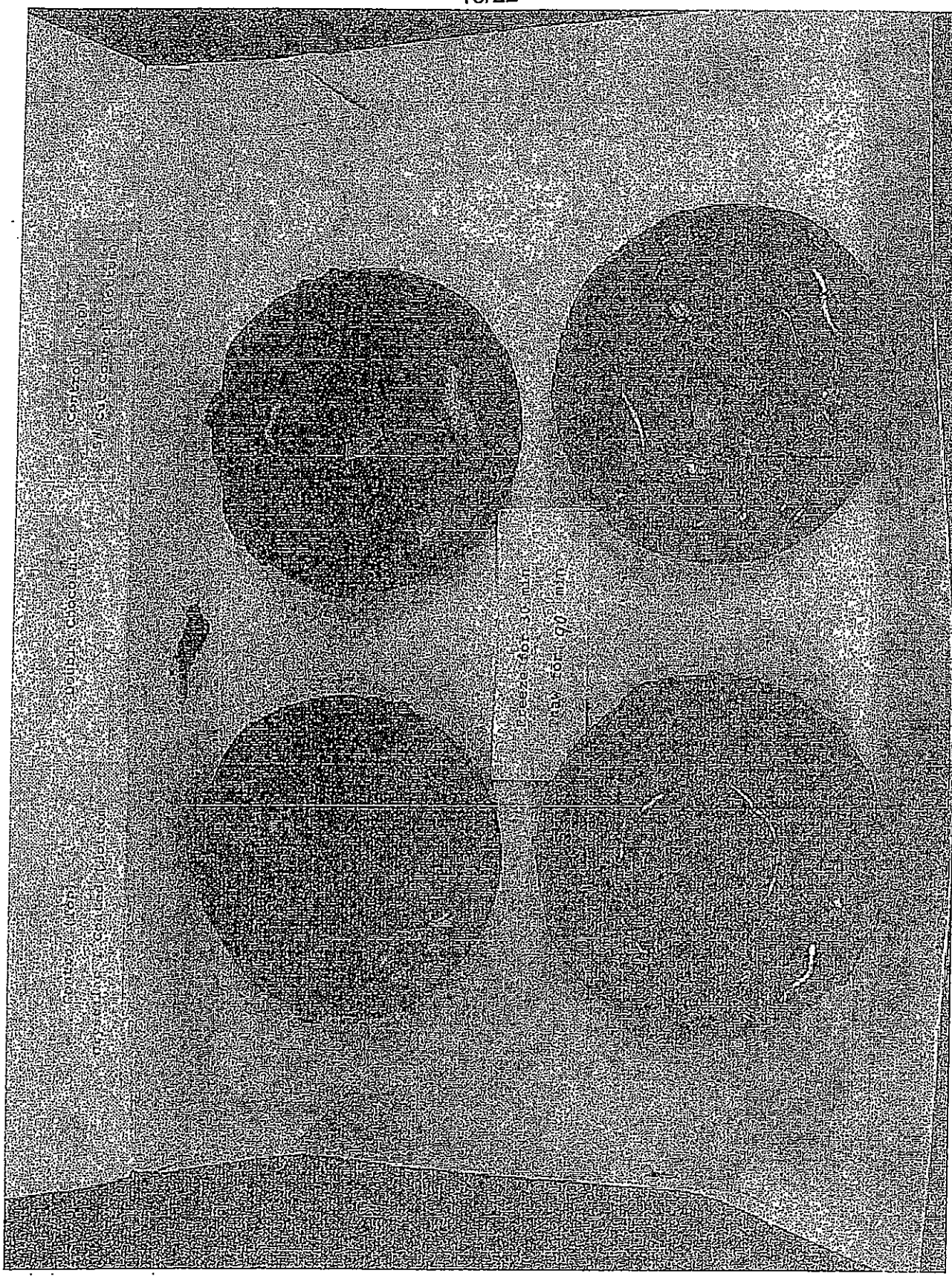

Double Chocolate Cake
Carrot Cake
Cheesecake
Tiramisu
Cheesecake
Tiramisu
Double Chocolate Cake
Carrot Cake

Fig. 4C

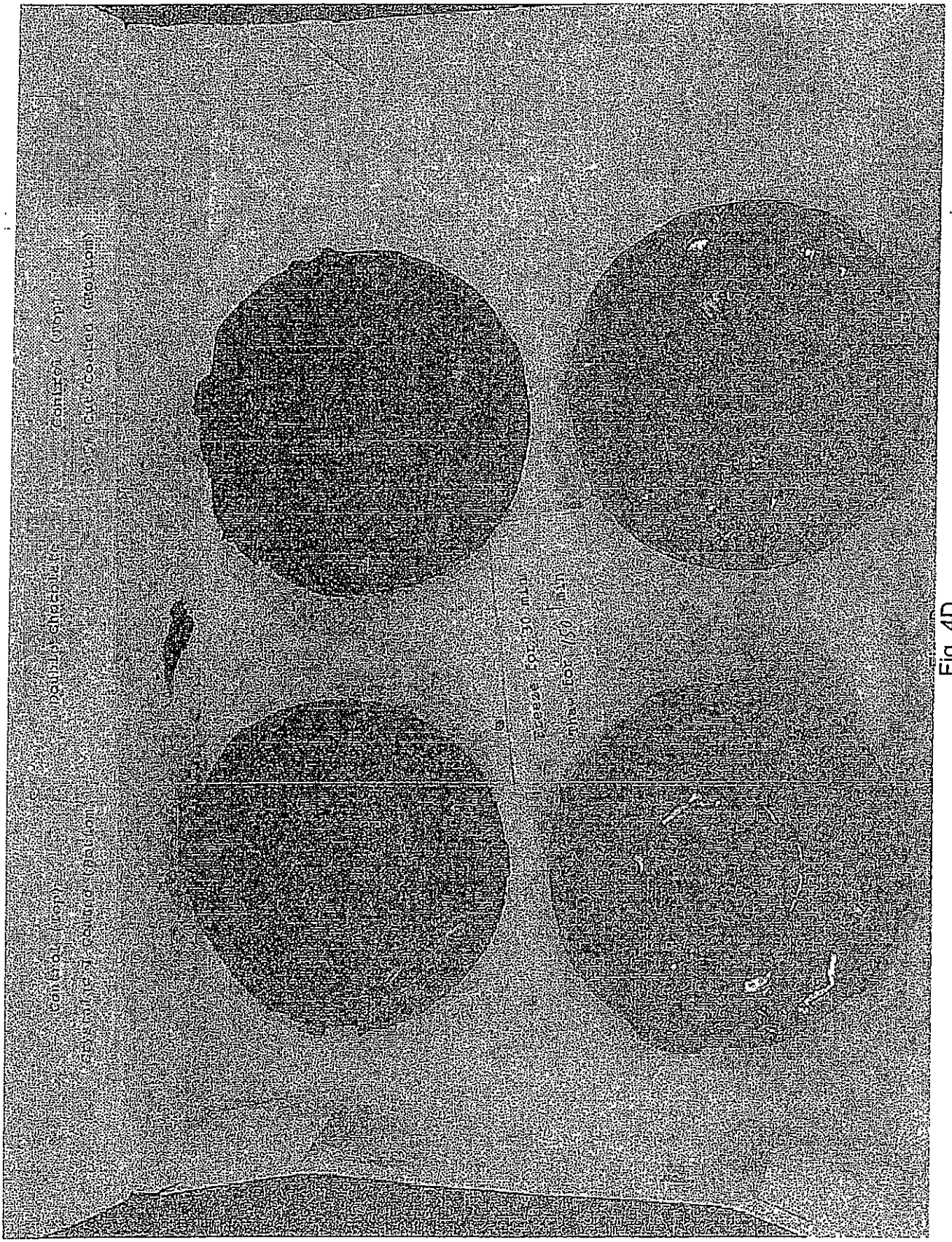

Control (top)
Control (bottom)
Pathlyx-chacnuta
Pathlyx-chacnuta
Fo=30 mm
Fo=30 mm

Fig. 4D

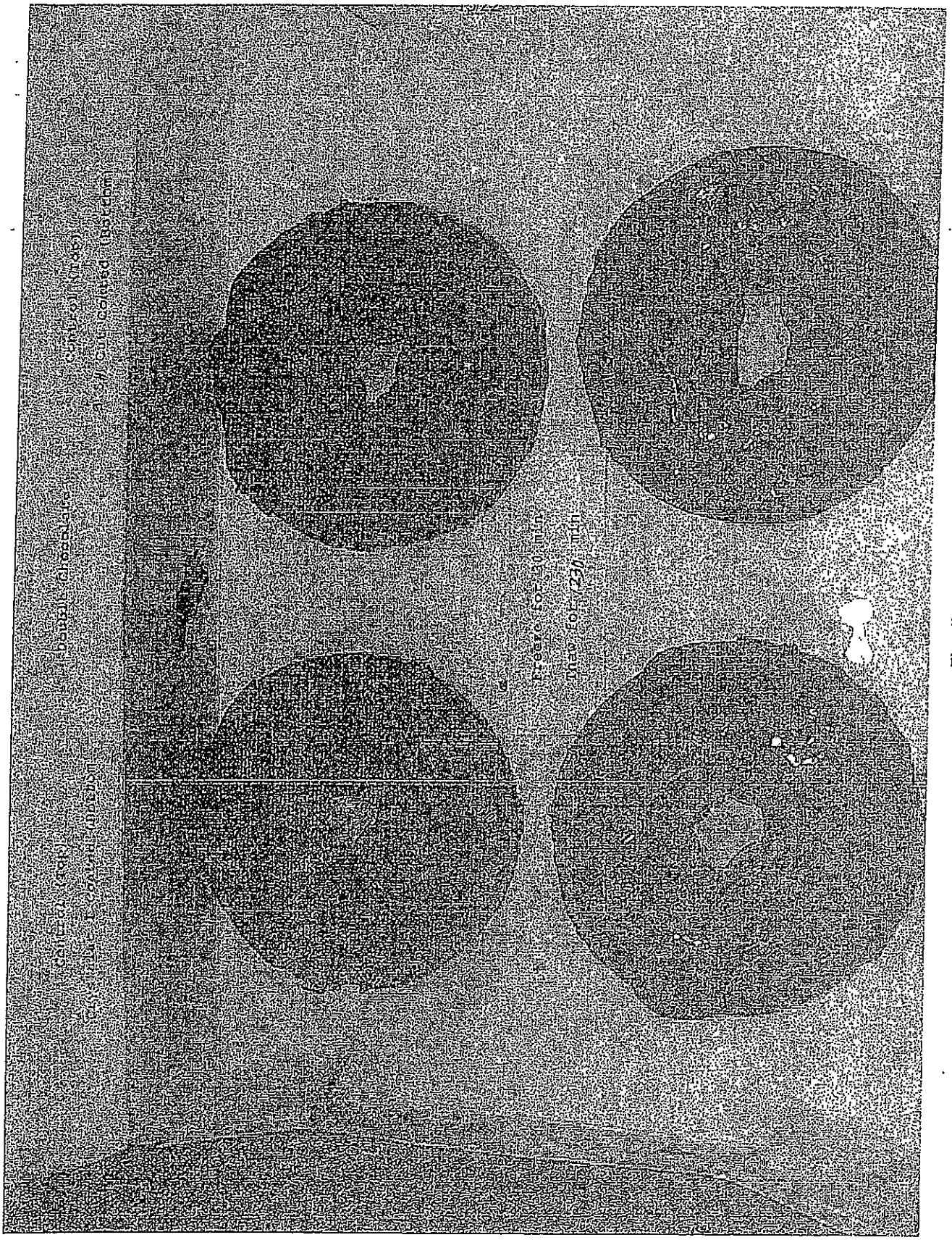


Fig. 4E

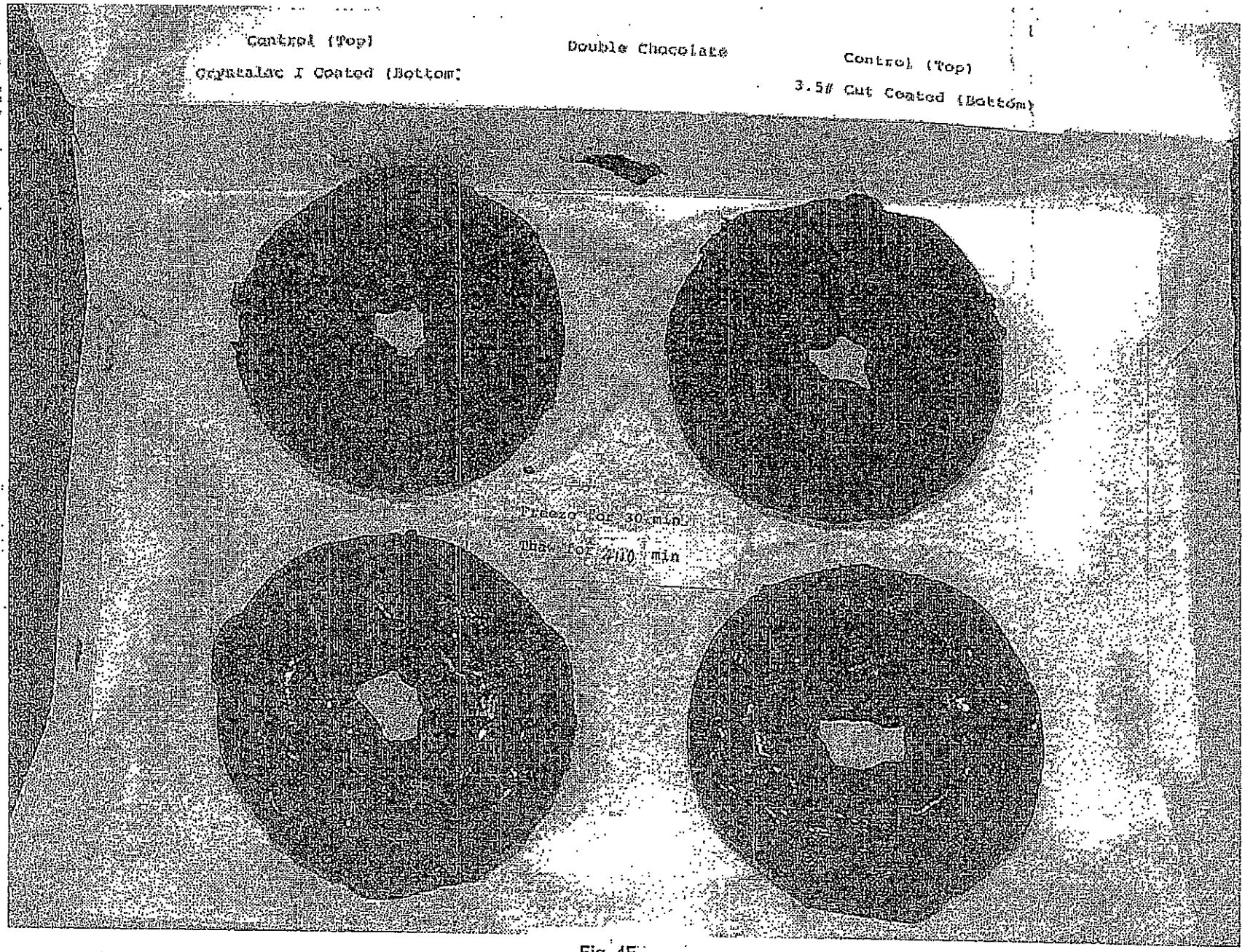

Control (Top)
Crystalac I Coated (Bottom)
Double Chocolate
Control (Top)
3.5# Cut Coated (Bottom)
Freeze for 30 min
Thaw for 7#10 min

Fig. 4F

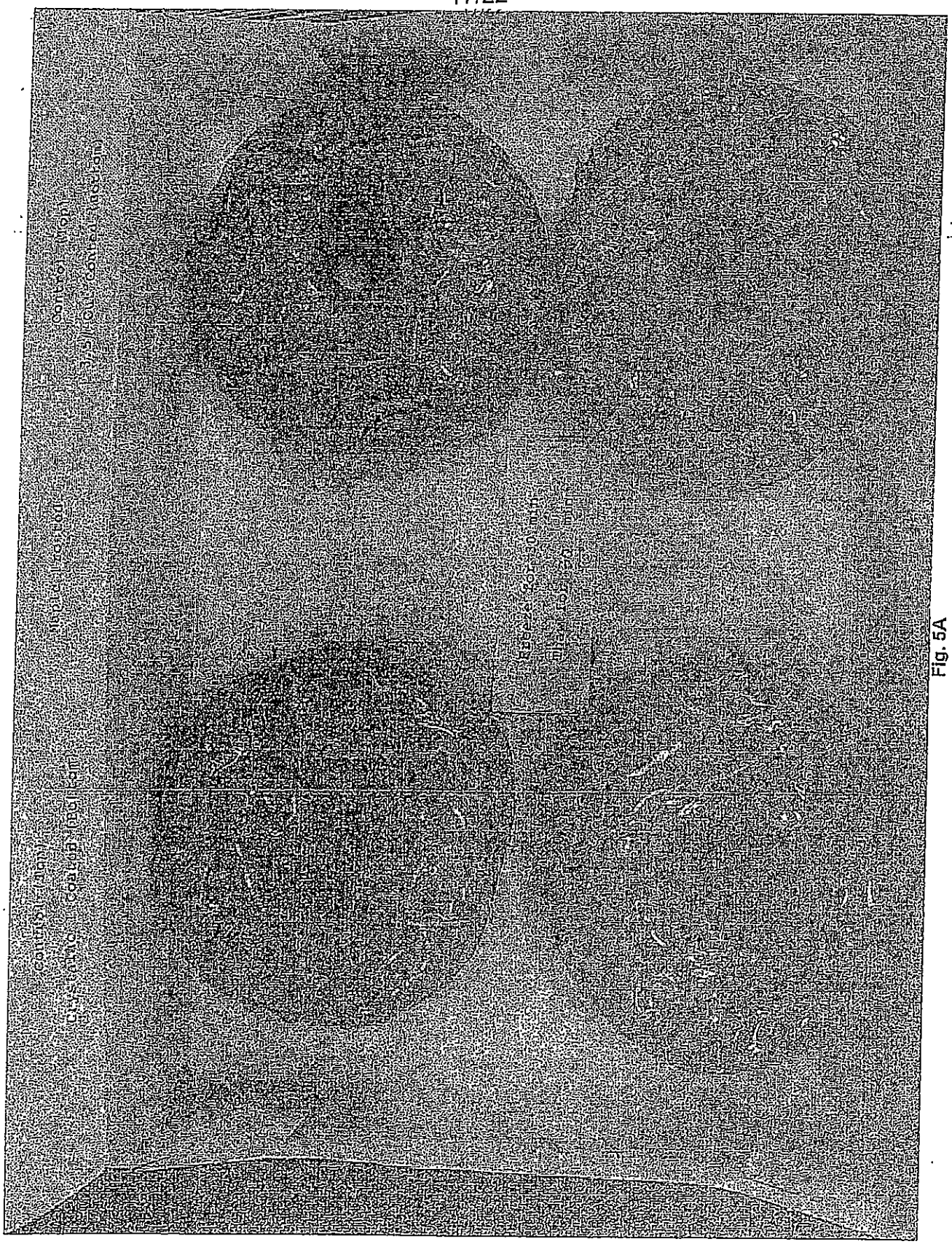


Fig. 5A

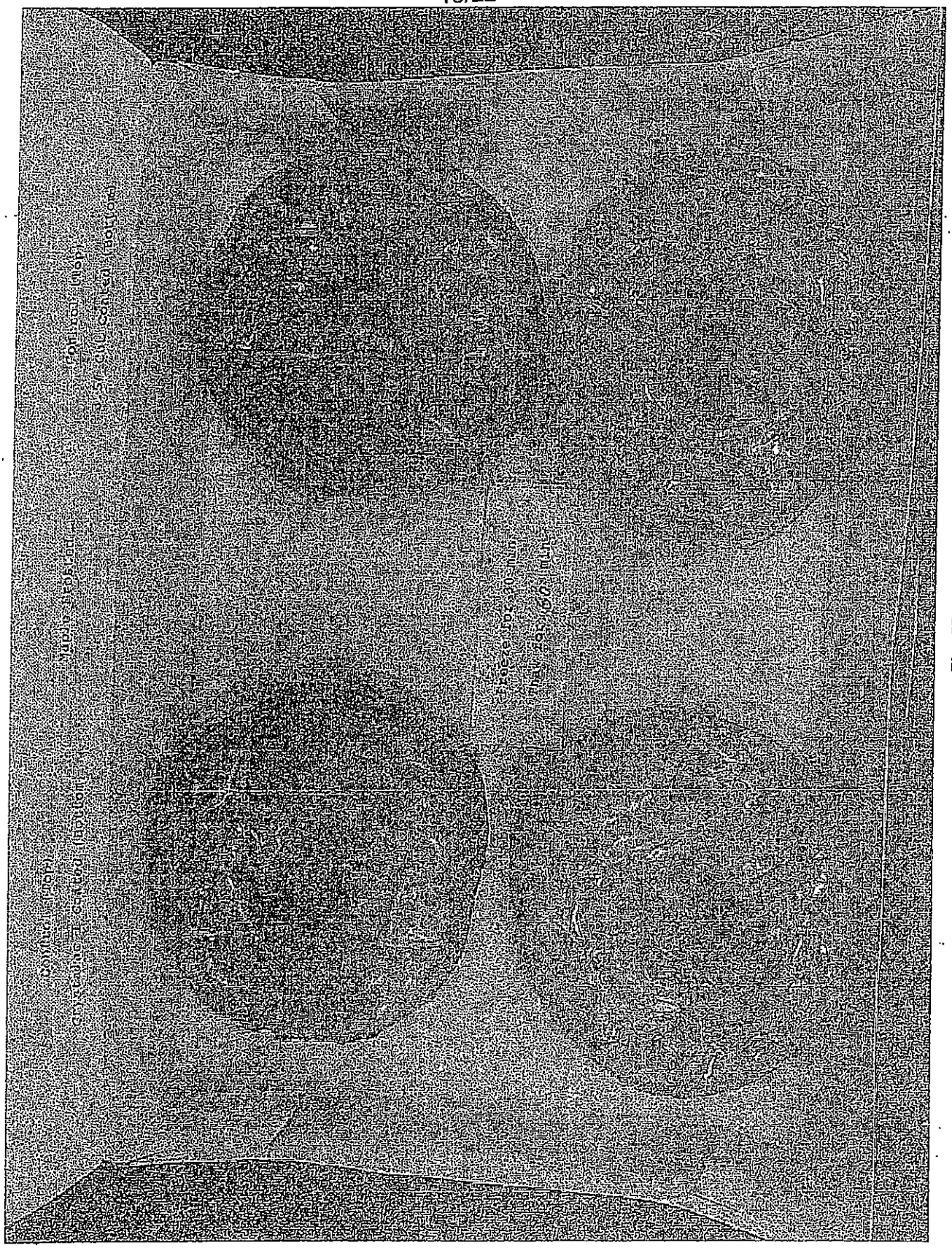


Fig. 5B

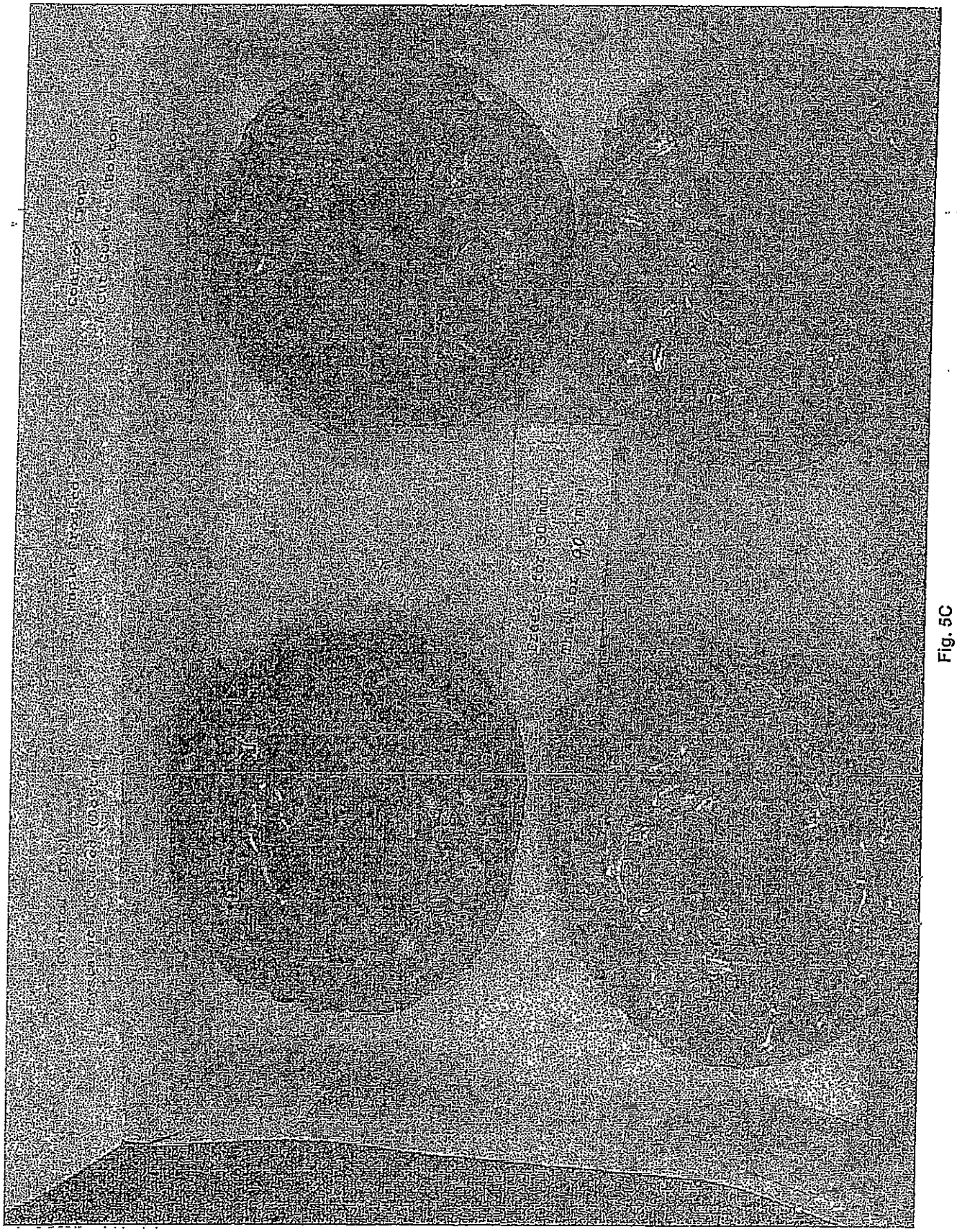


Fig. 5C

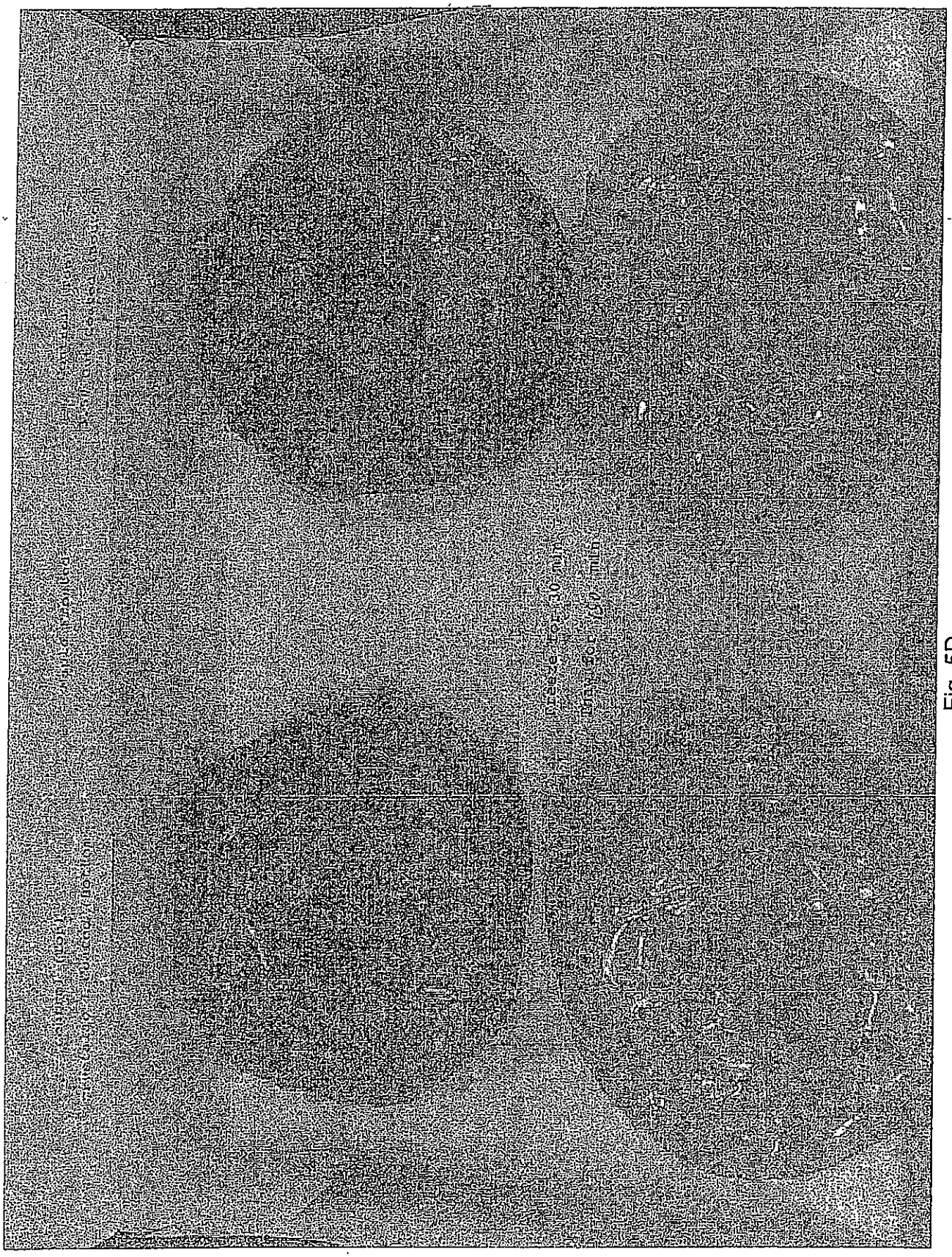


Fig. 5D

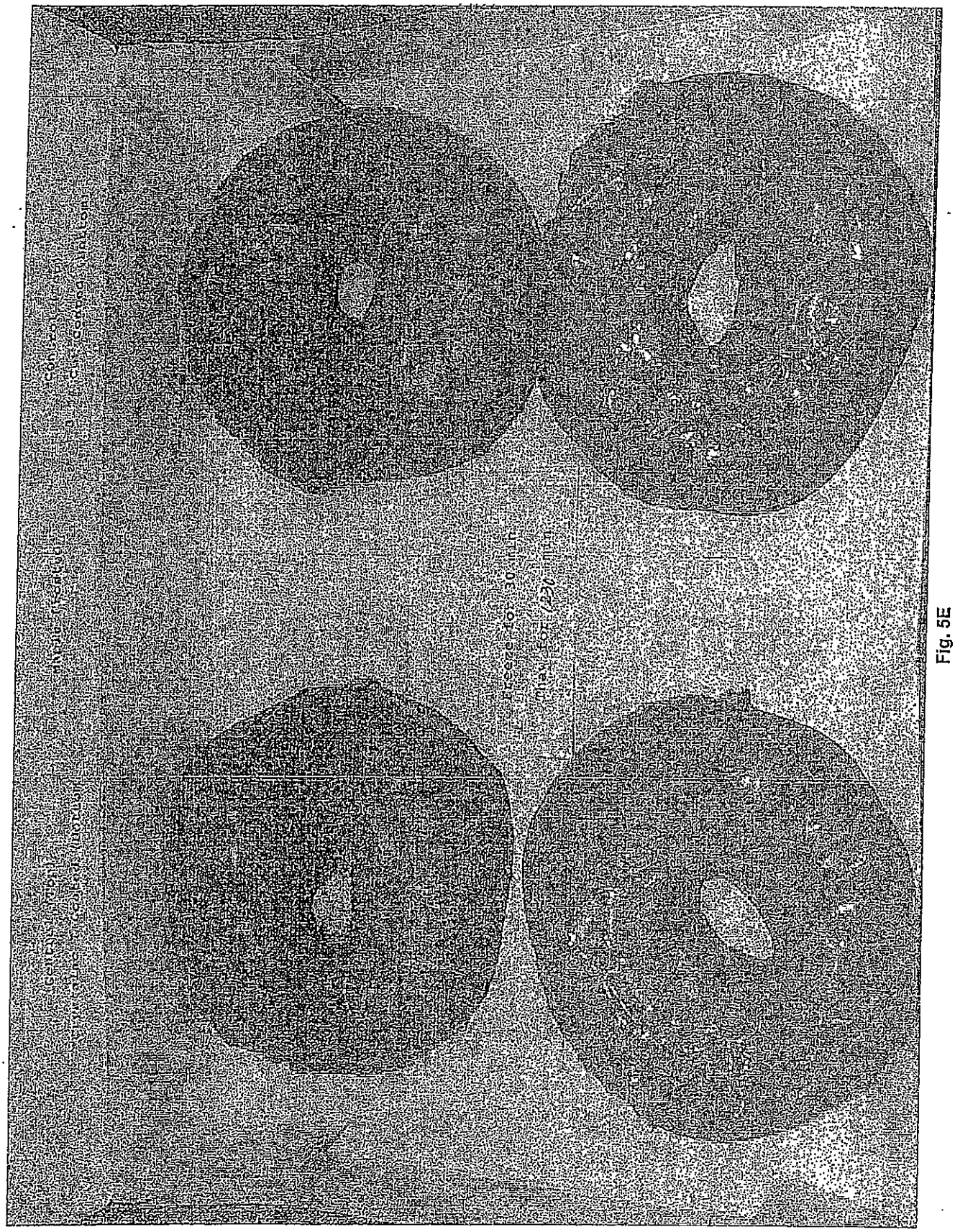


Fig. 5E

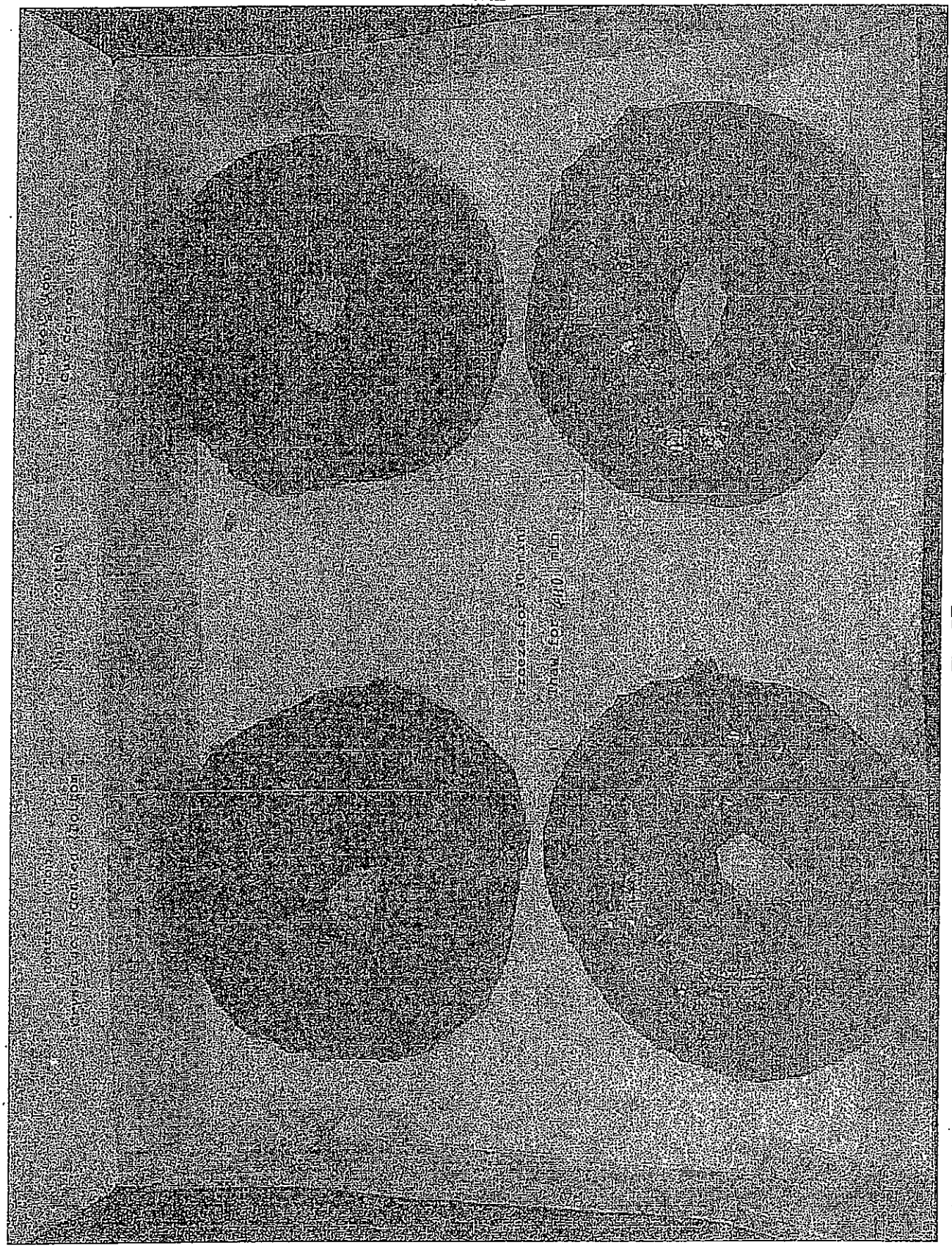


Fig. 5F