

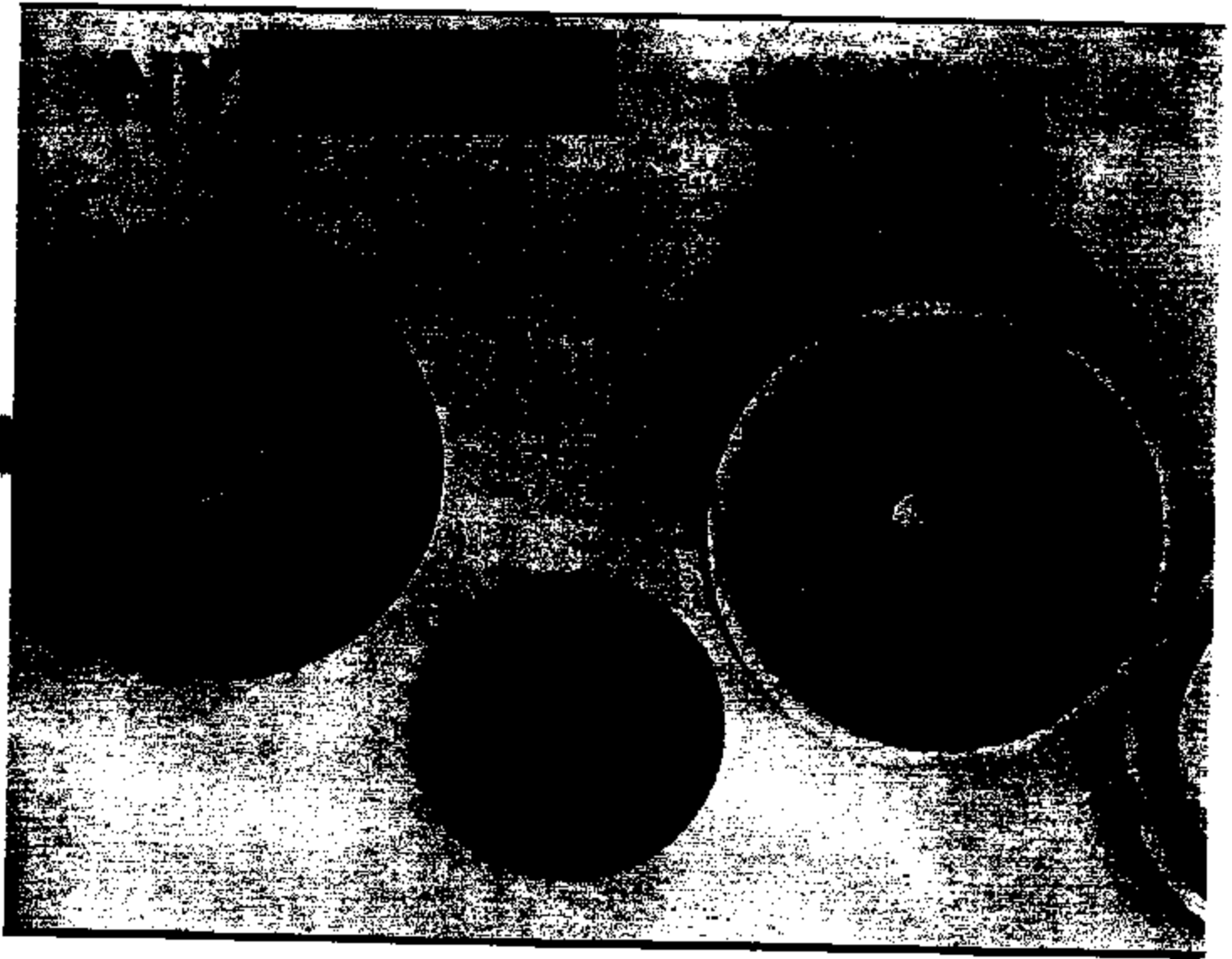
**EA02-025**

**FORD 10/27/03**

**APPENDIX N**

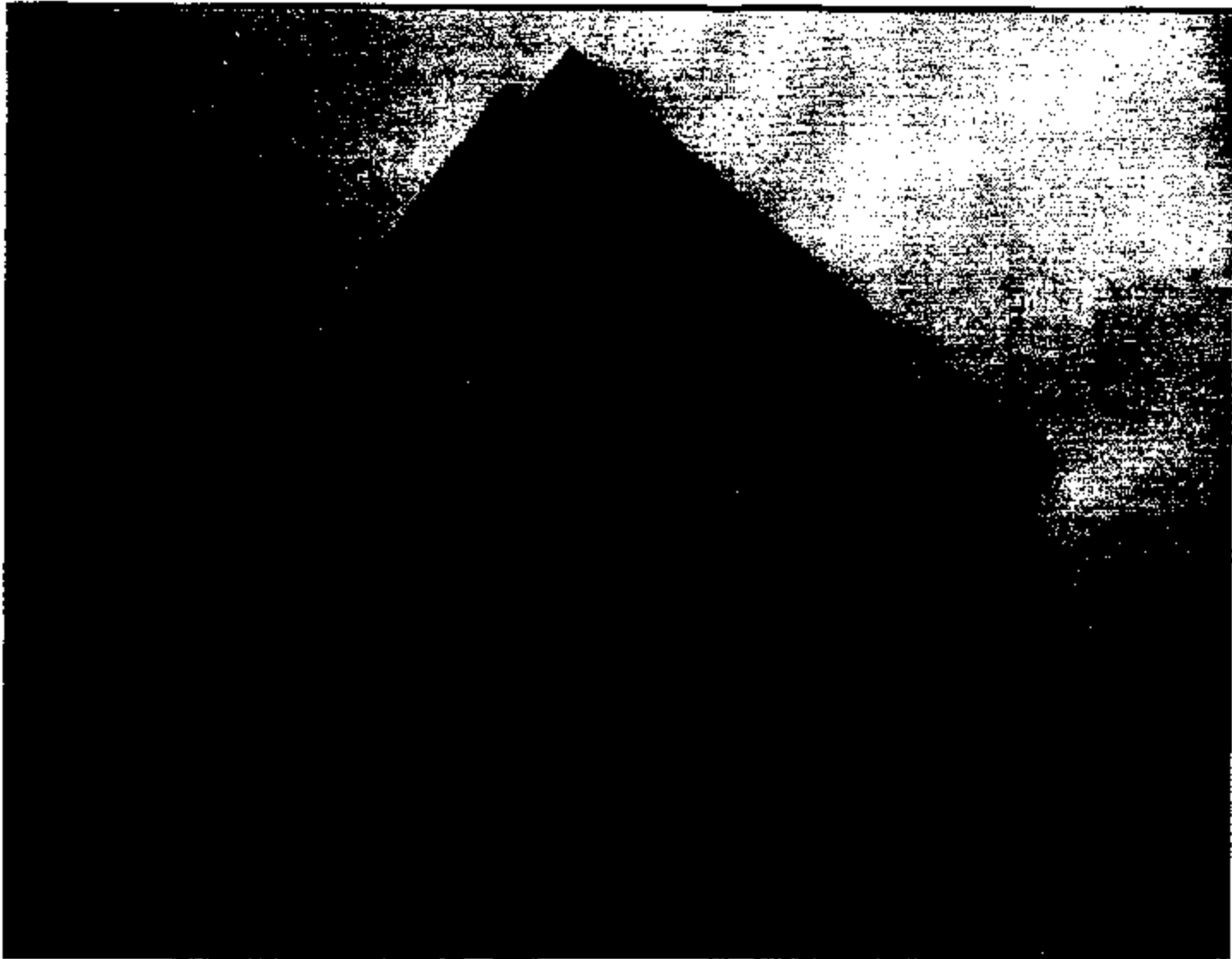
**BOOK 20 OF 61**

**PART 1 OF 4**

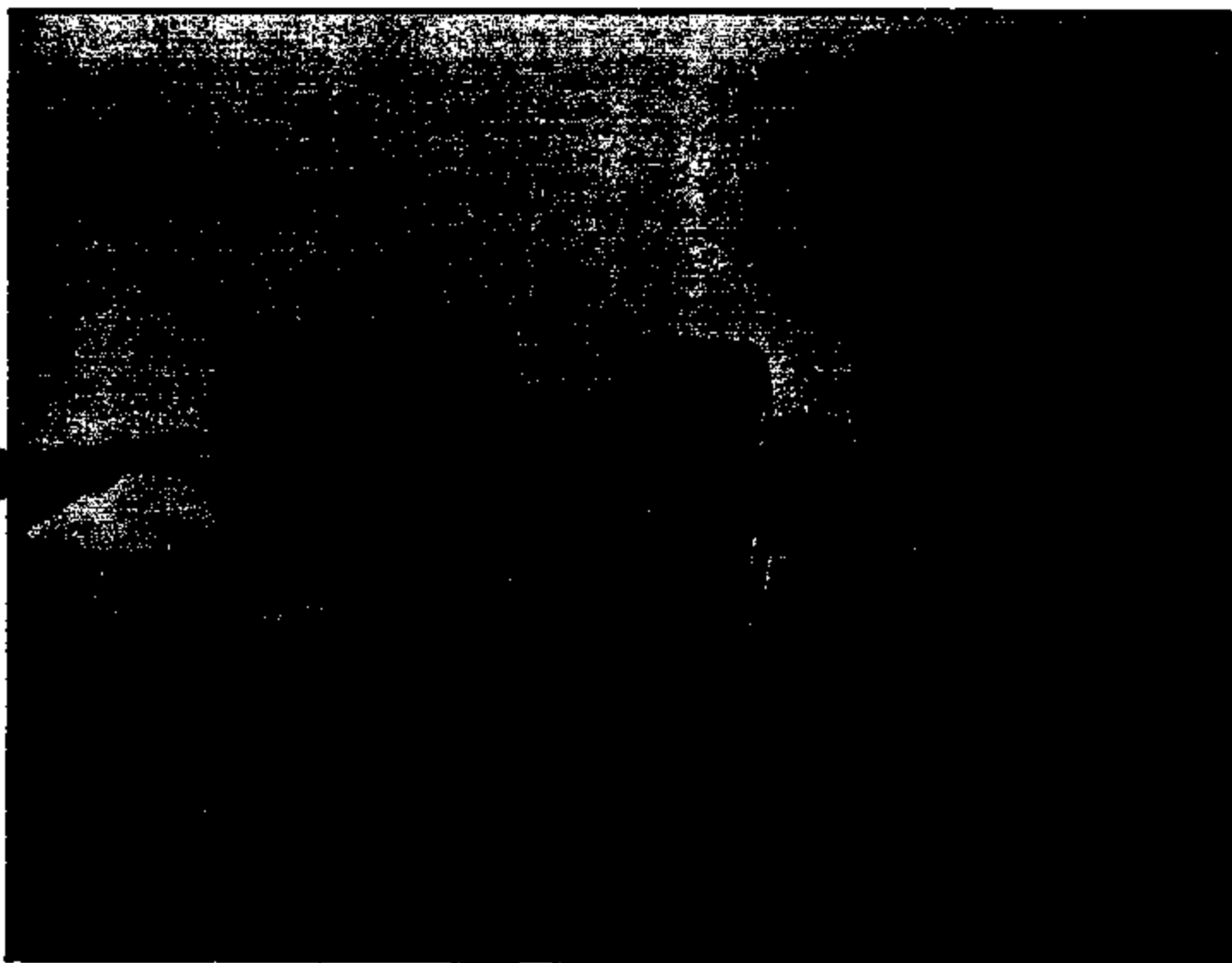


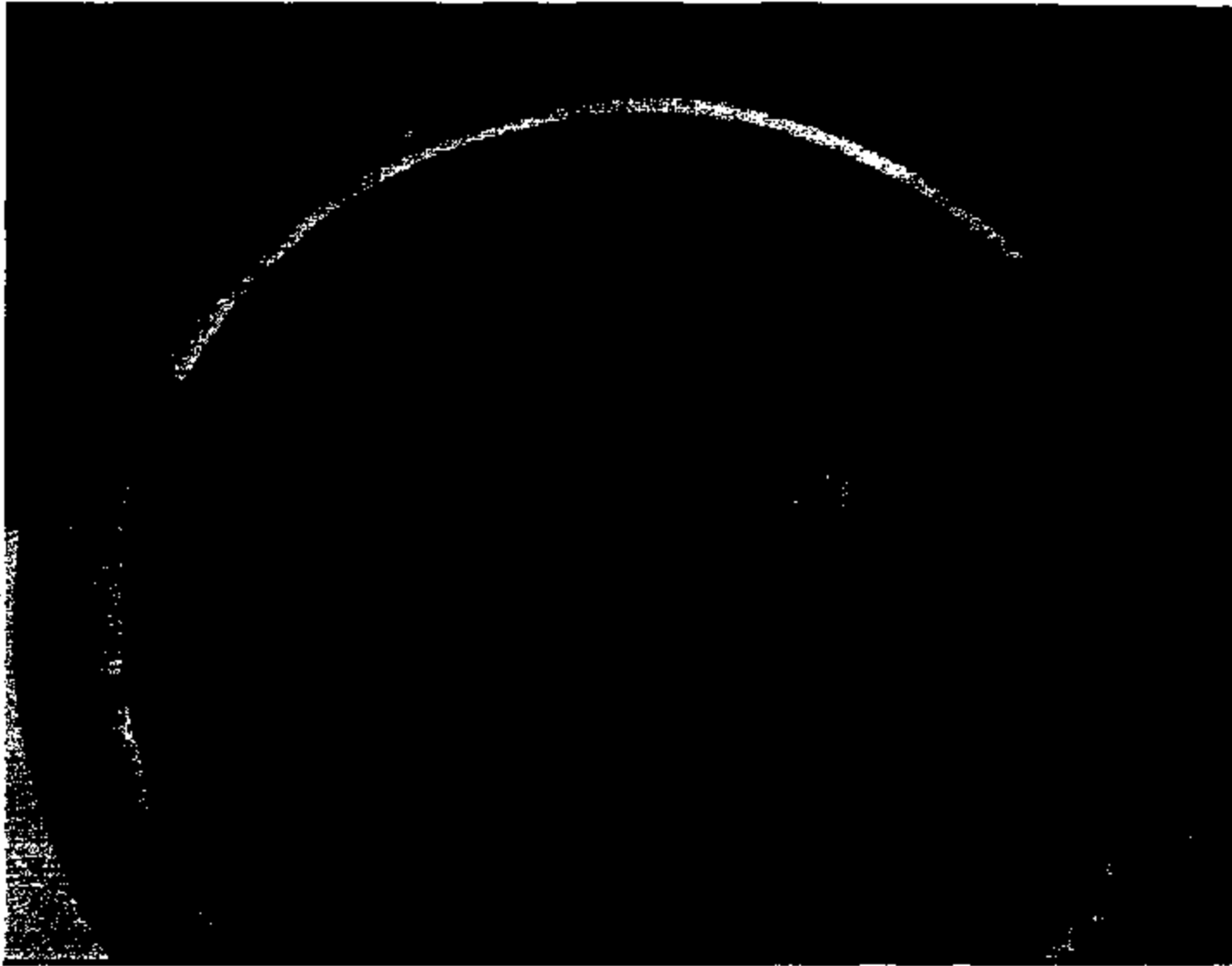


3713 3177

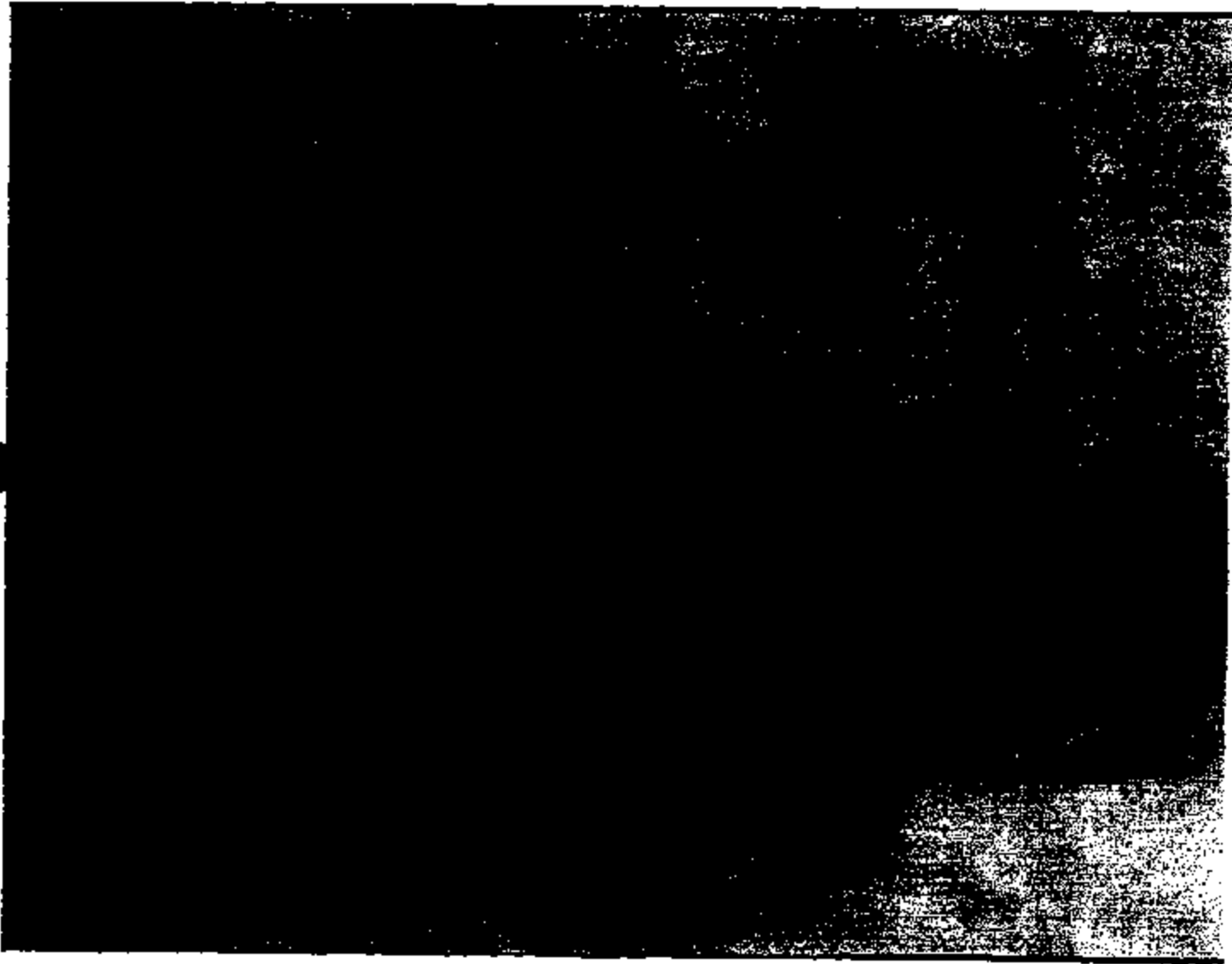


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3713 3160

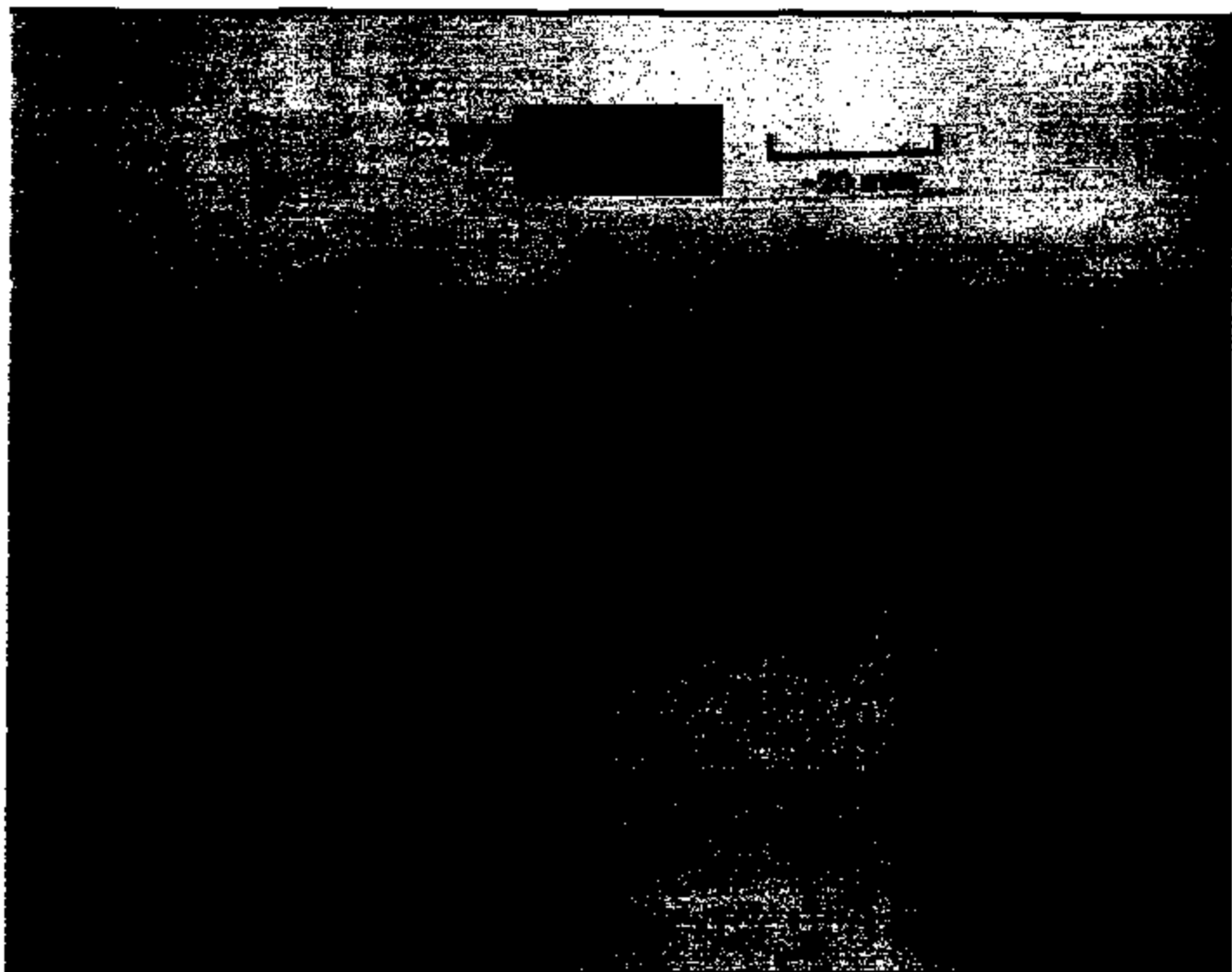


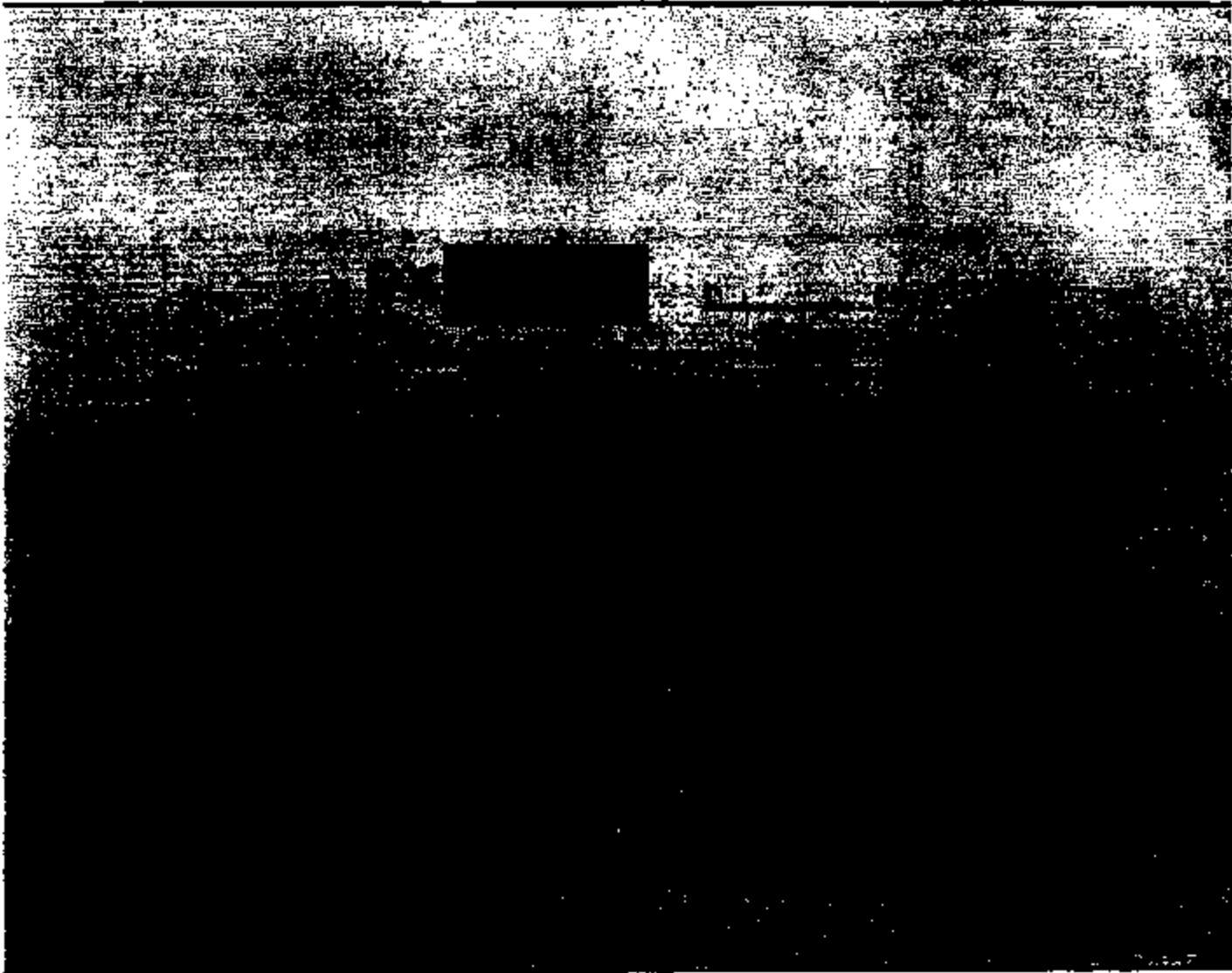


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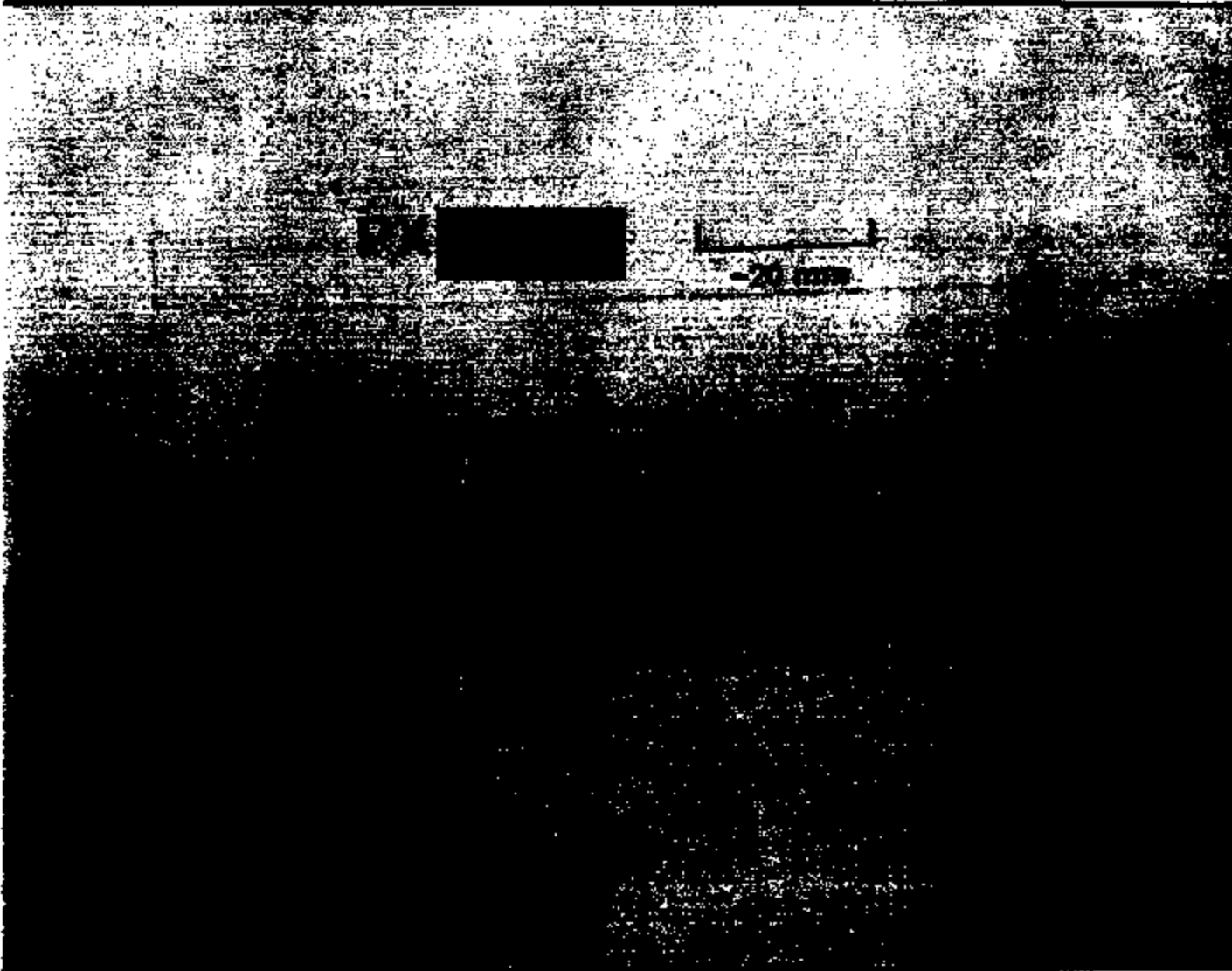


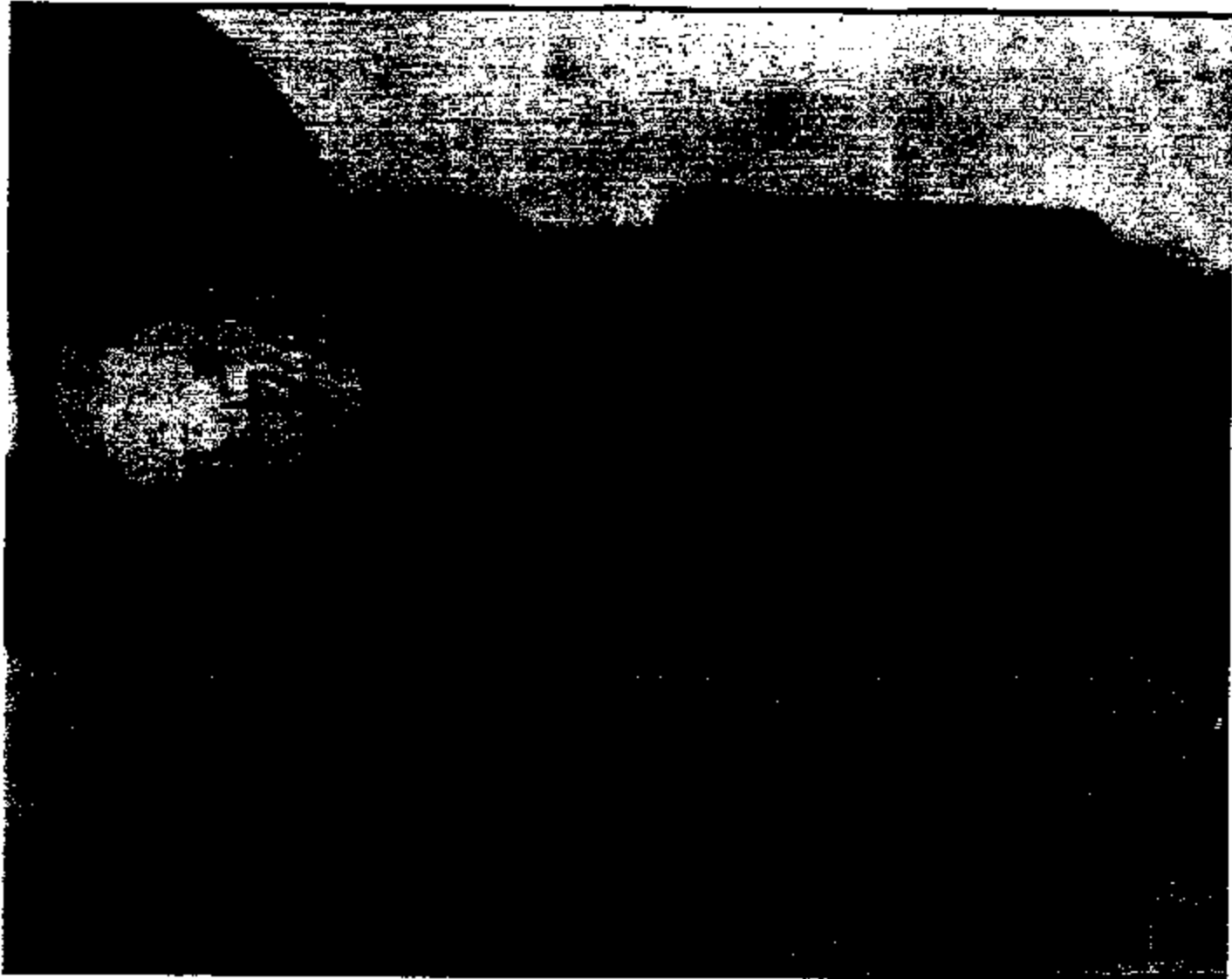










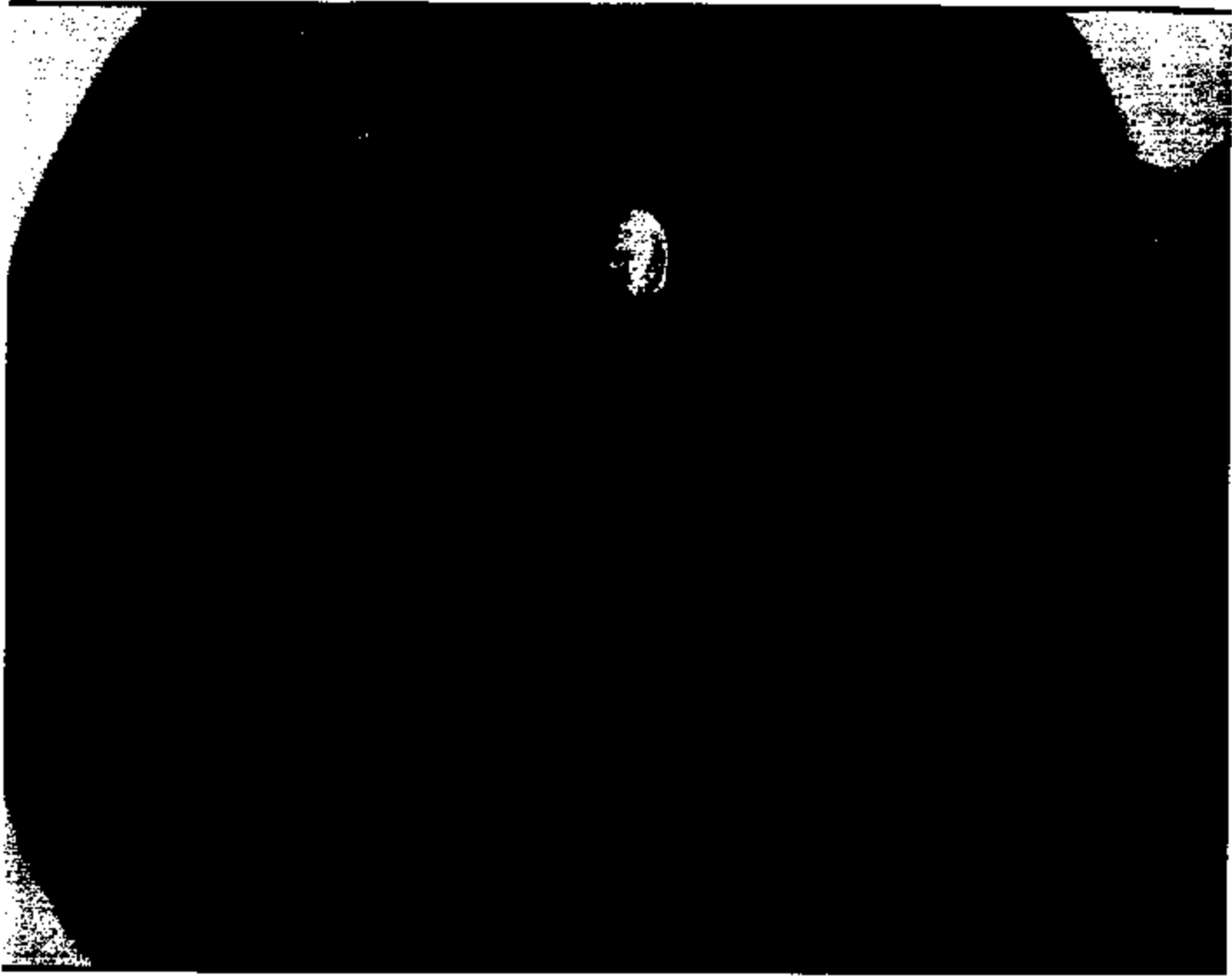


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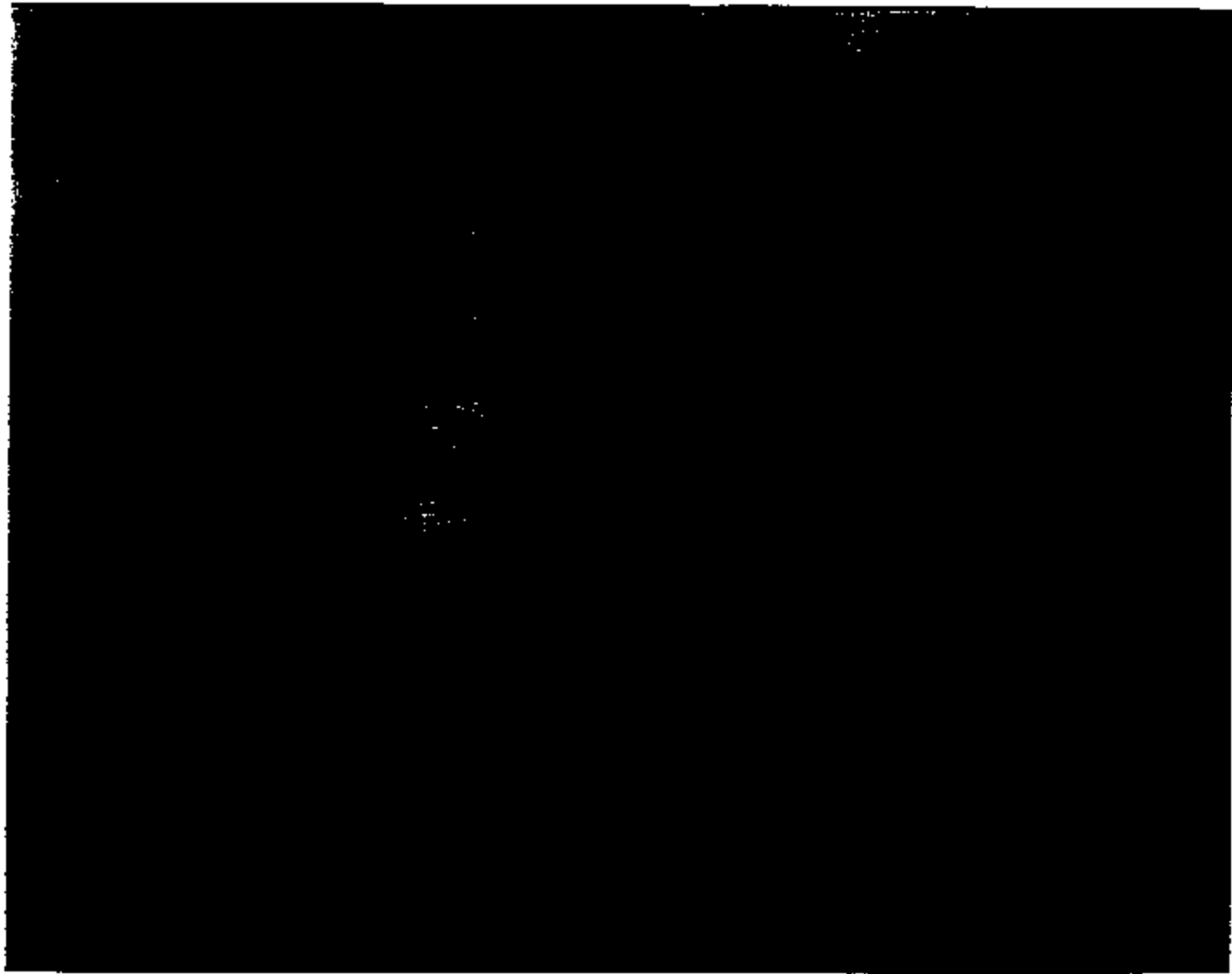




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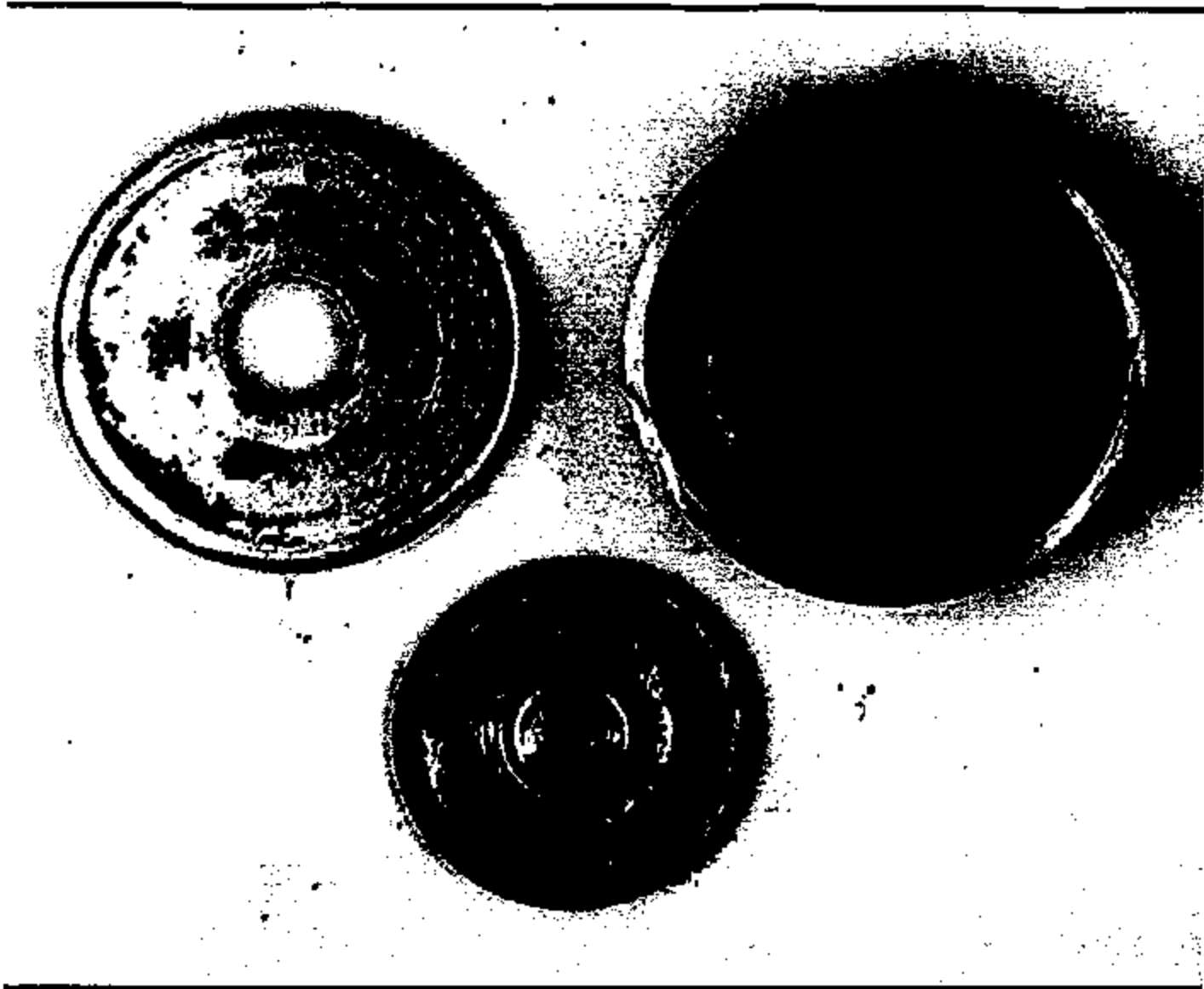
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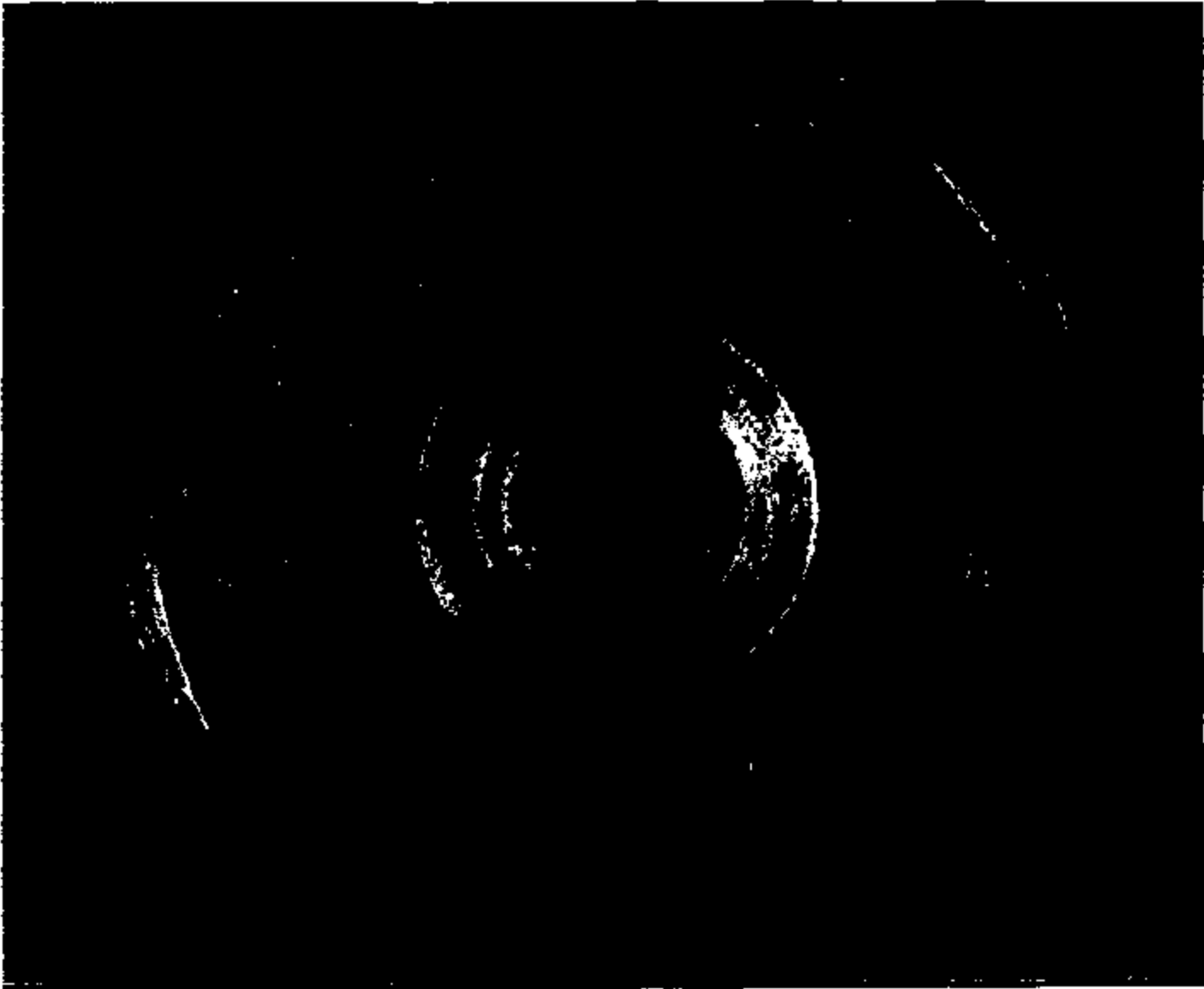








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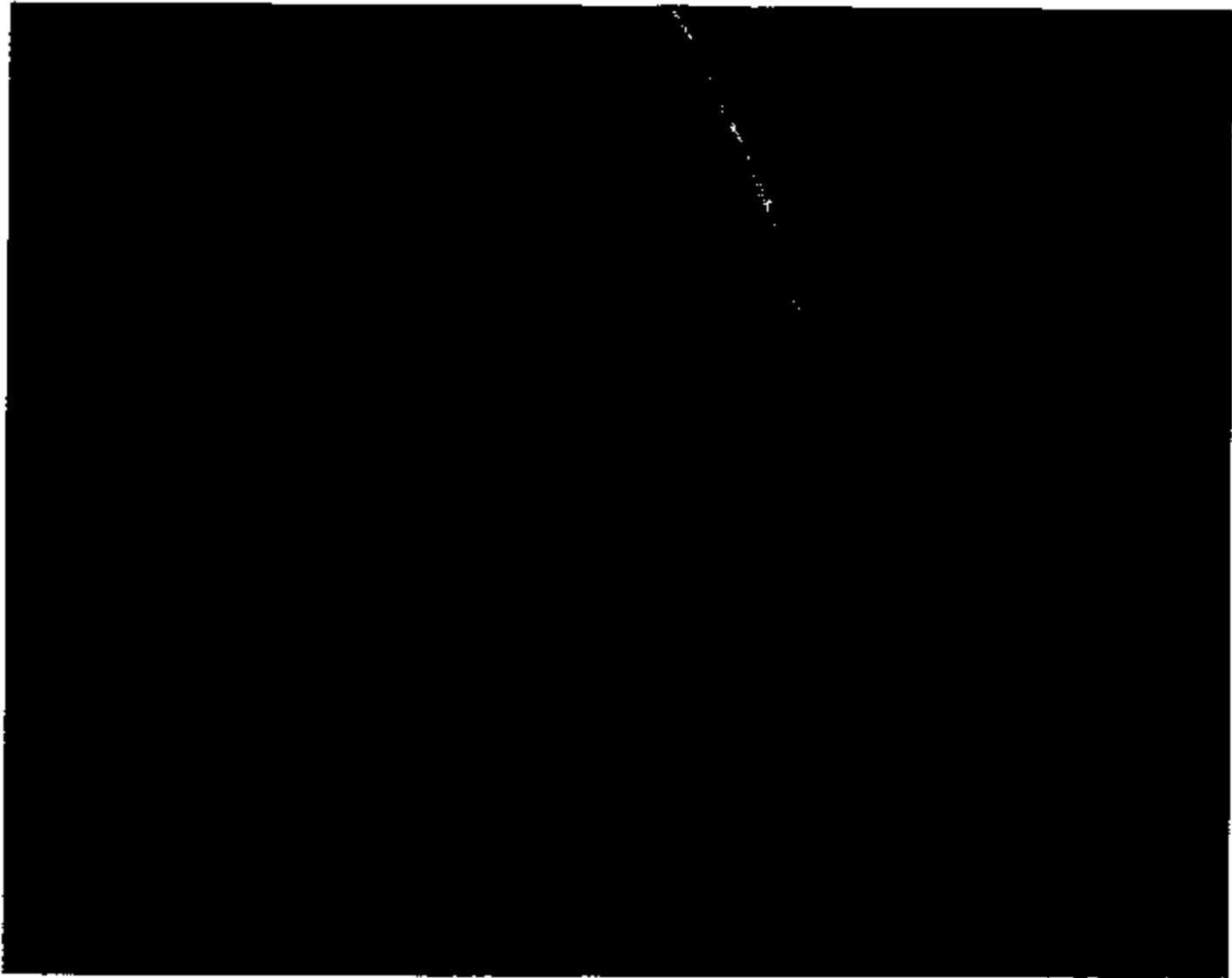


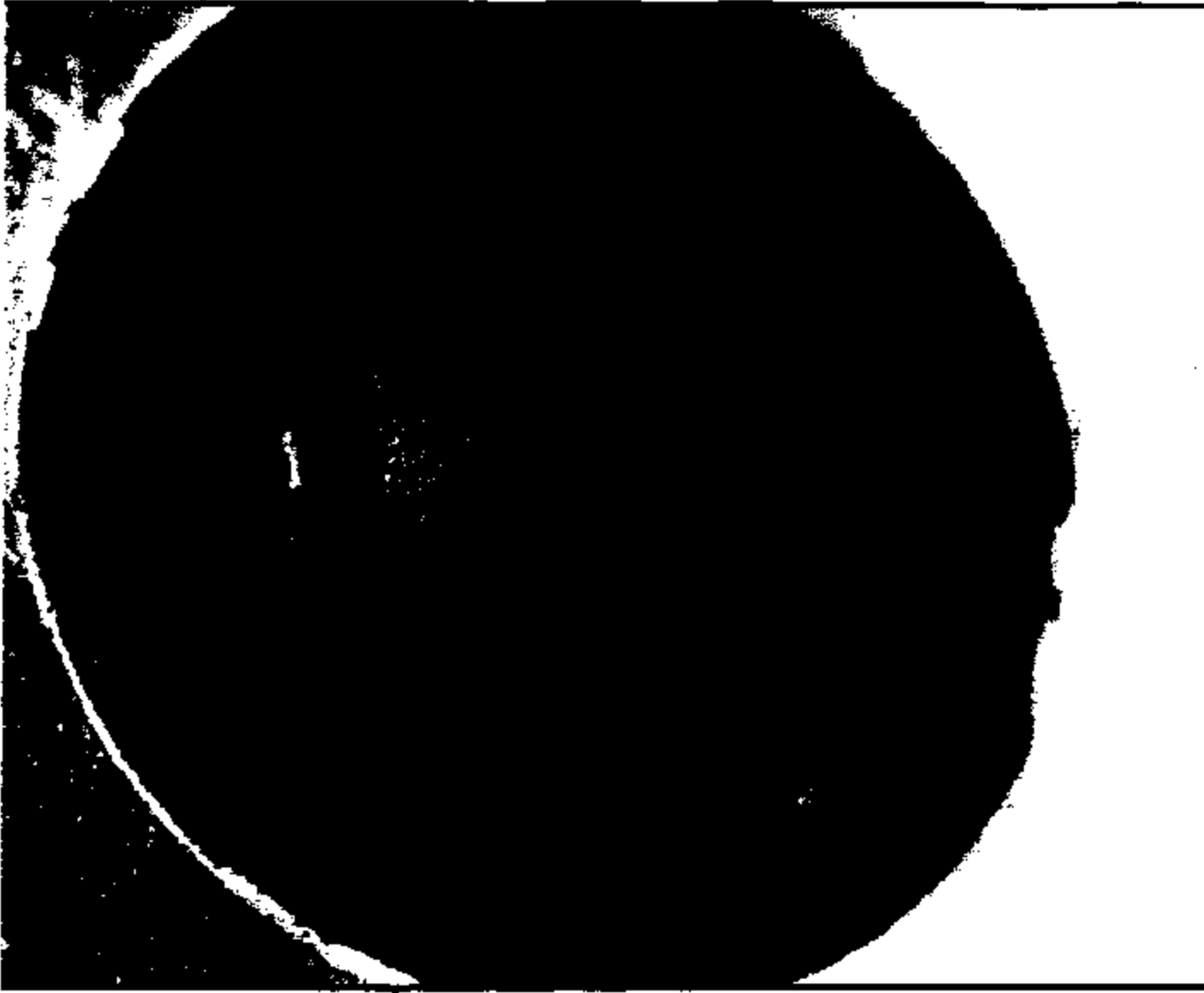
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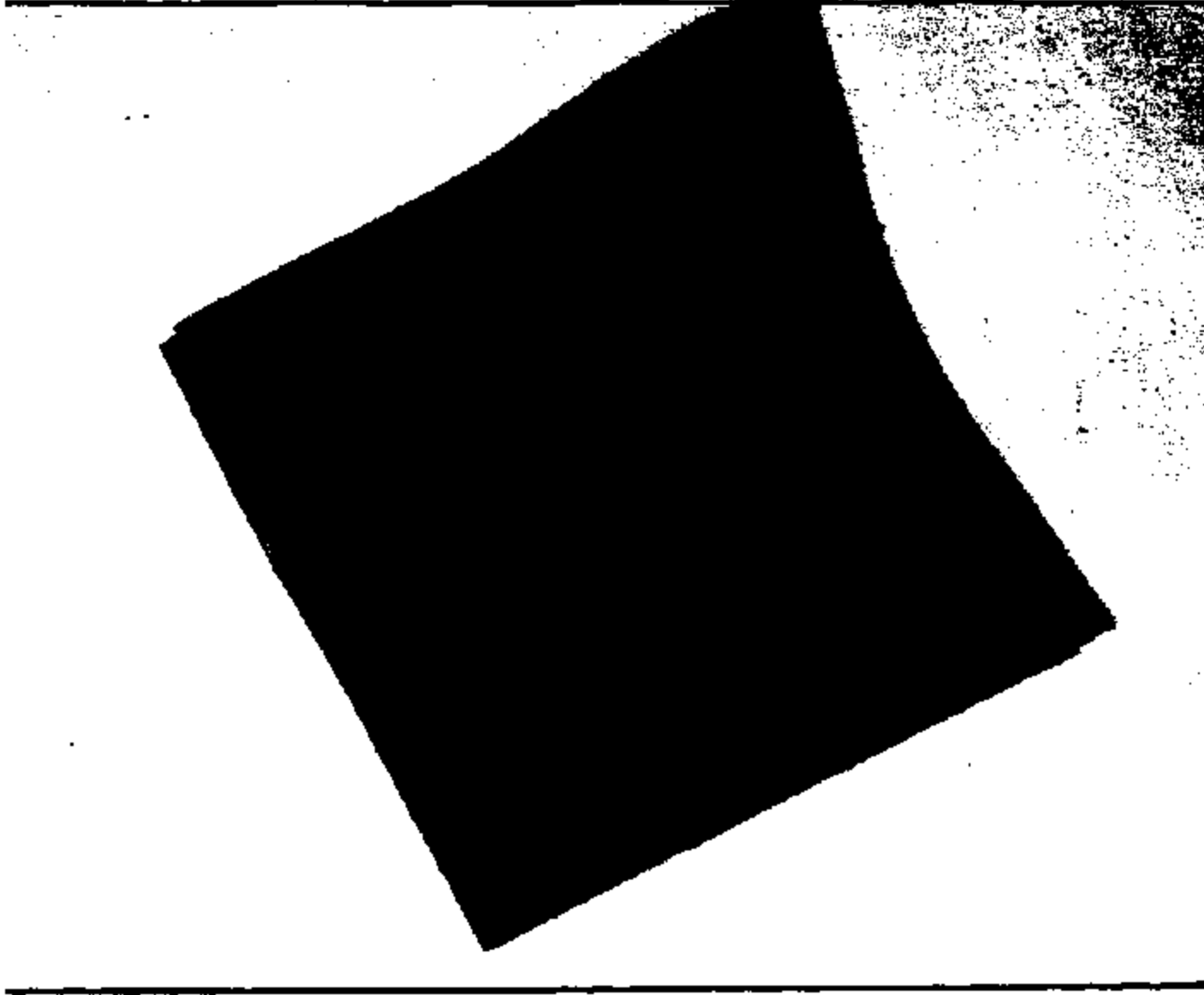


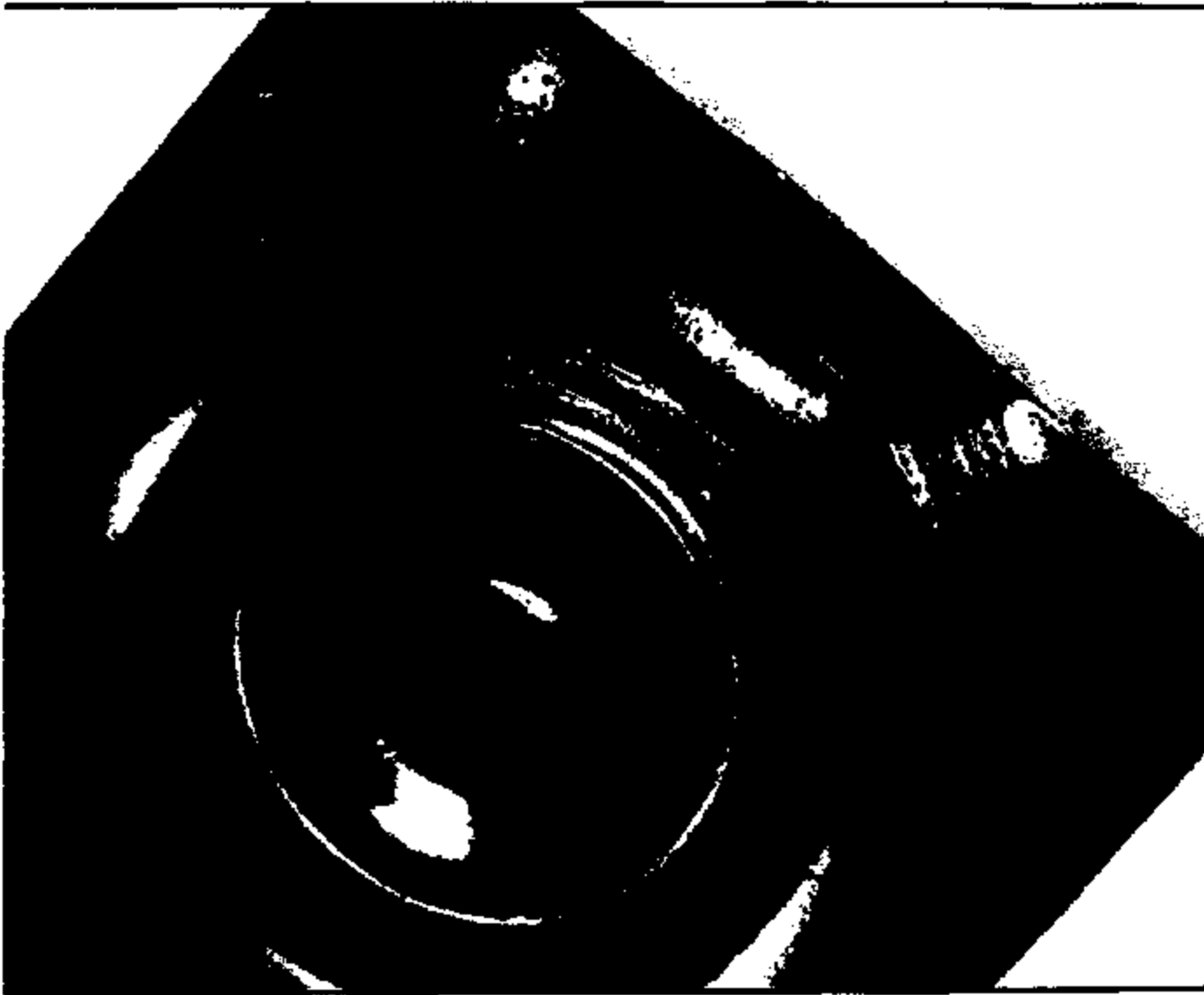


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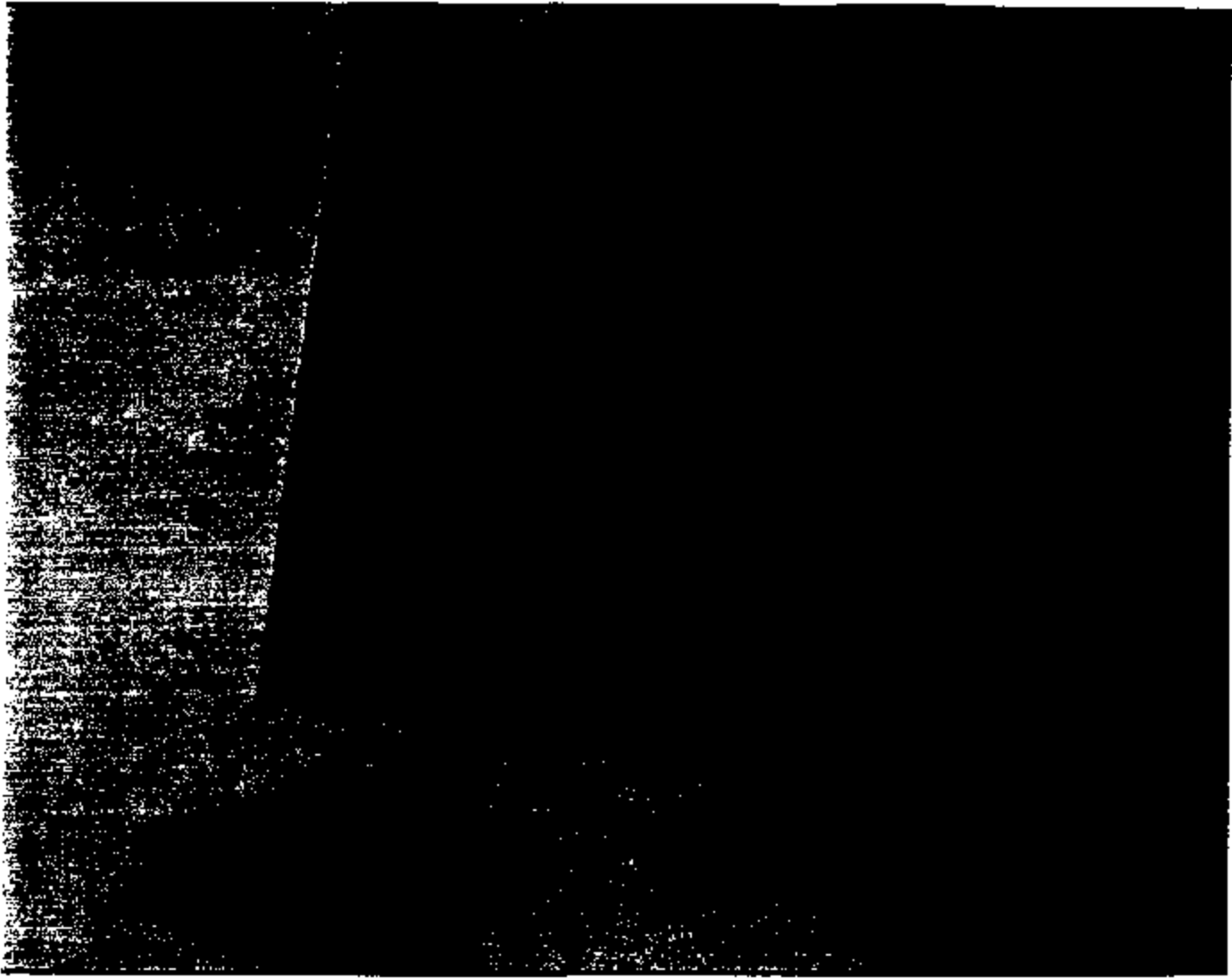


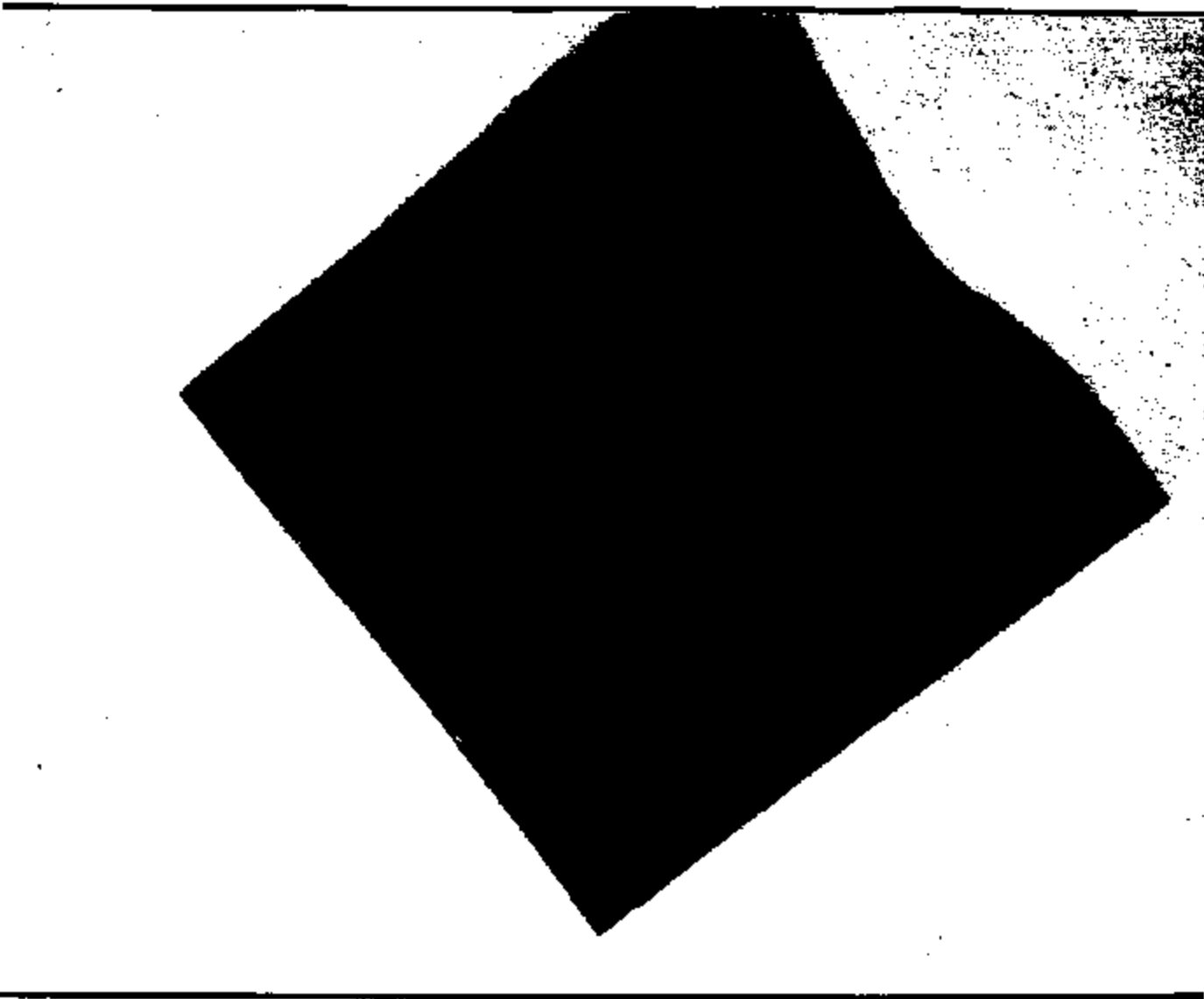


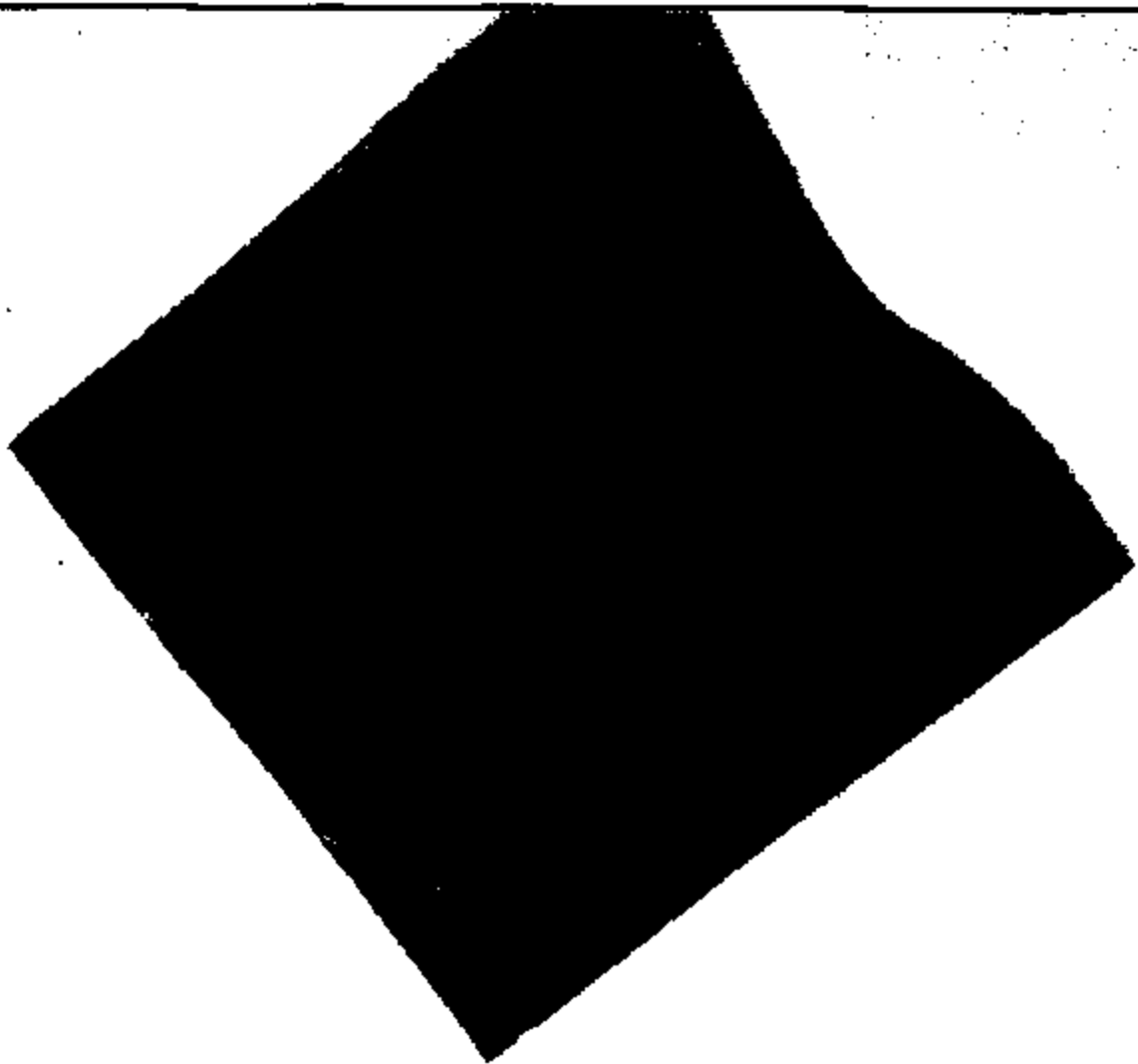




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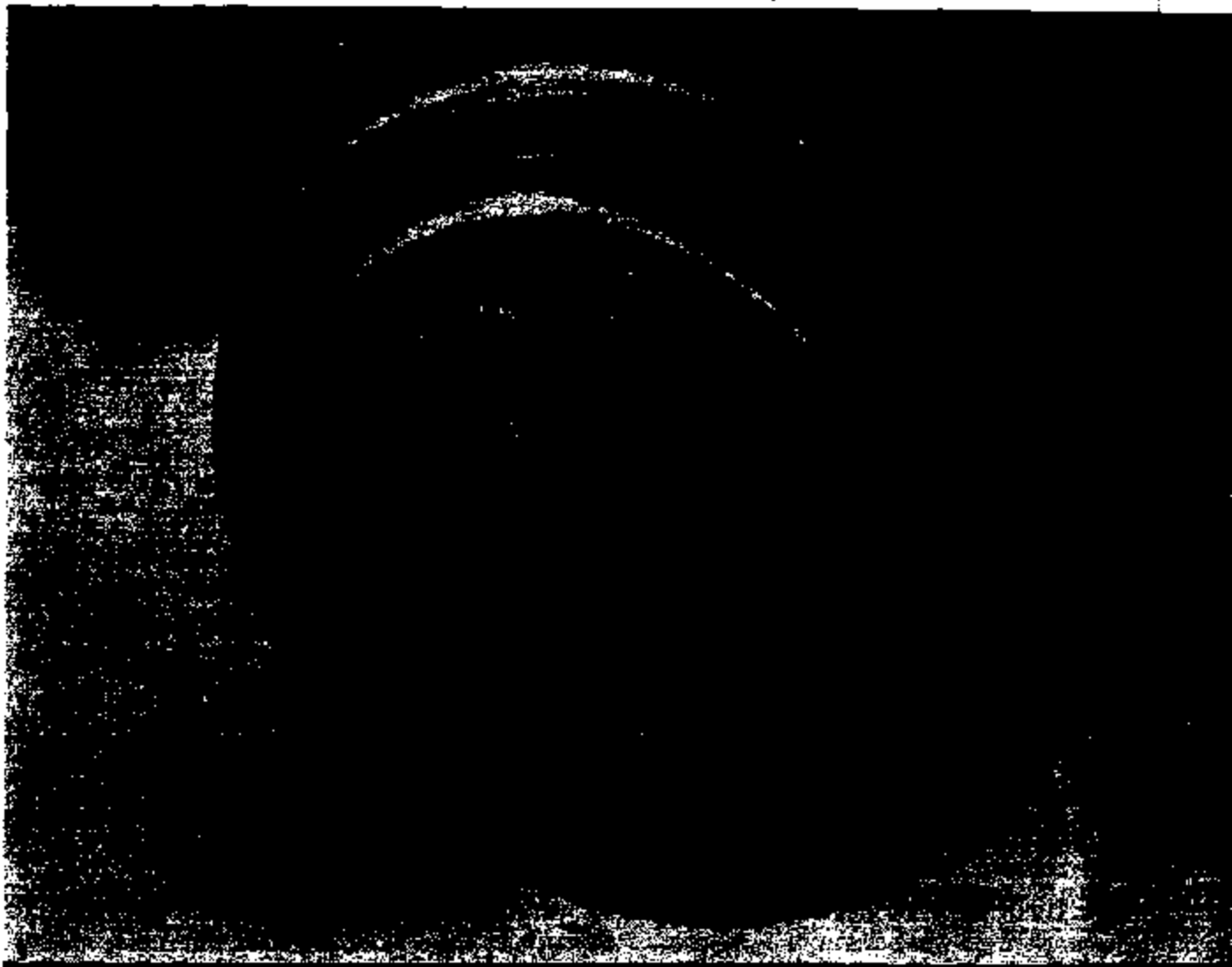


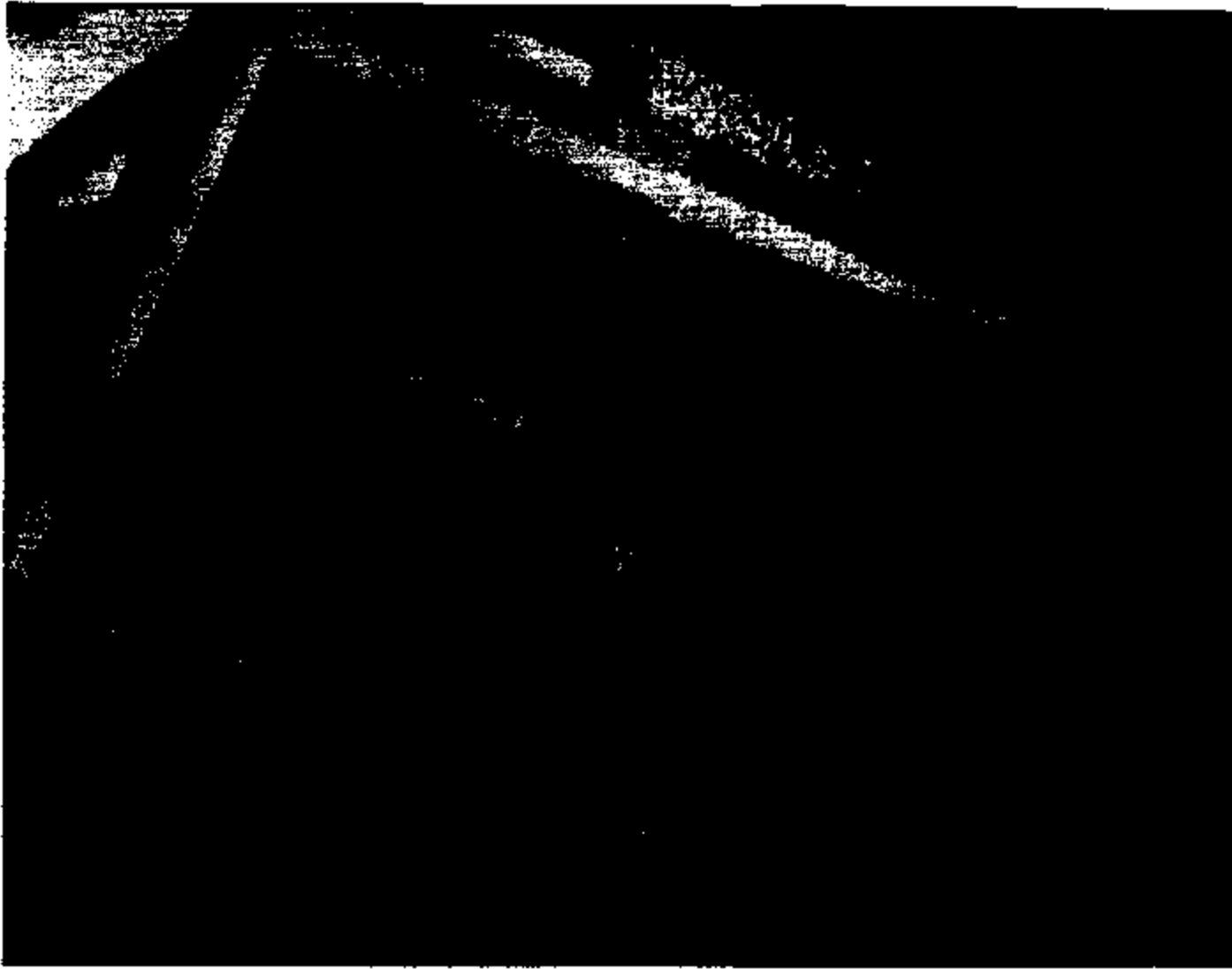




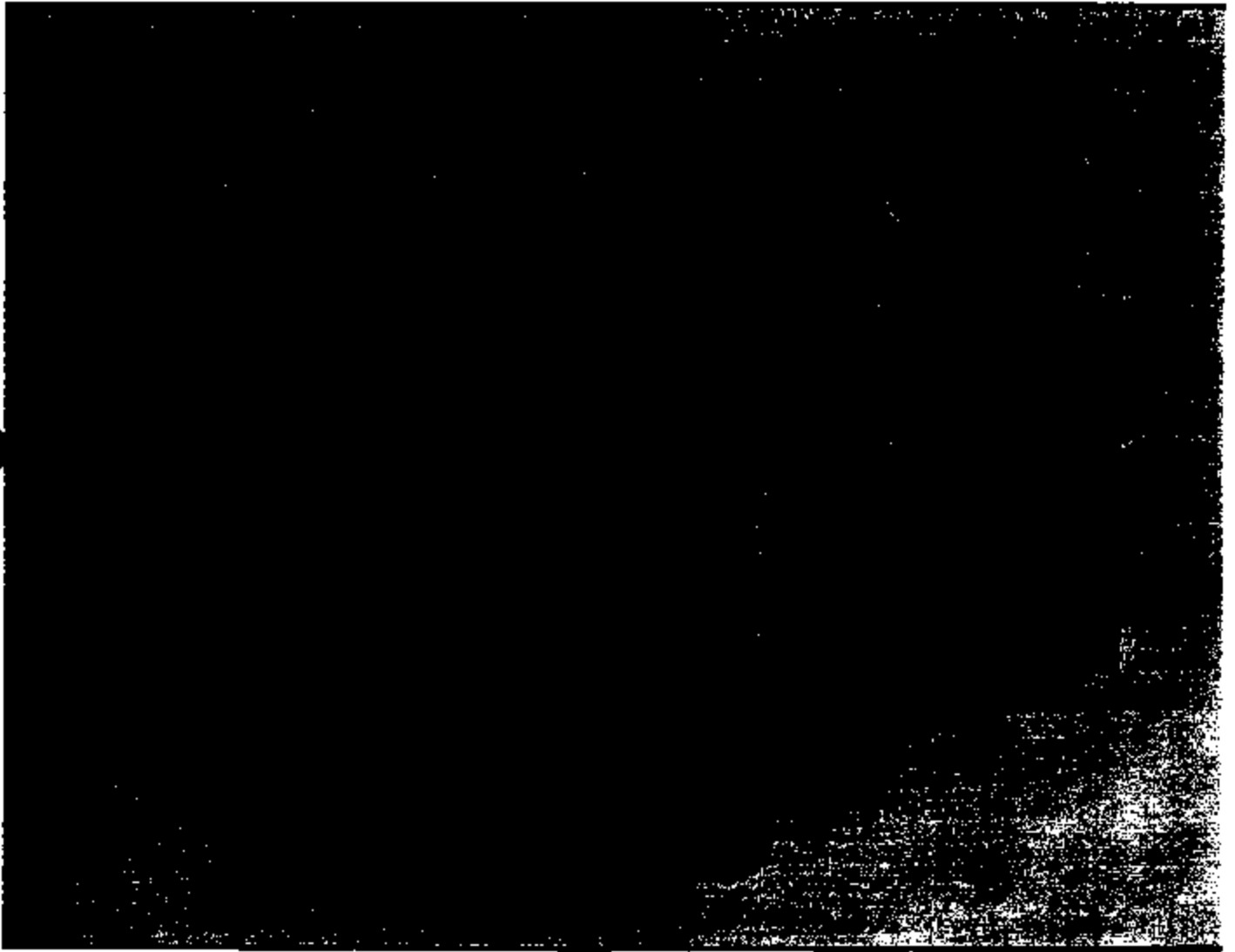


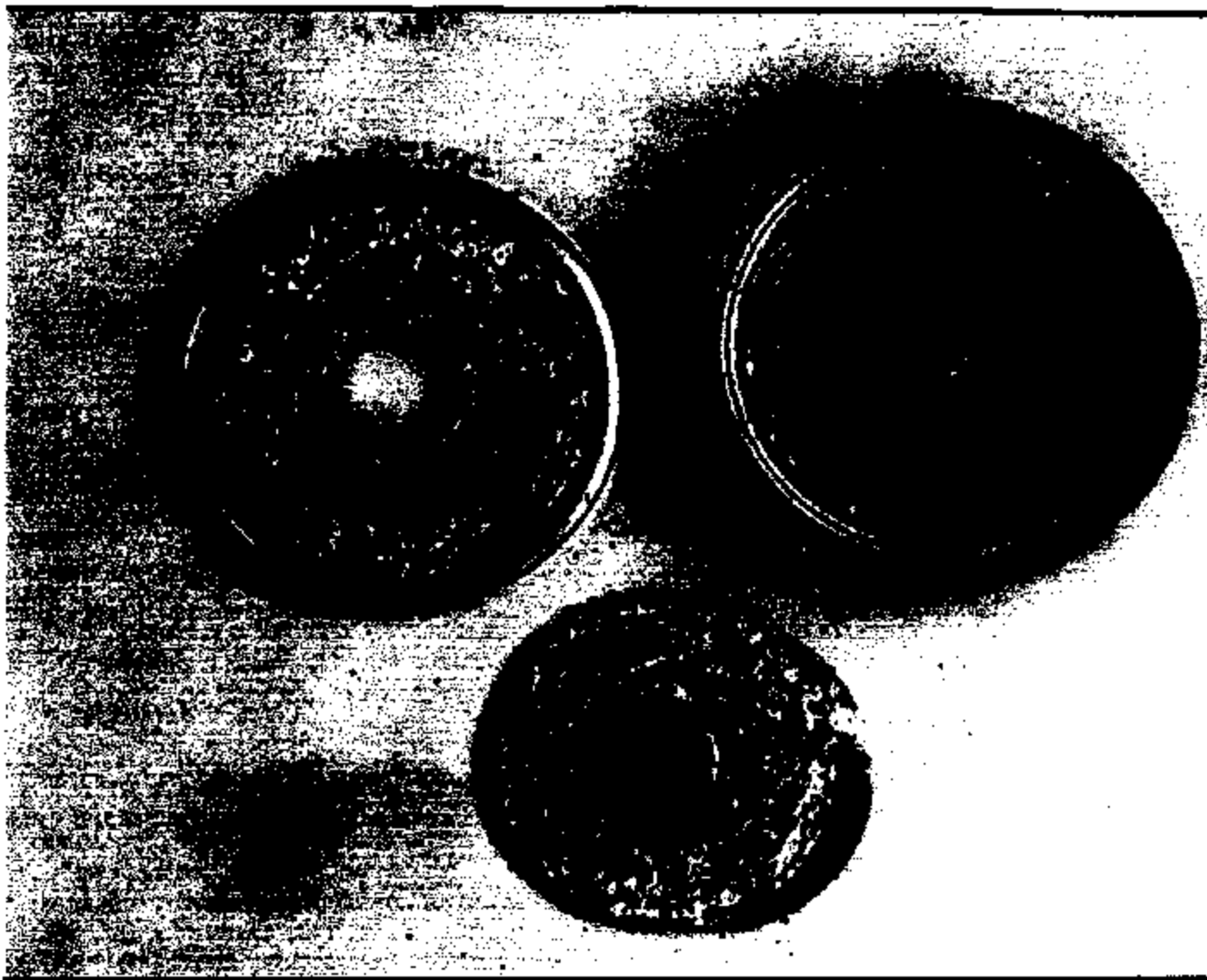




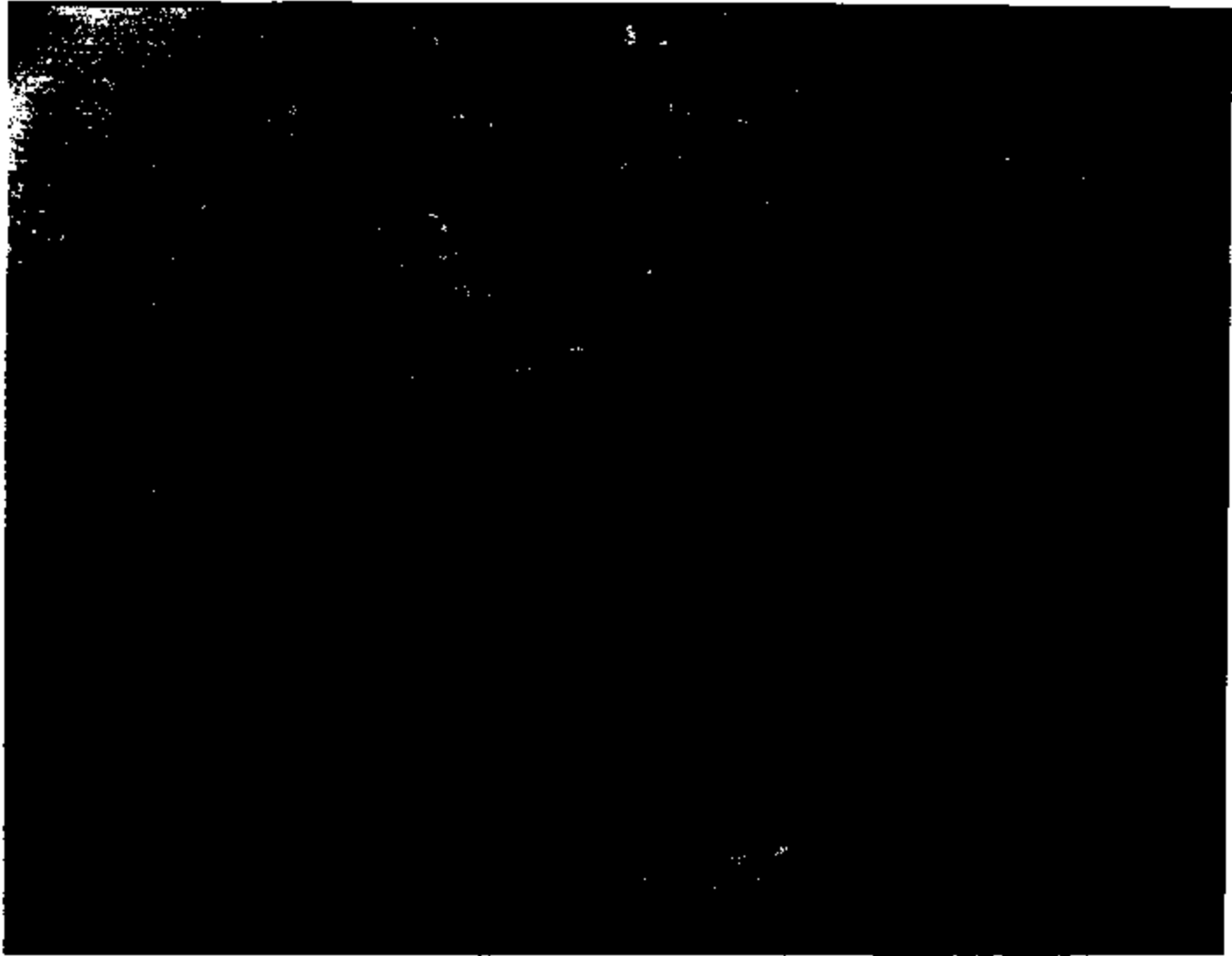


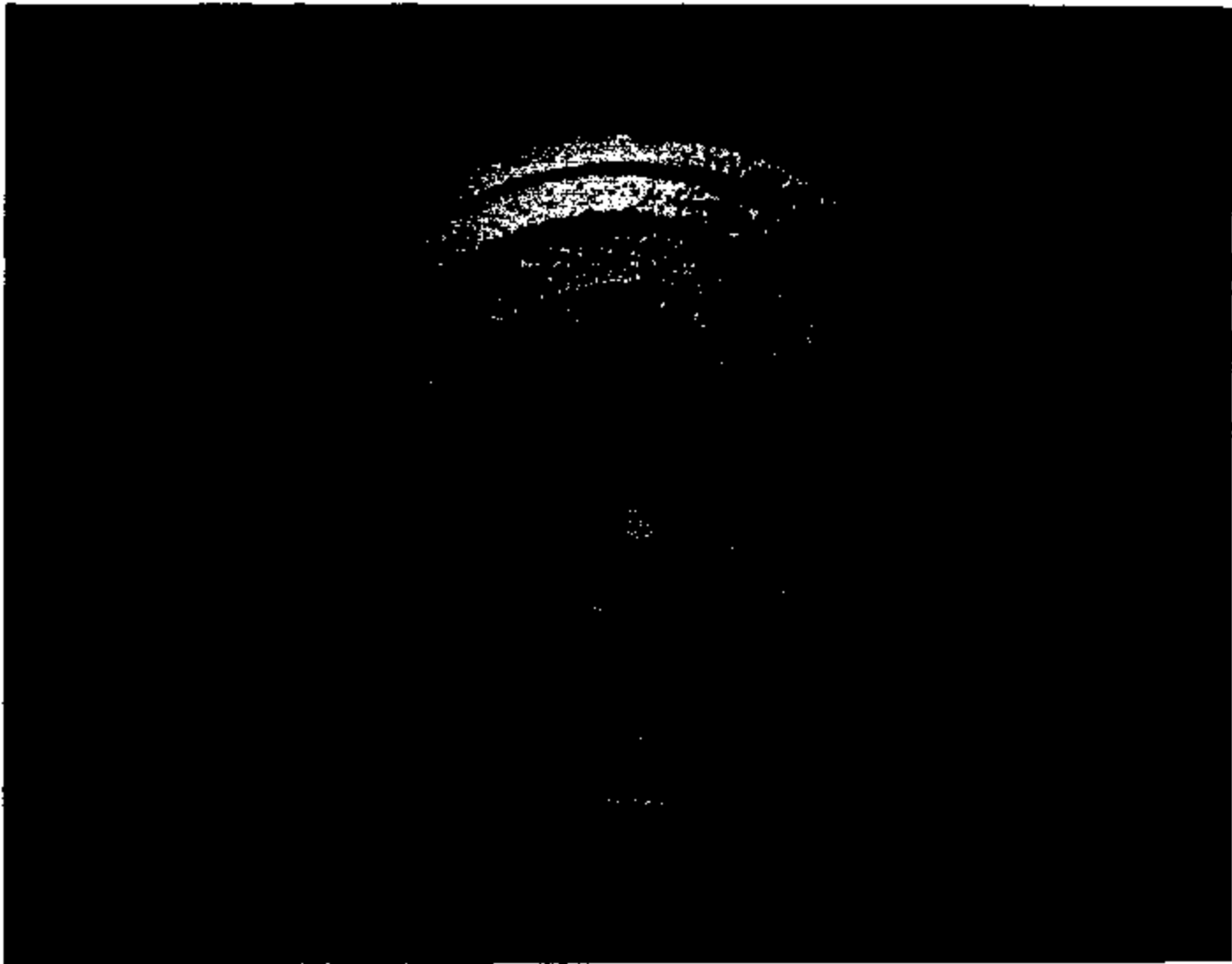
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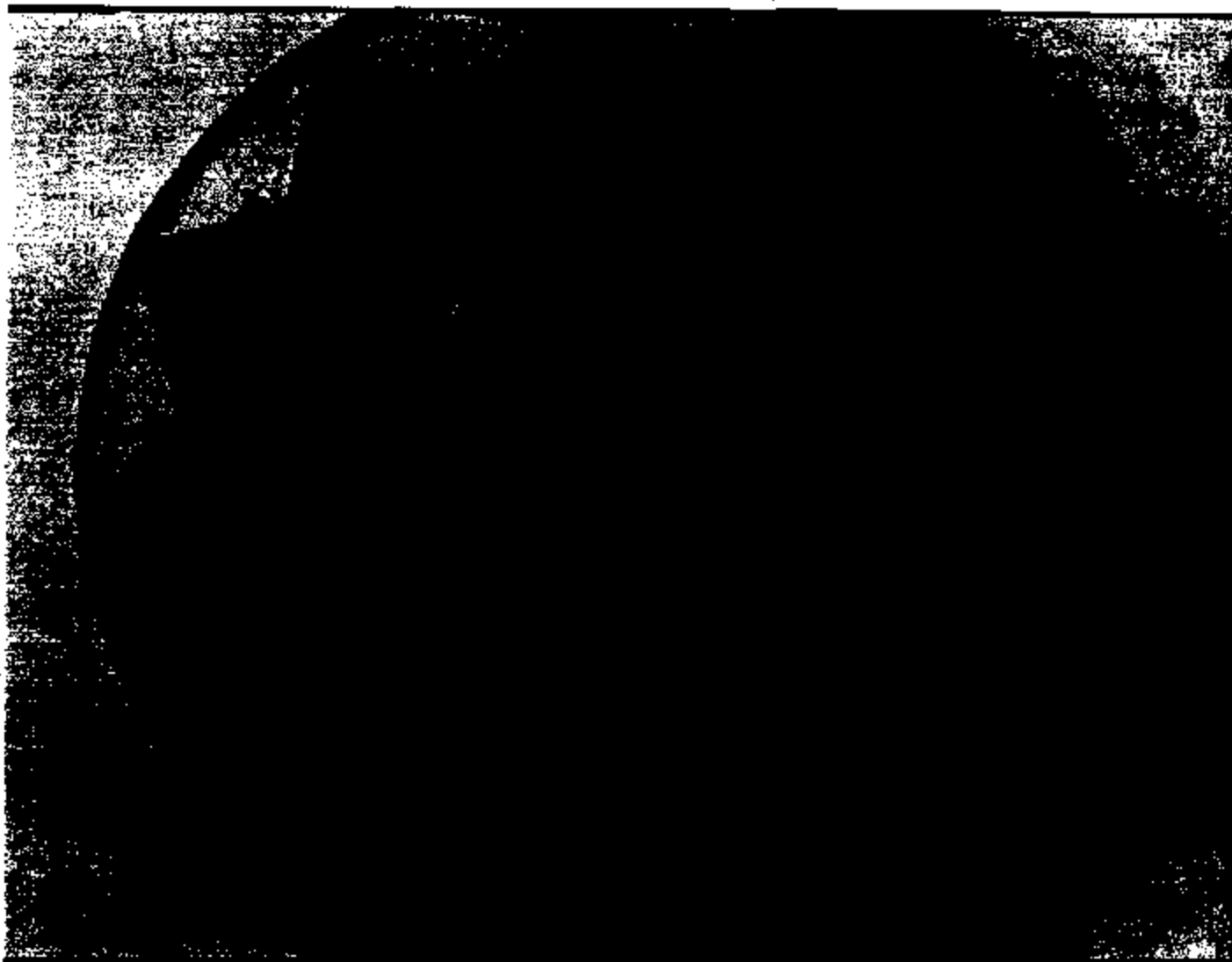


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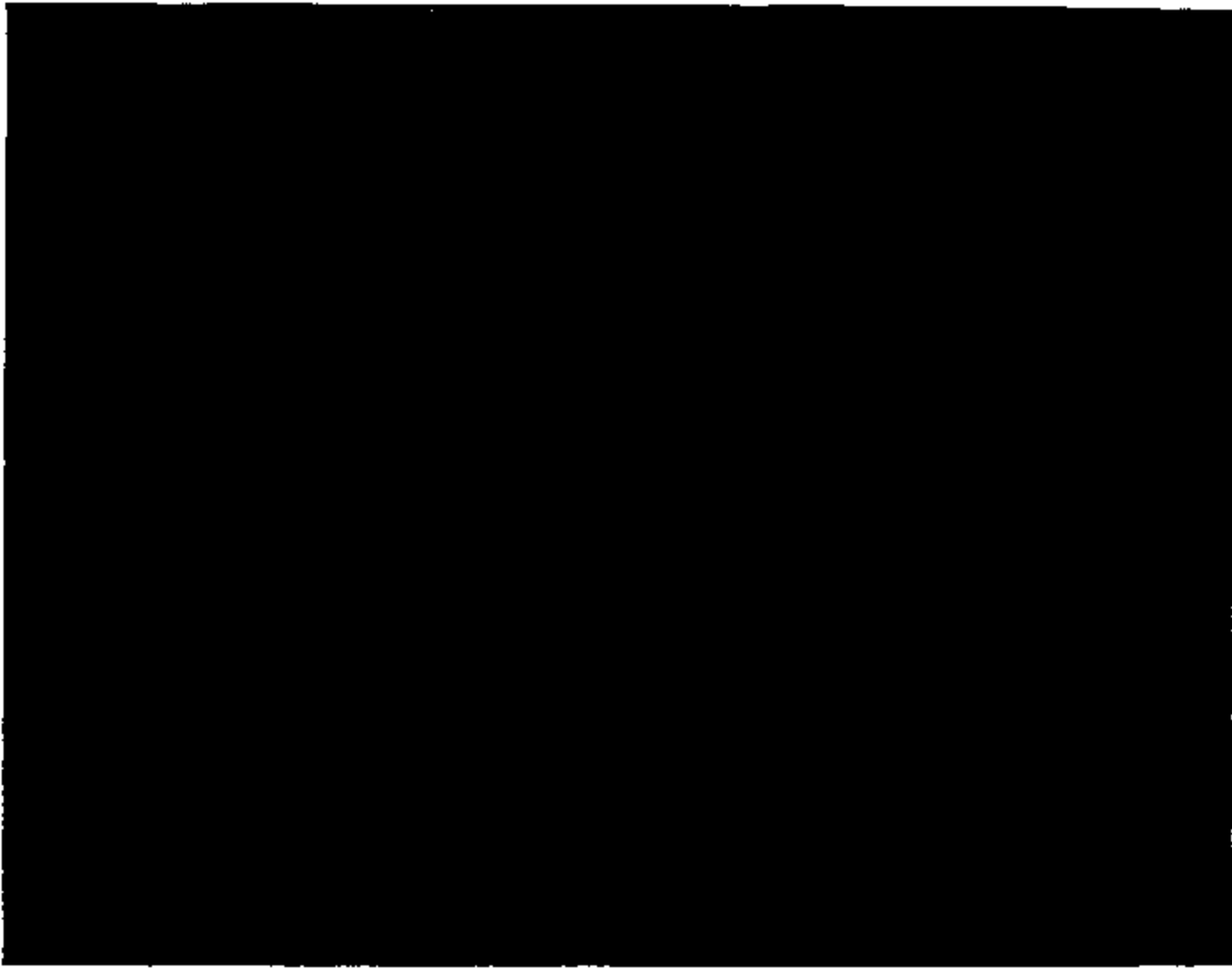
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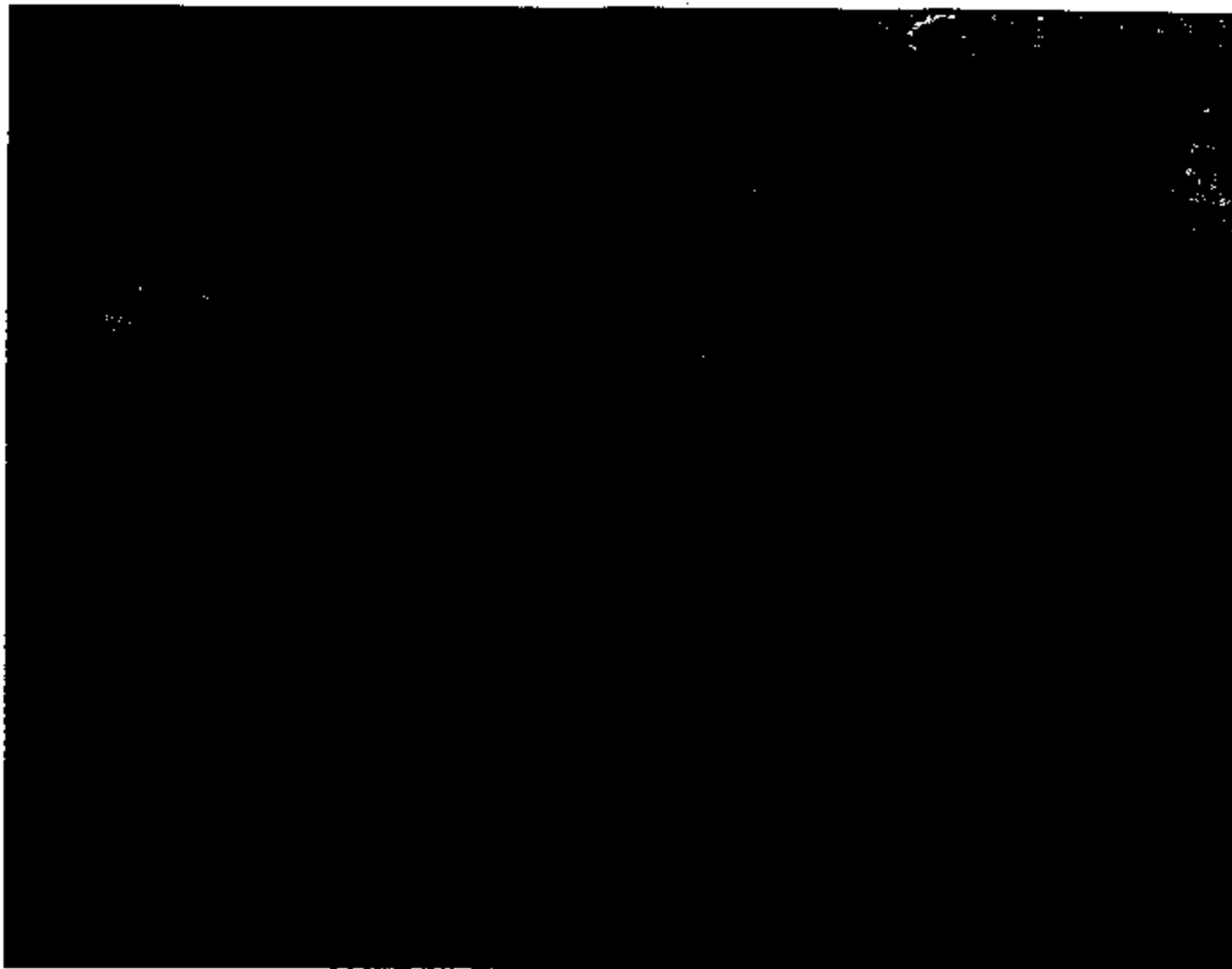


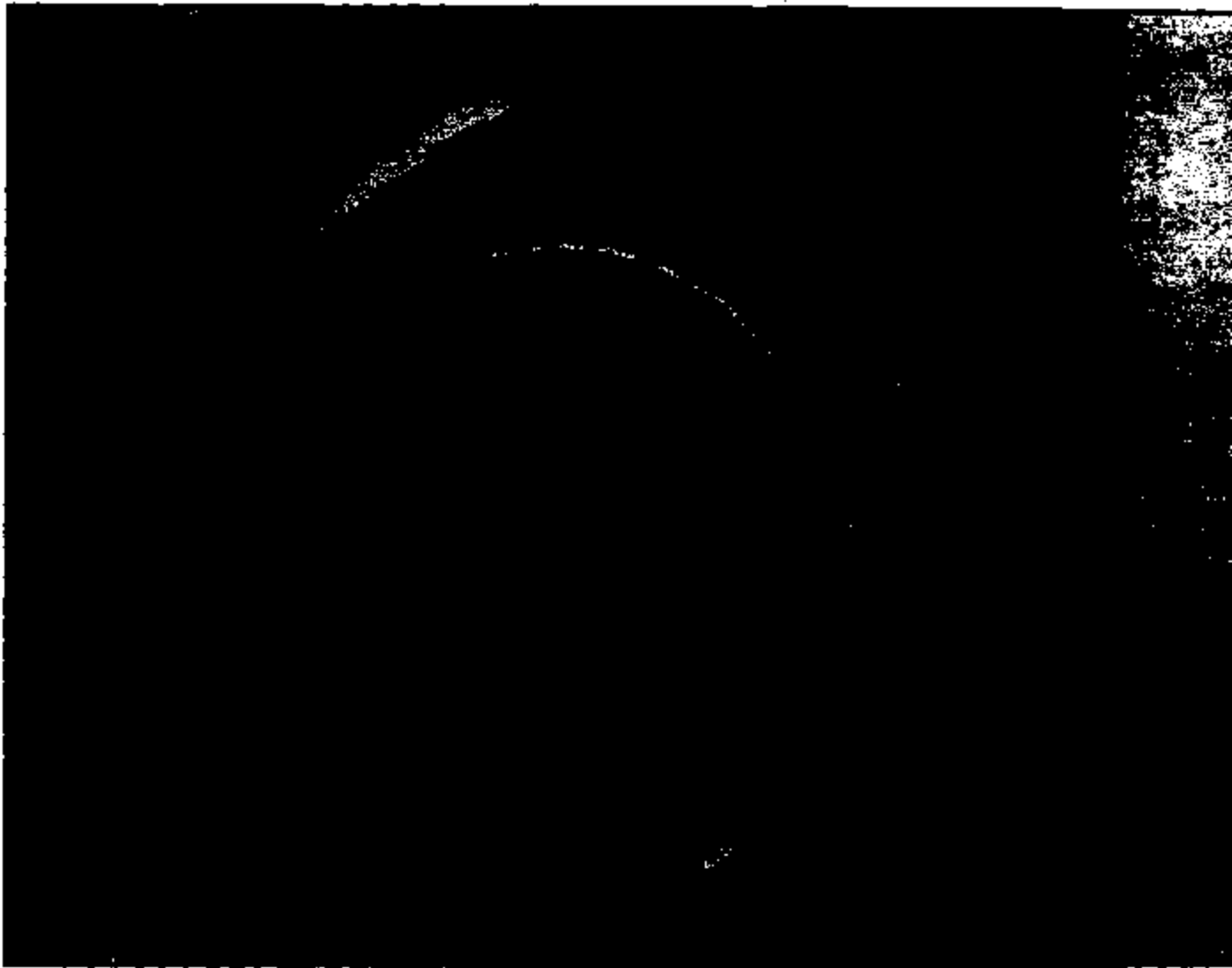
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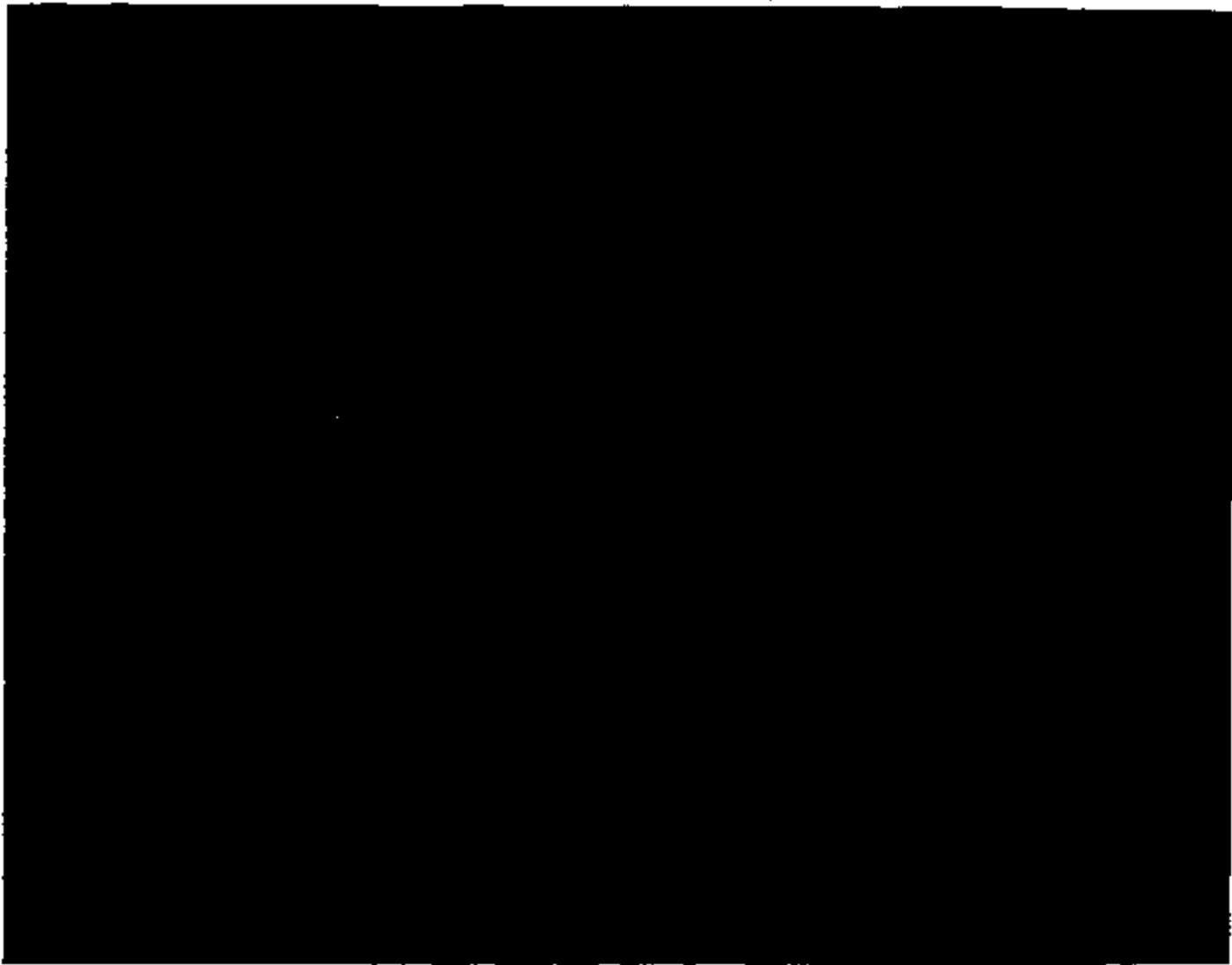




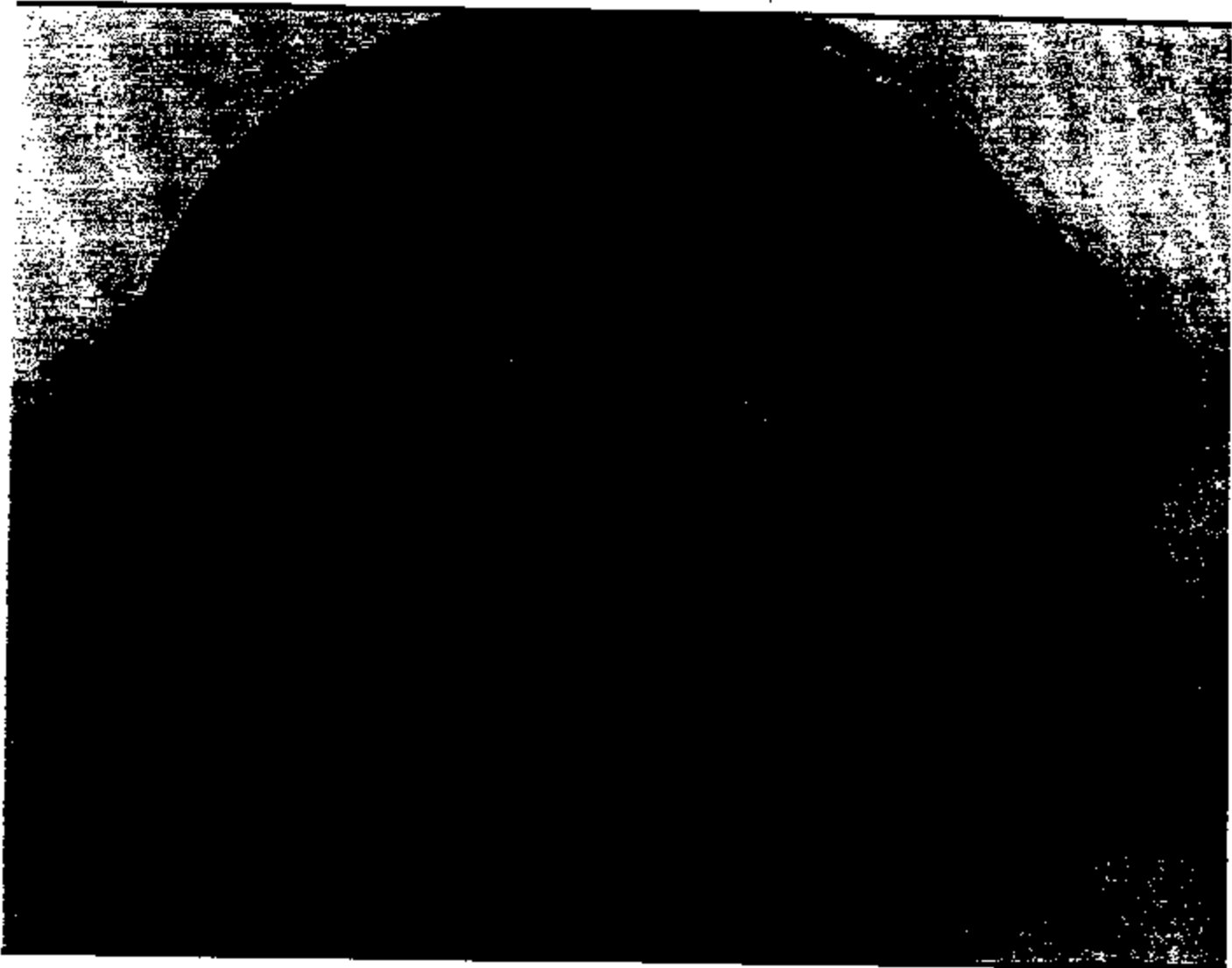


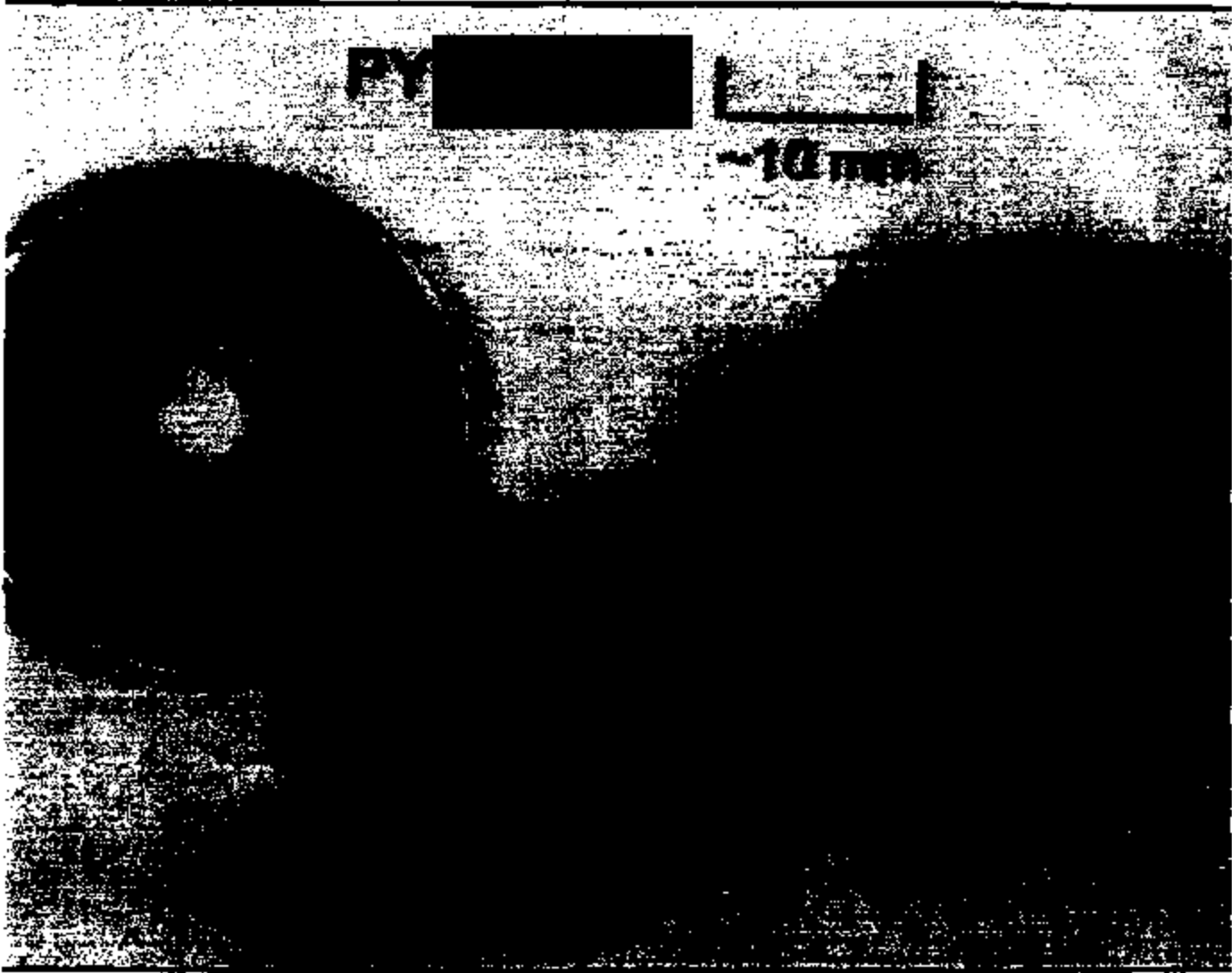


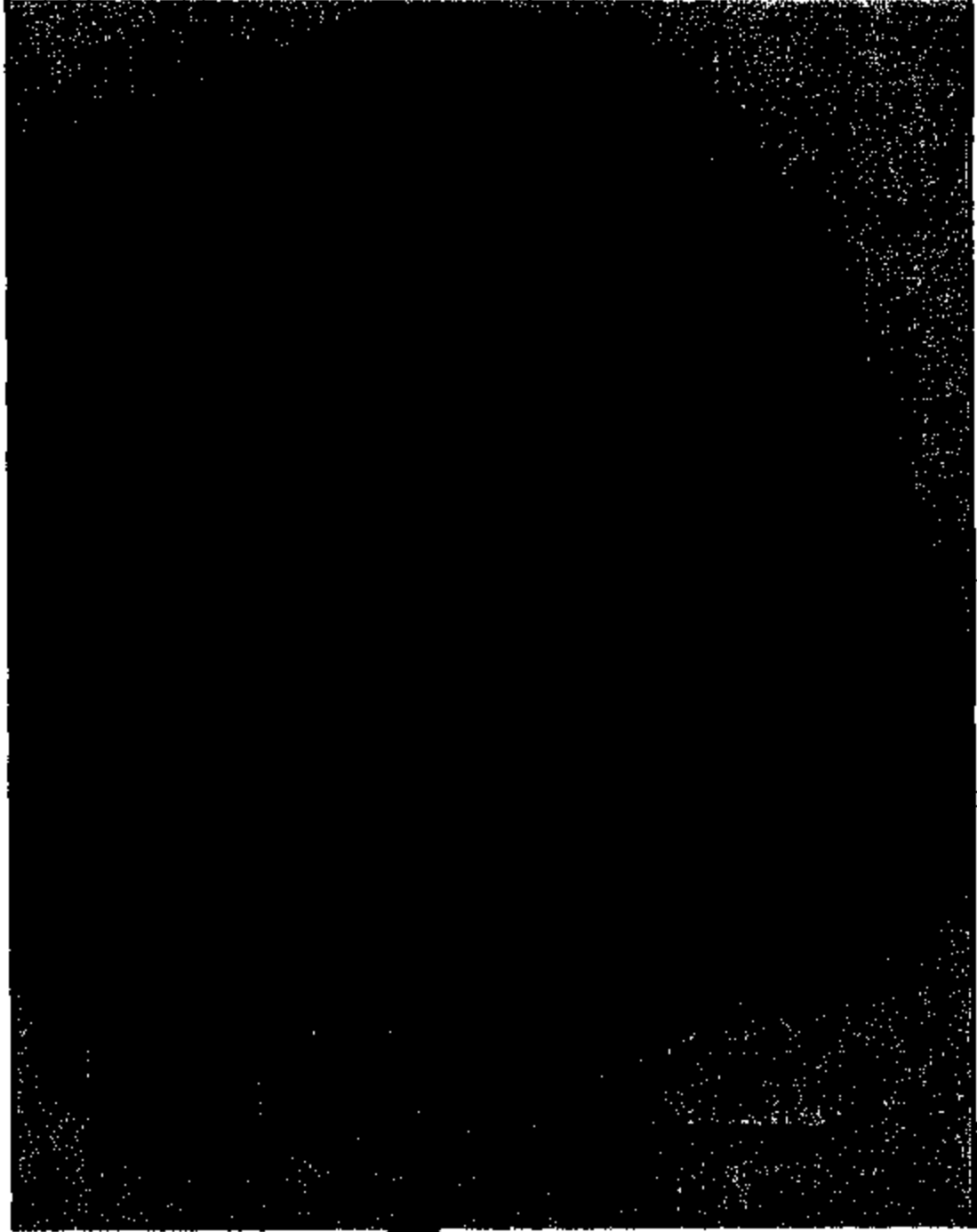


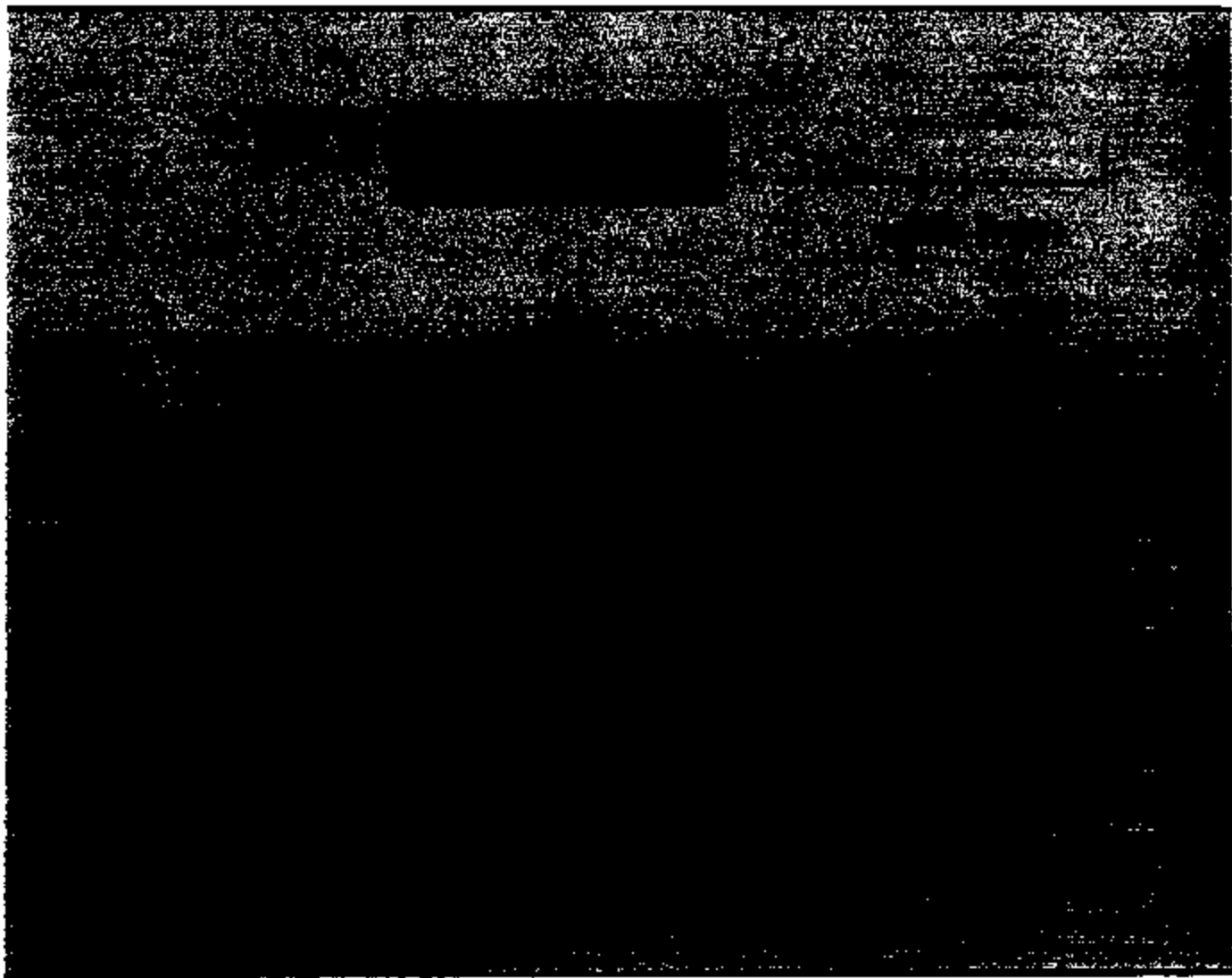


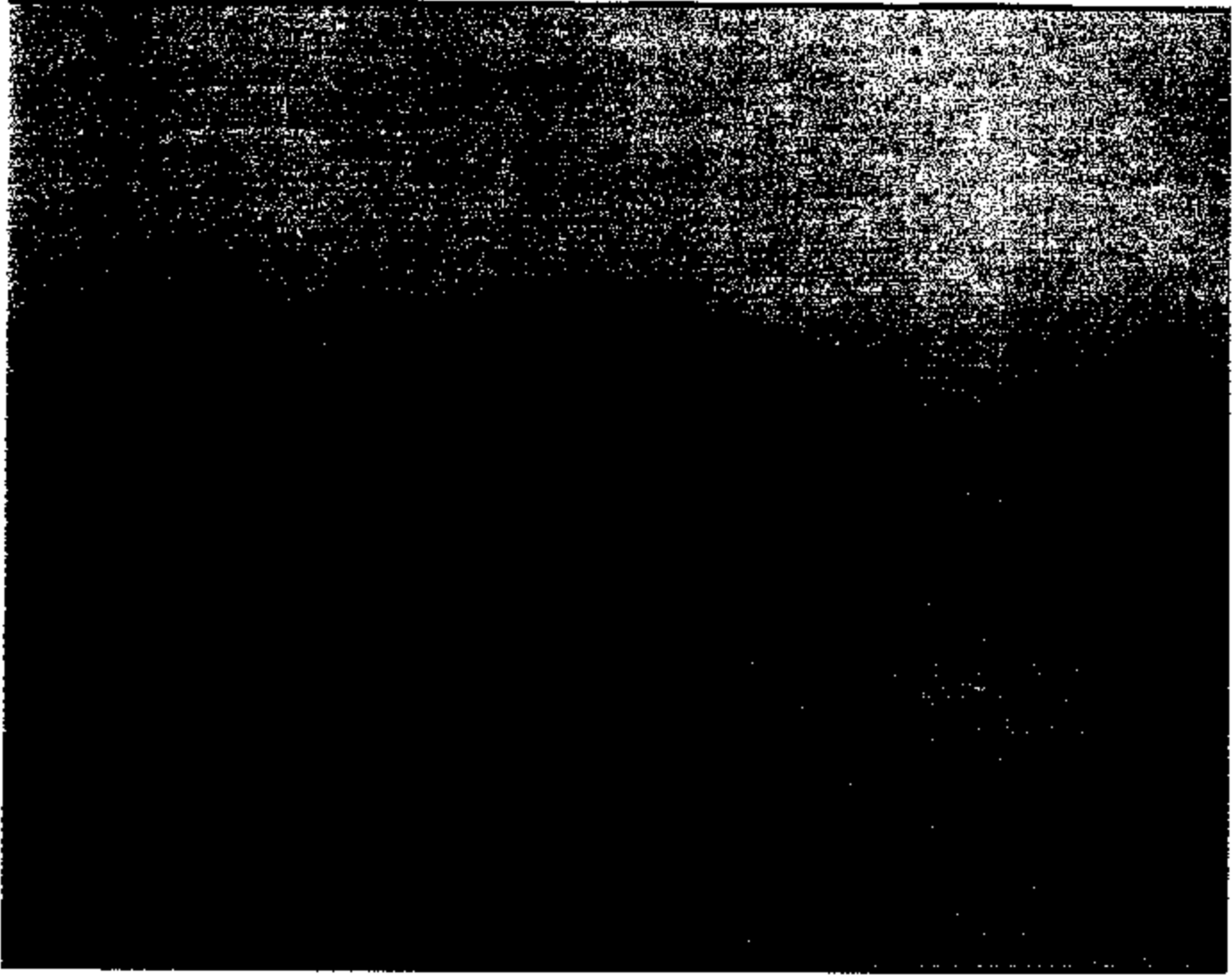


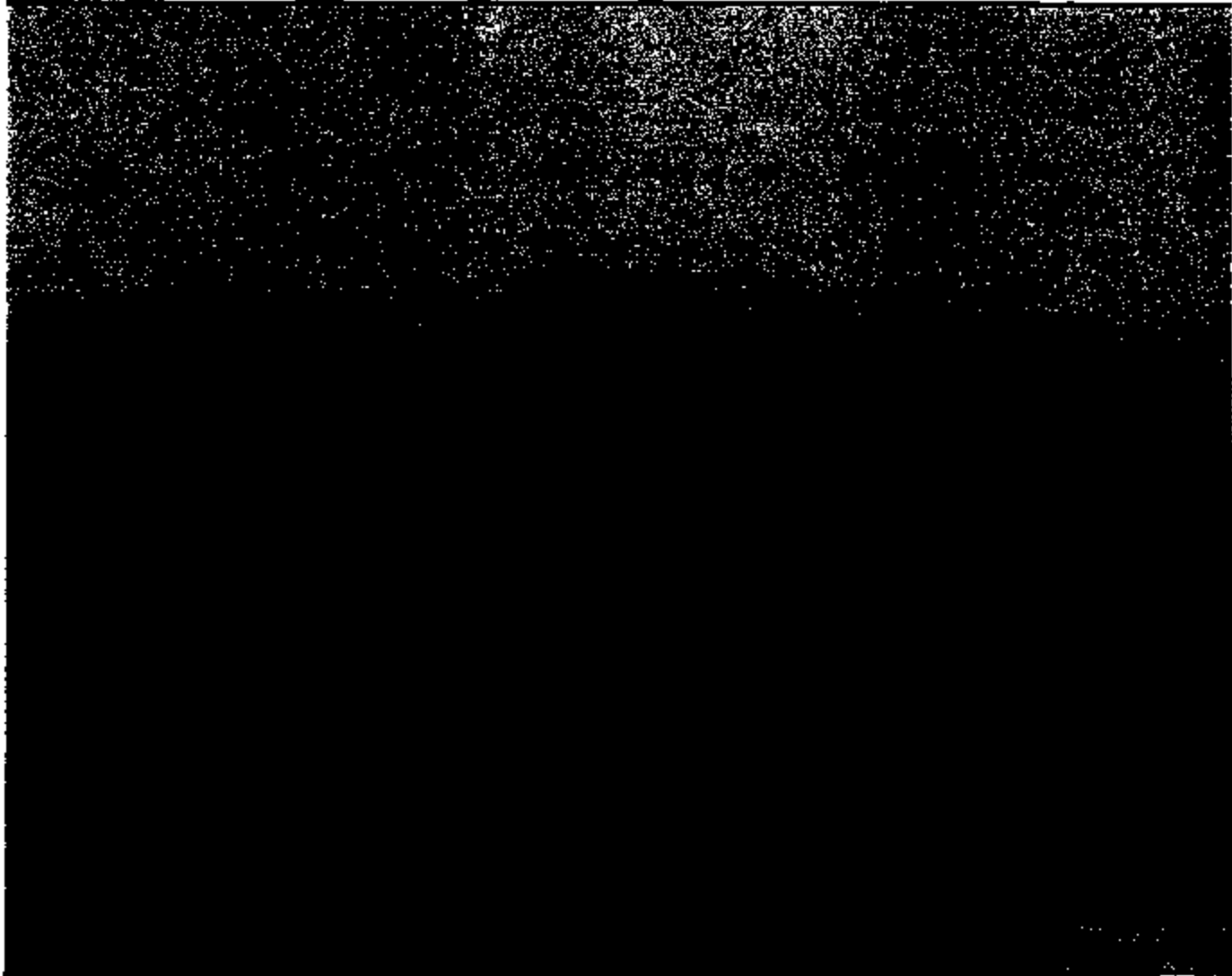




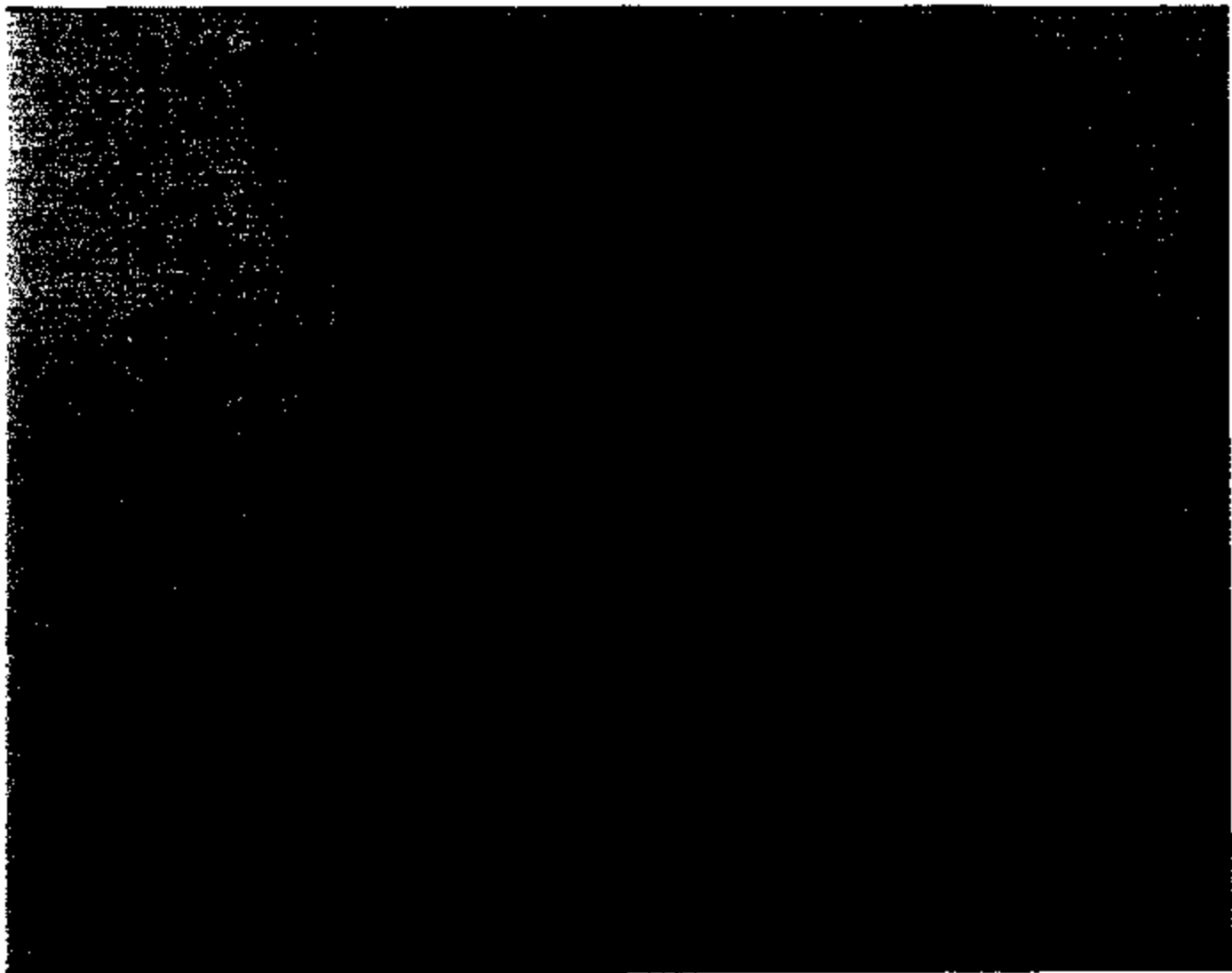


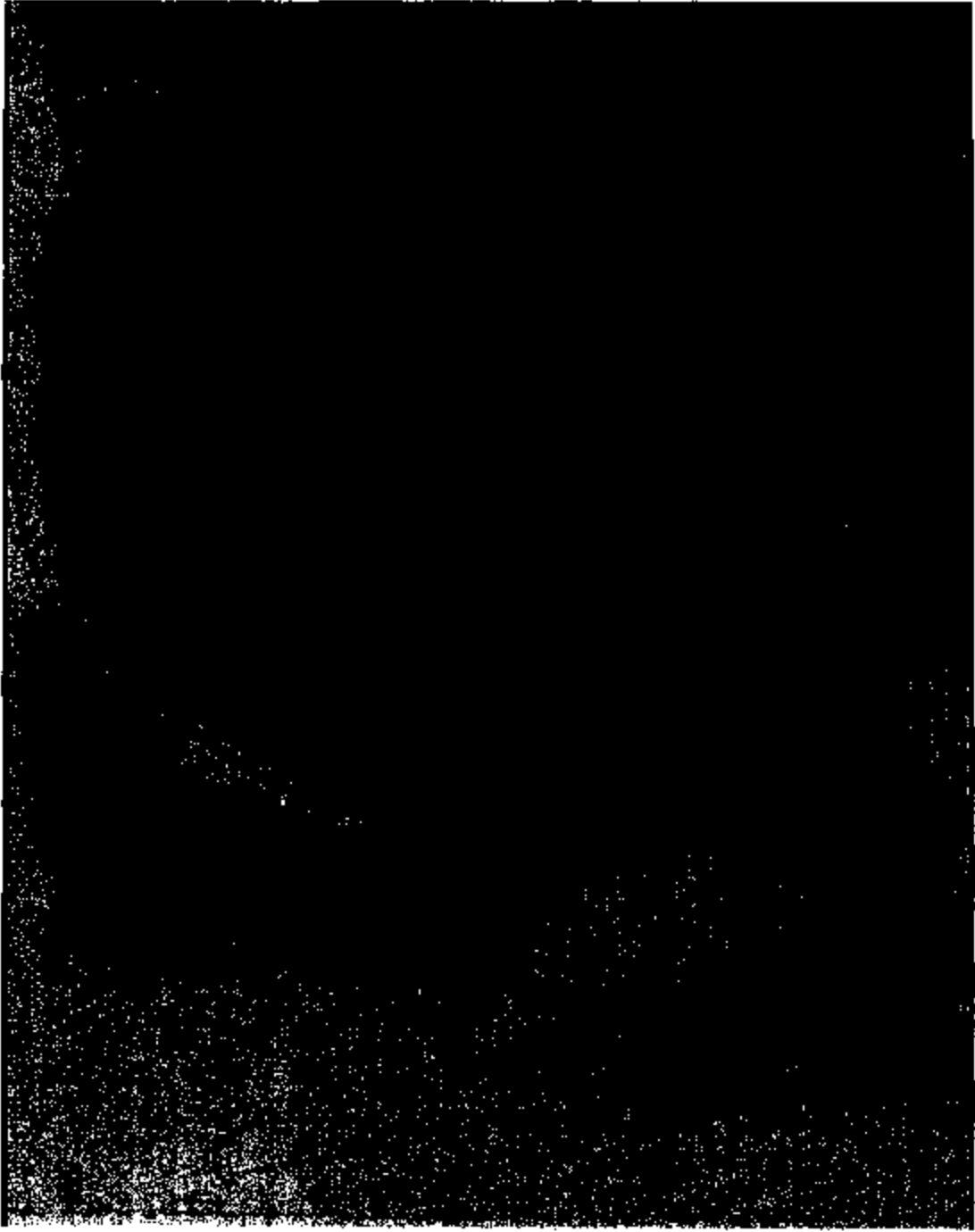




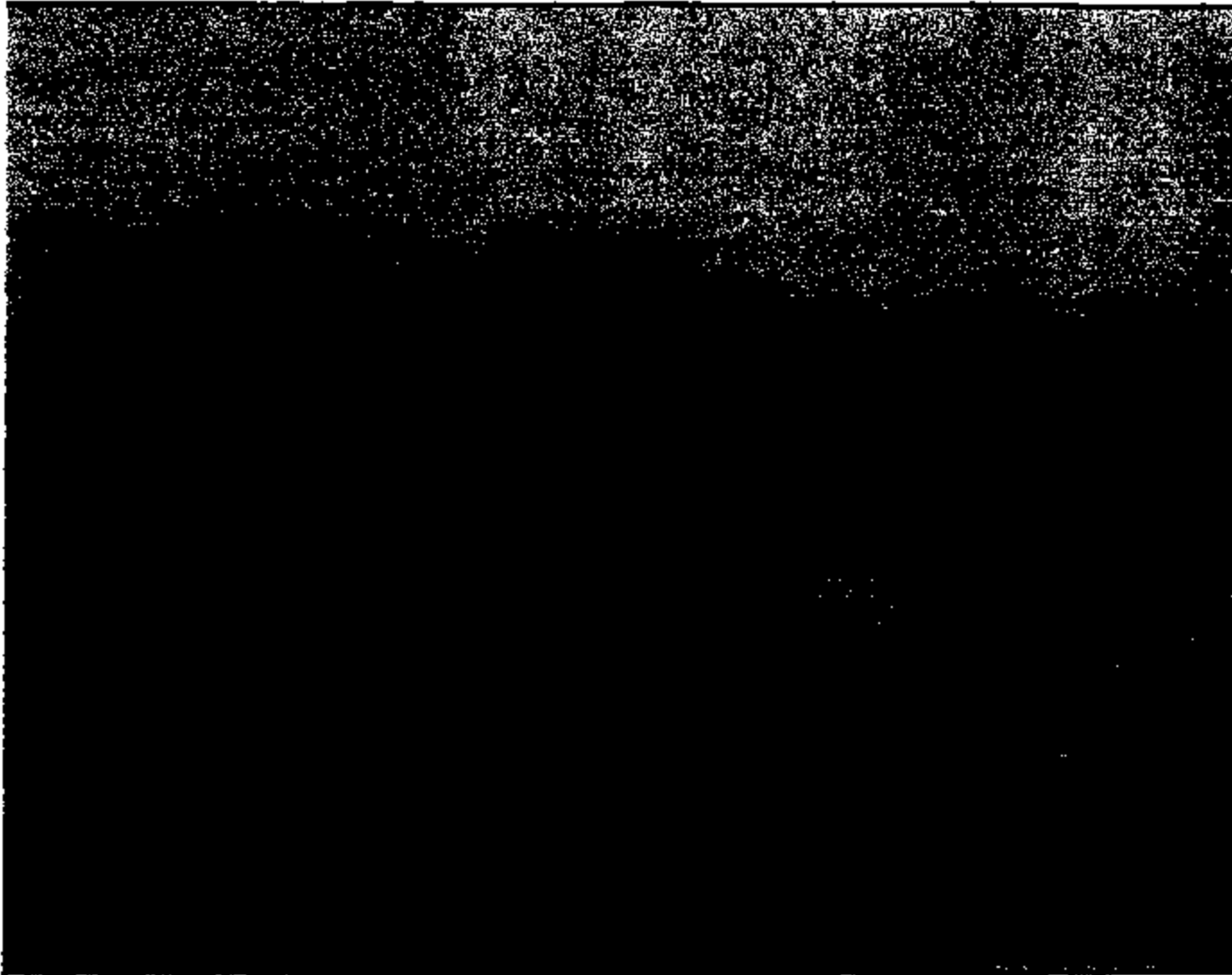


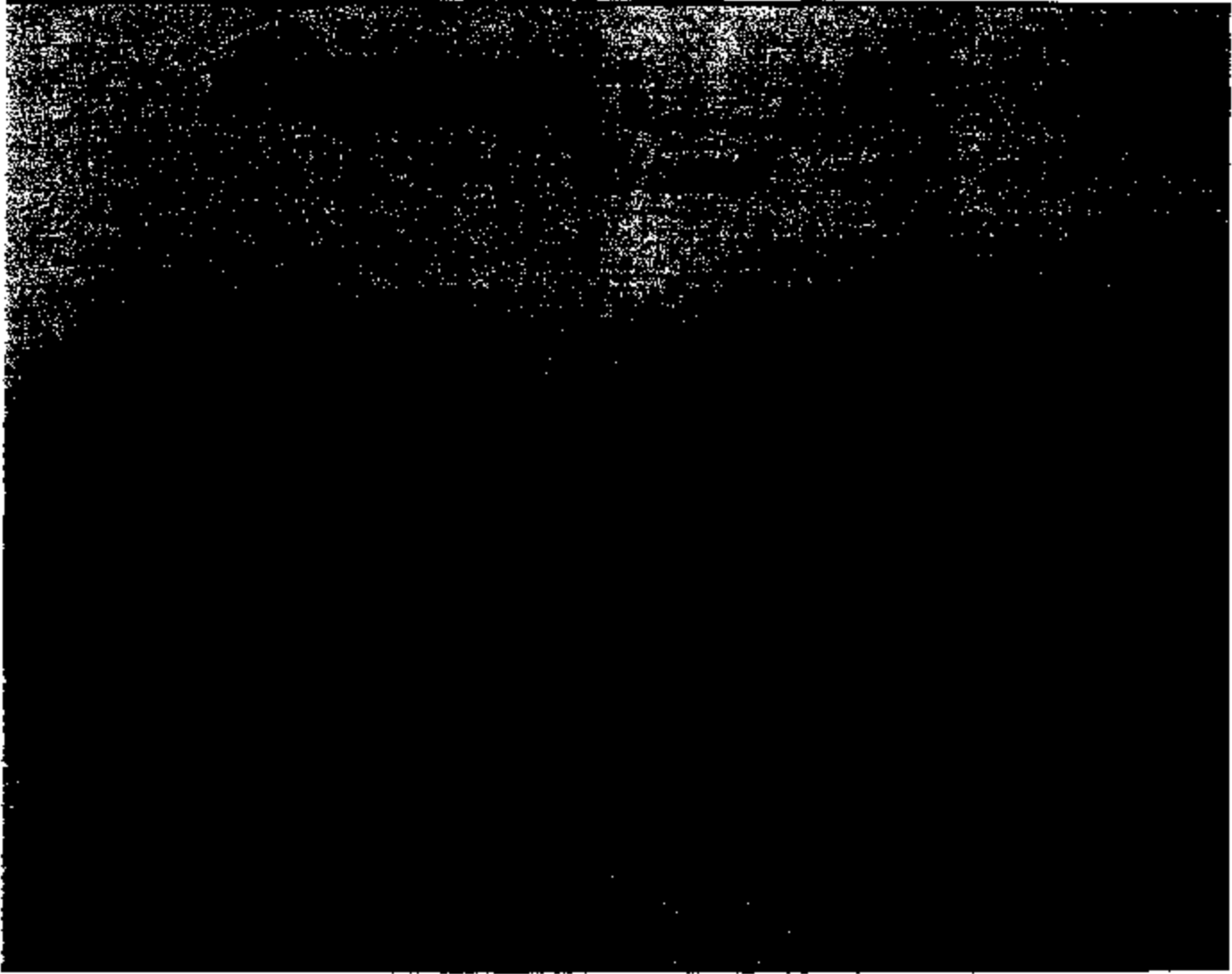






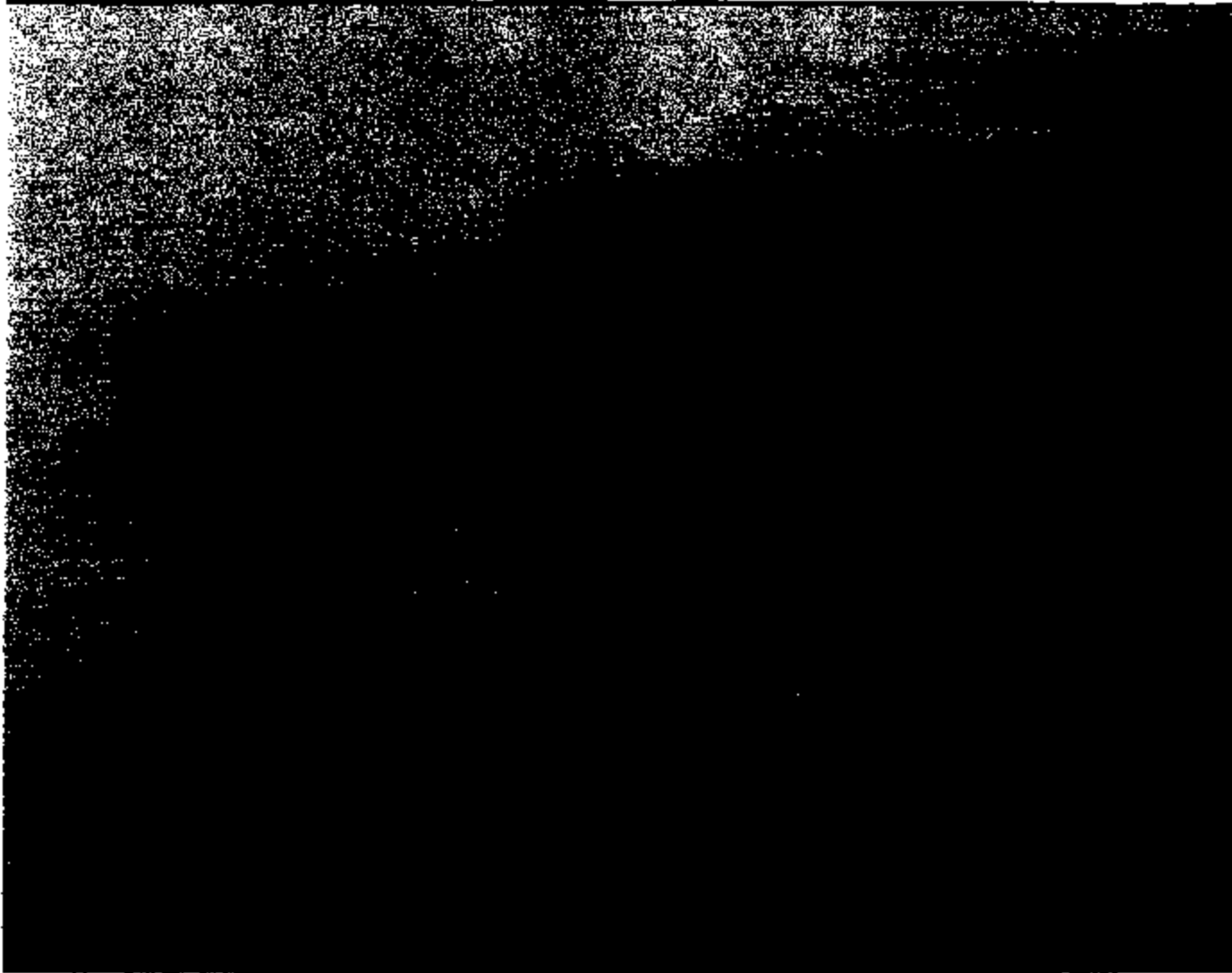
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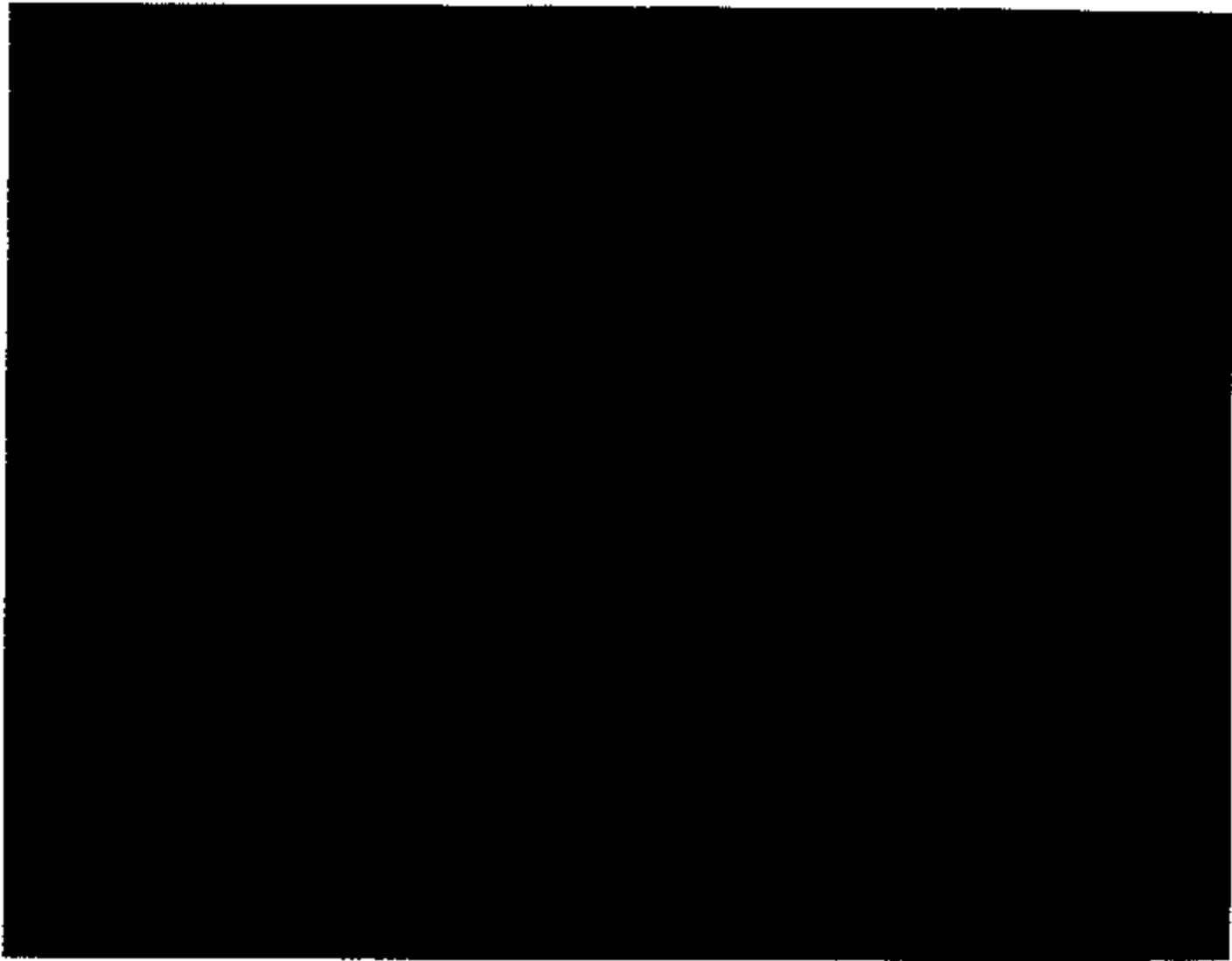




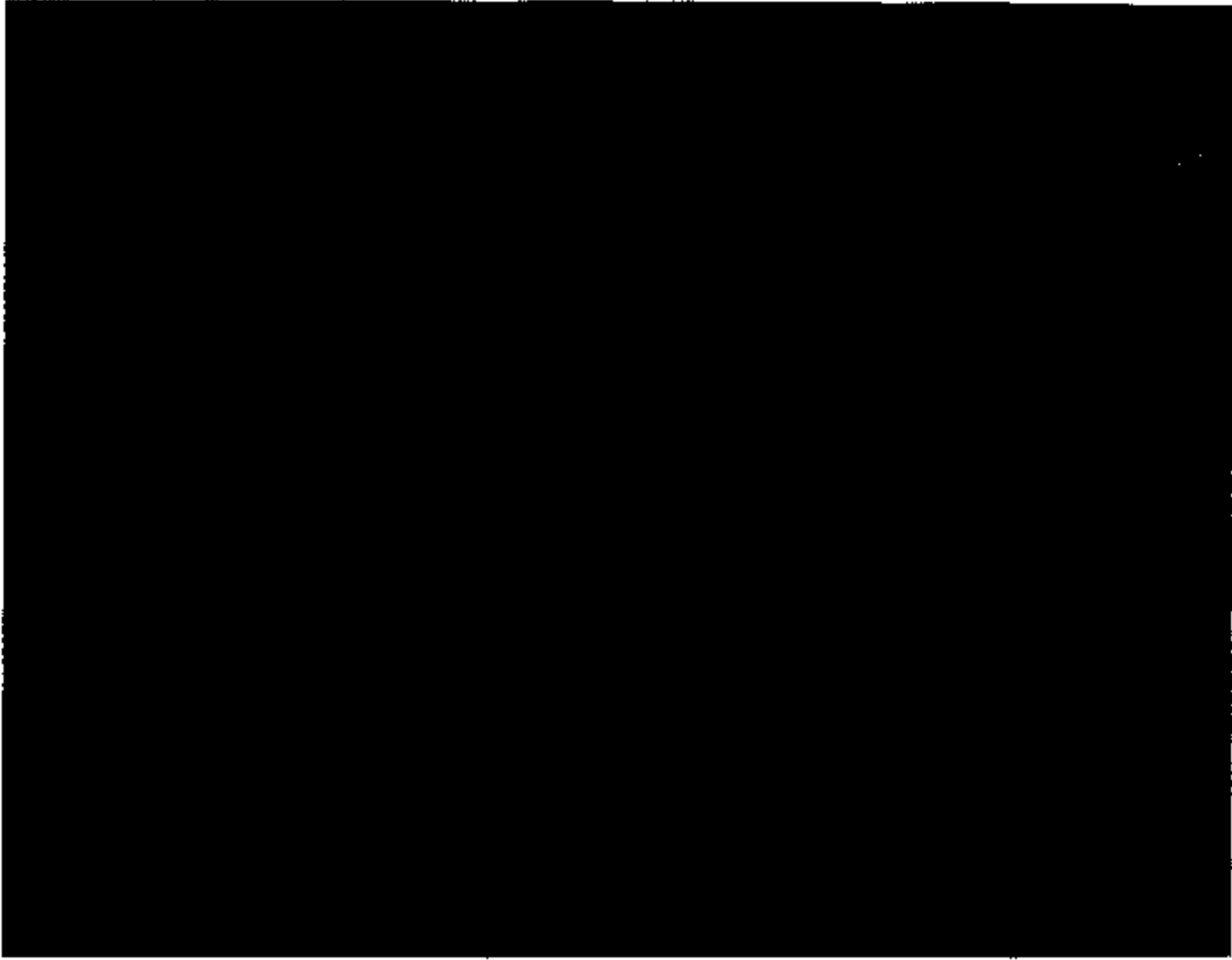
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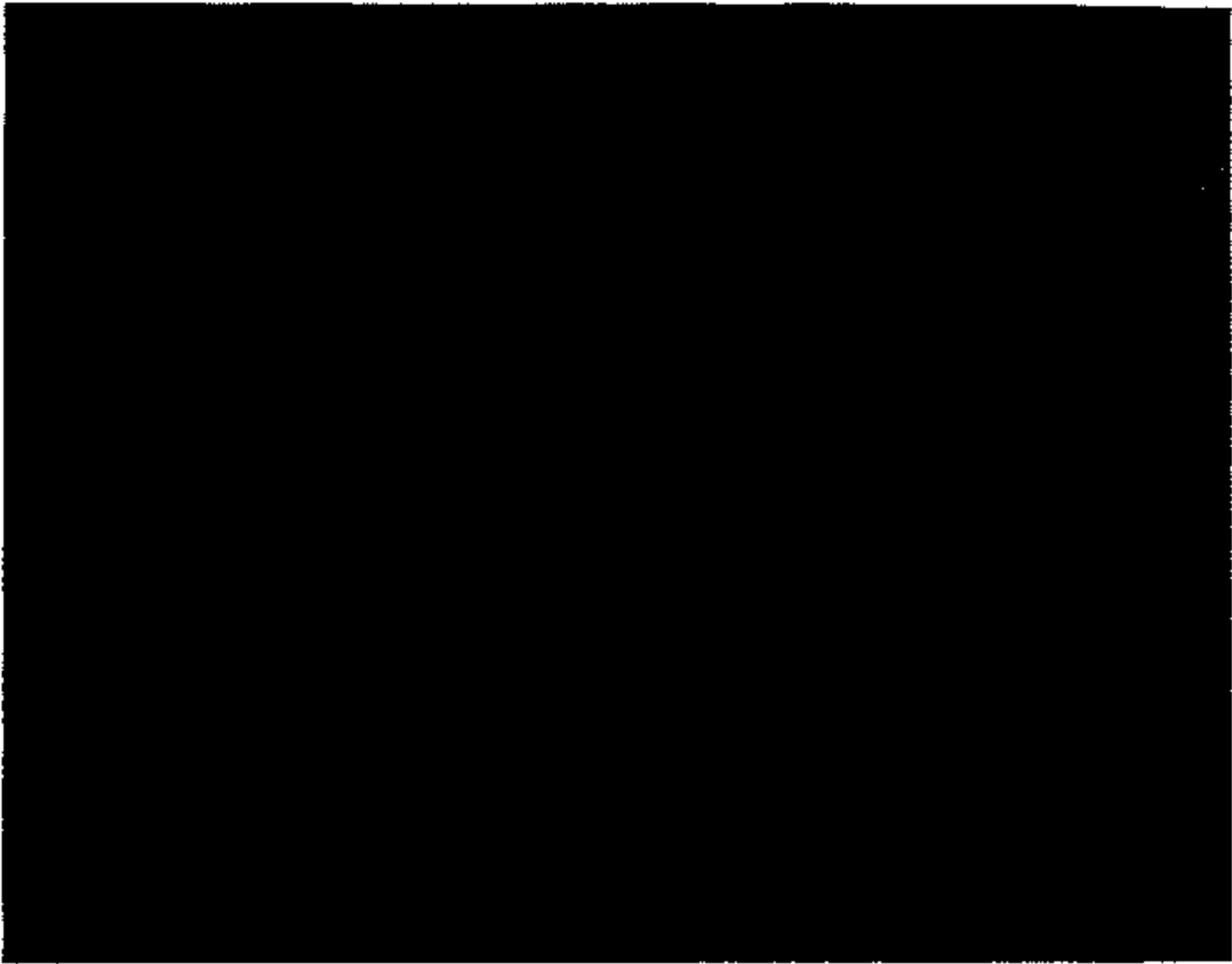
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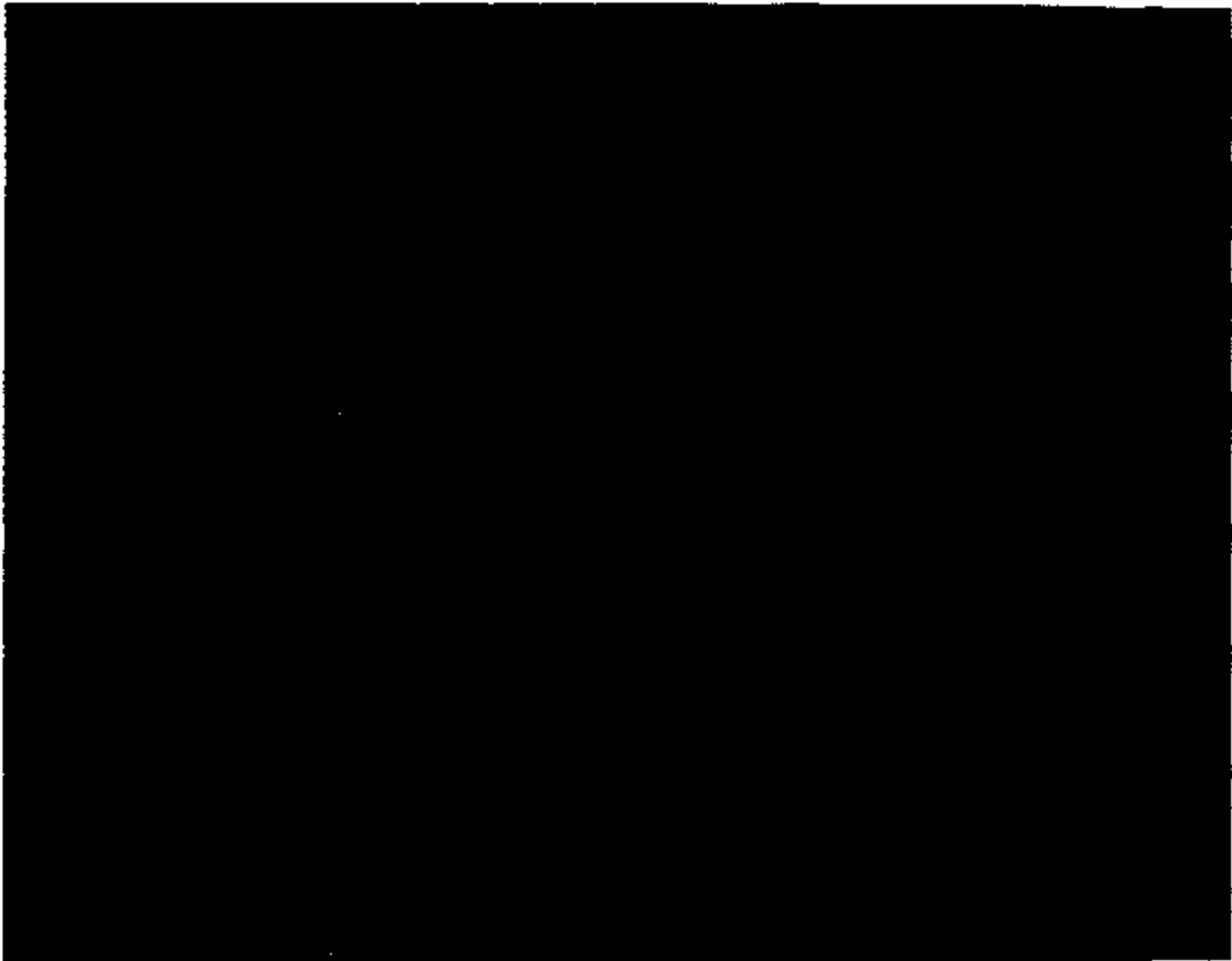


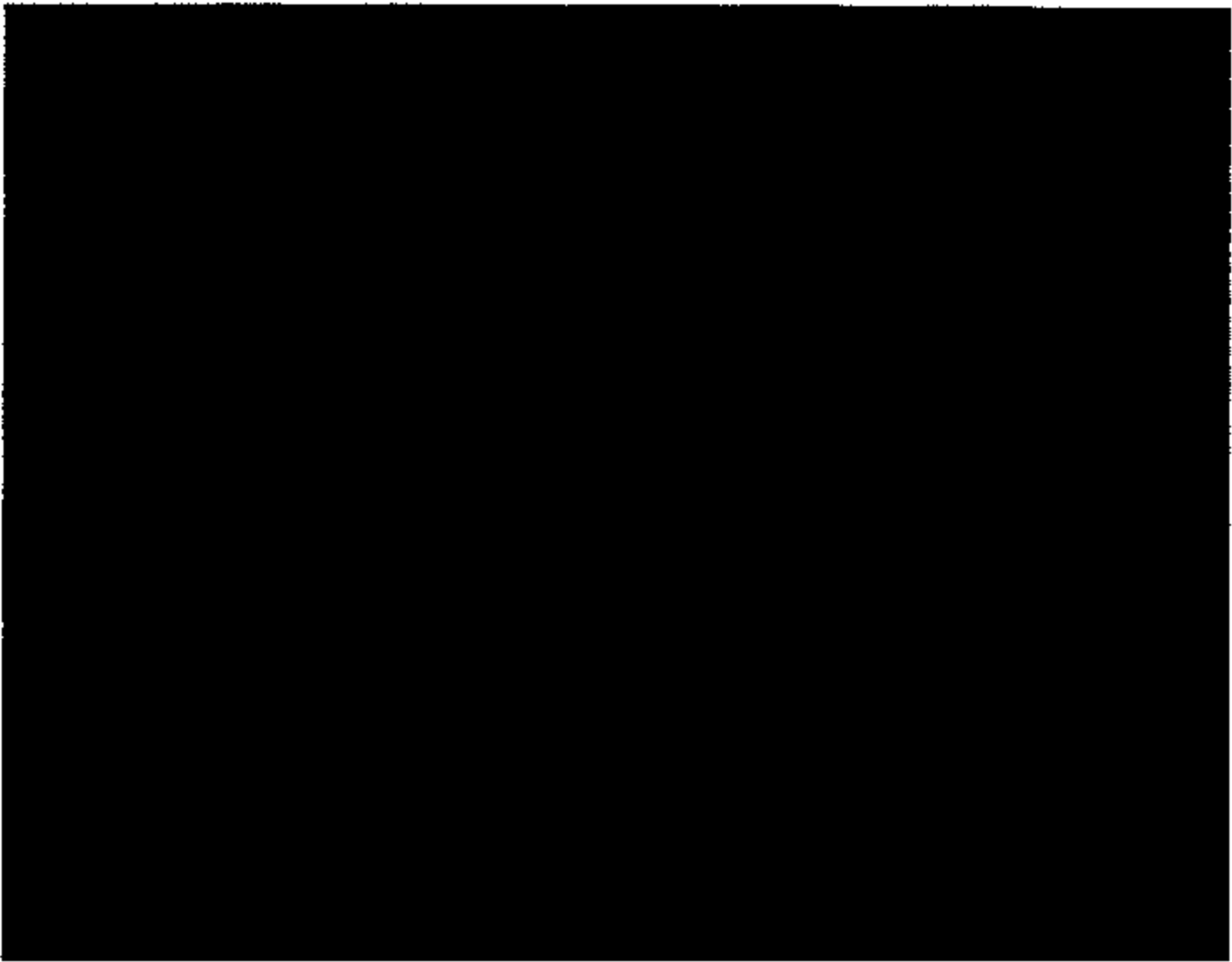


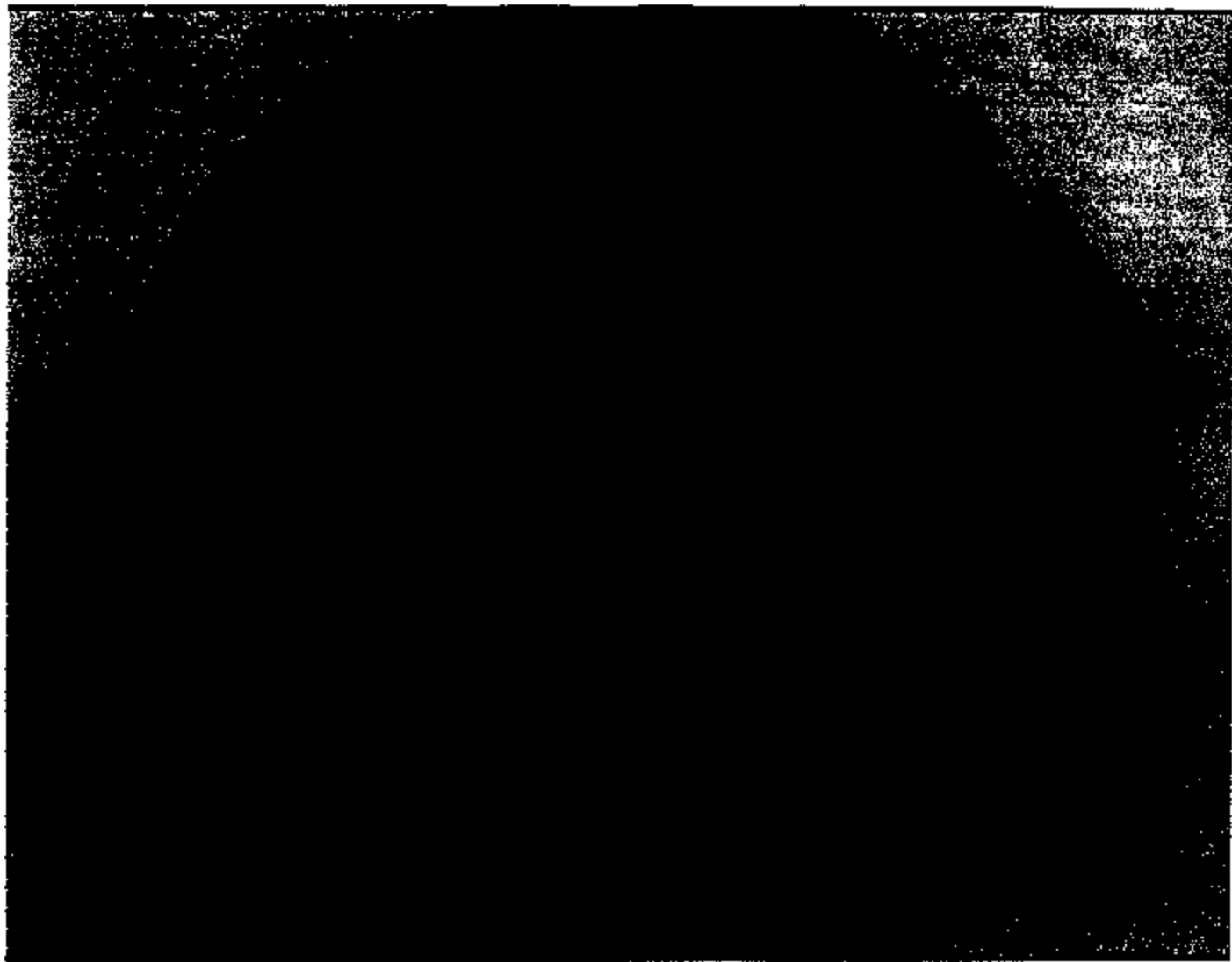


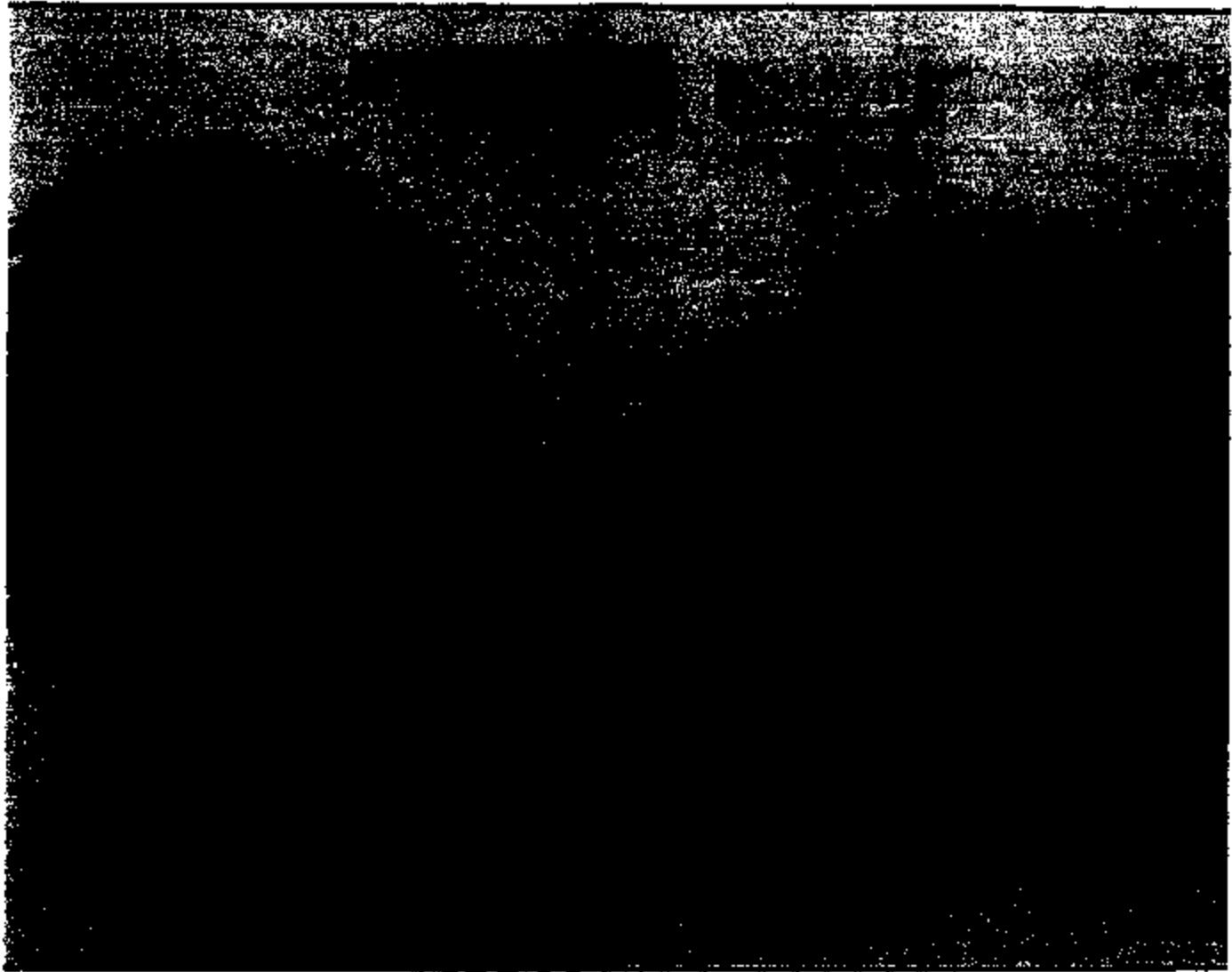


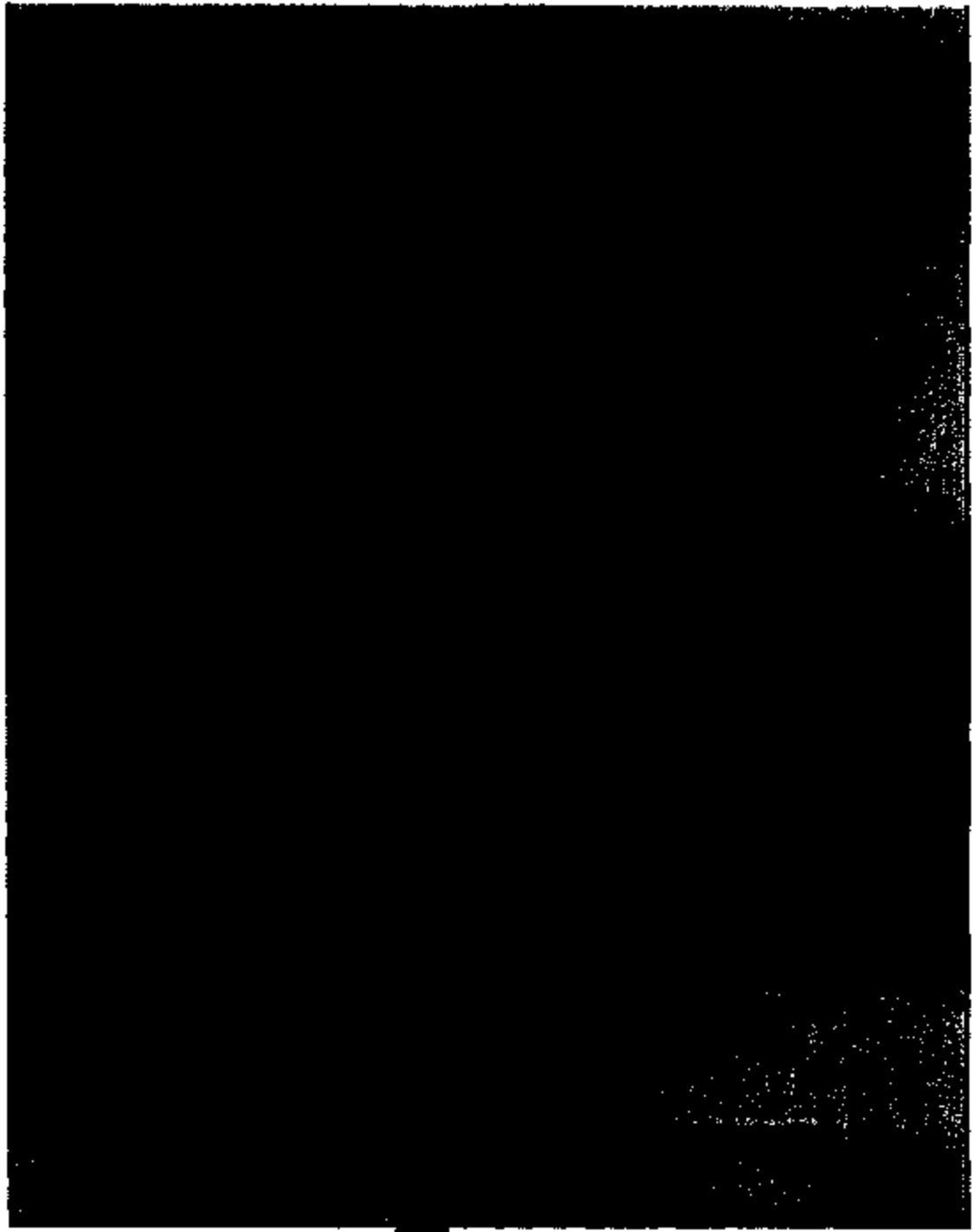






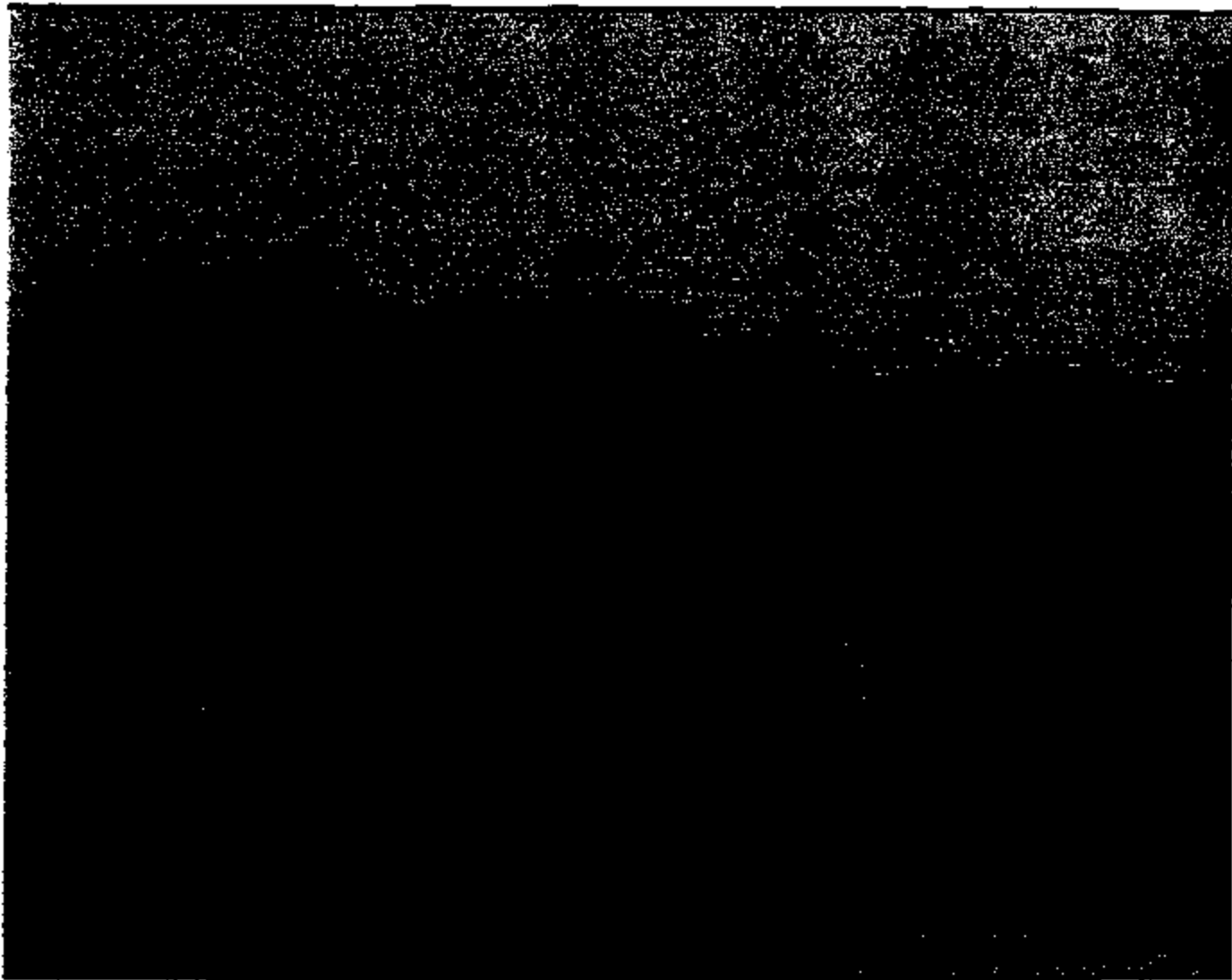


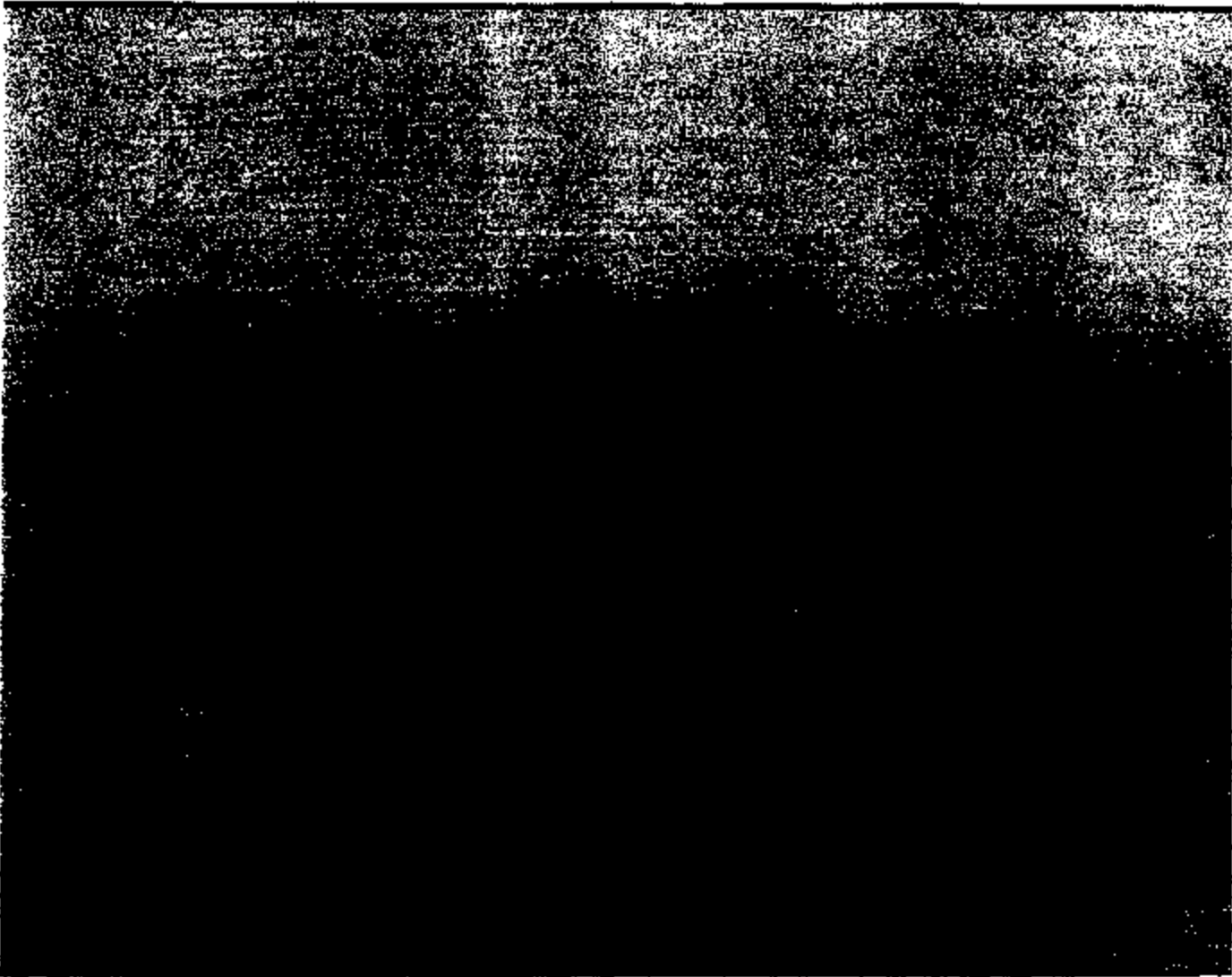




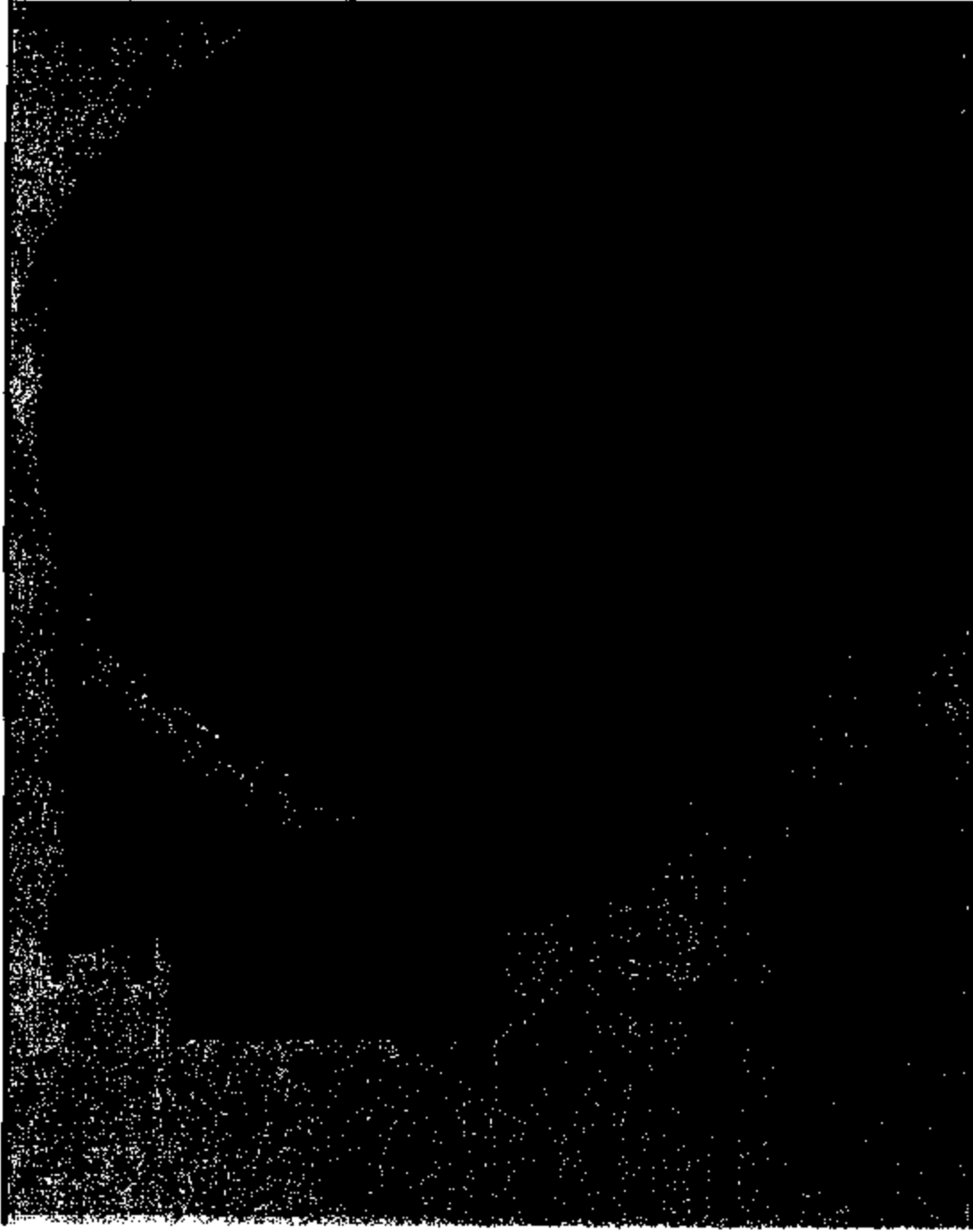






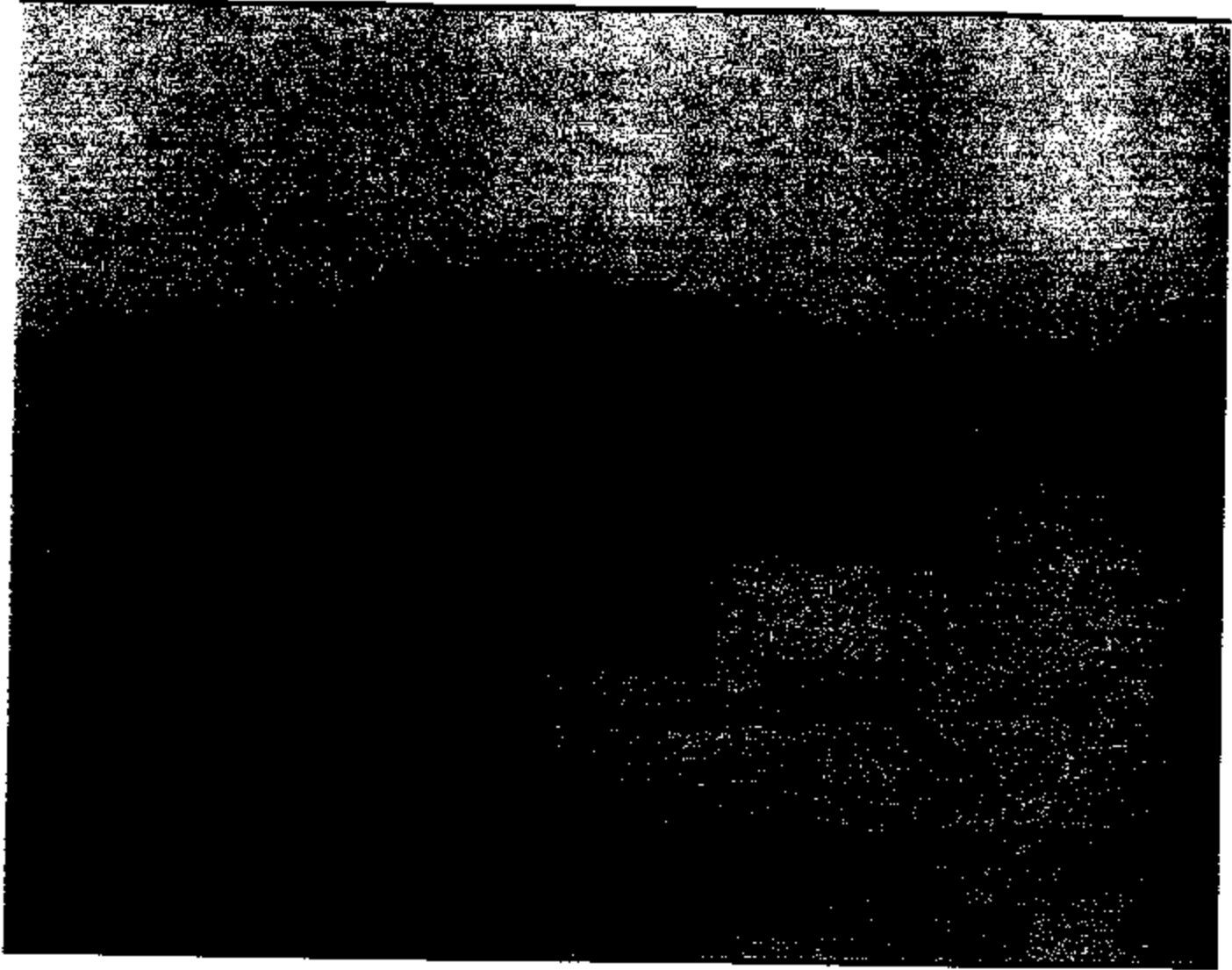


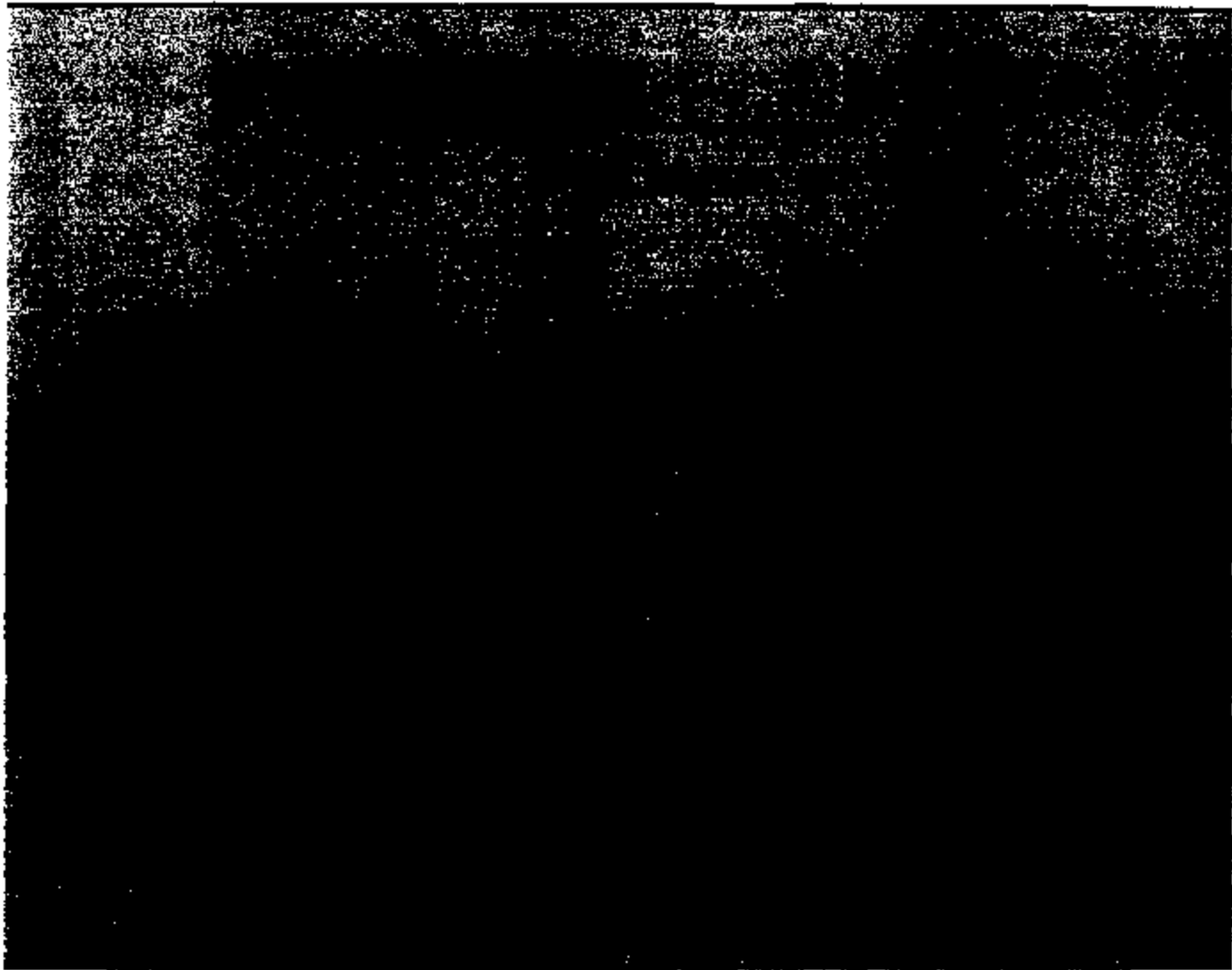


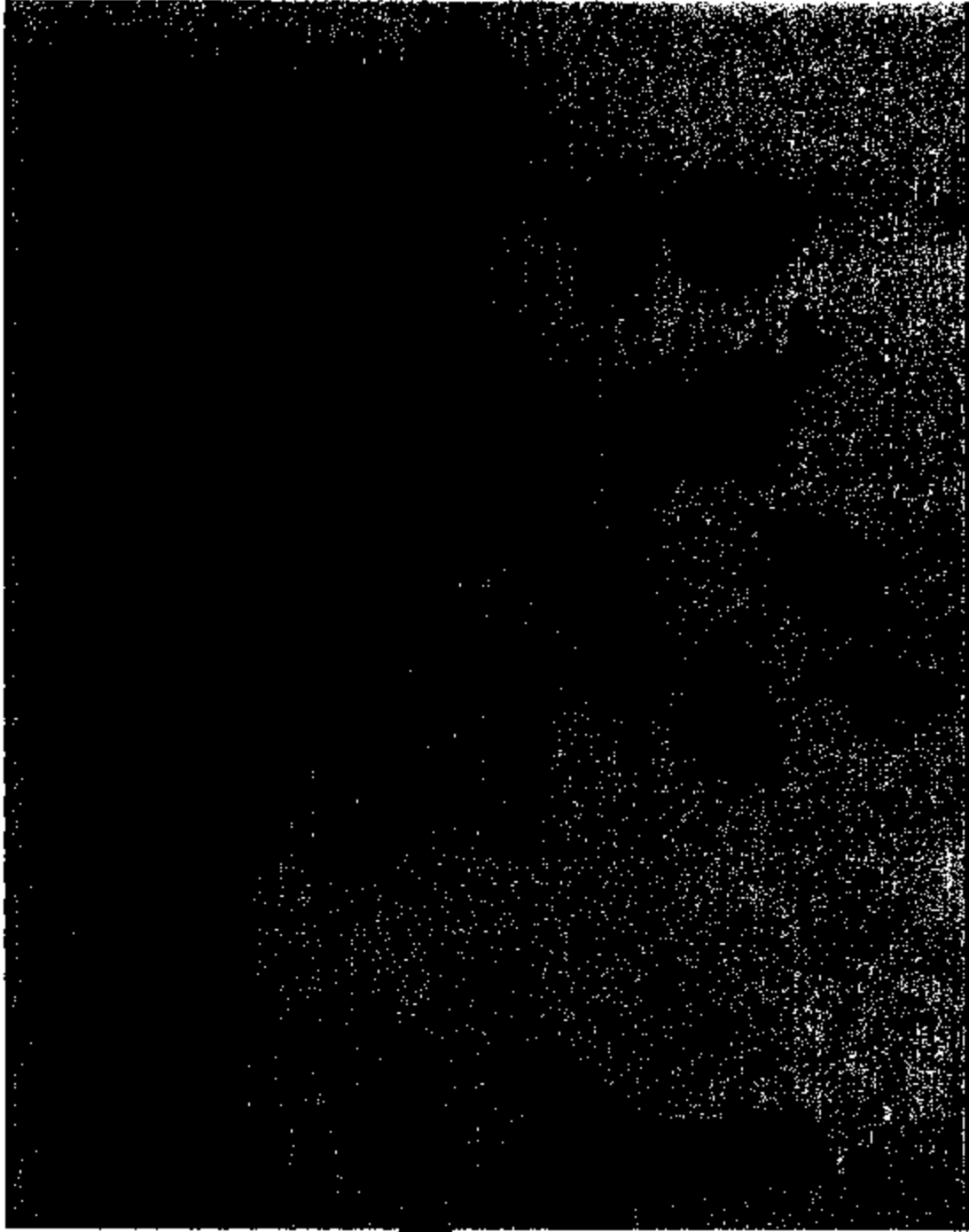


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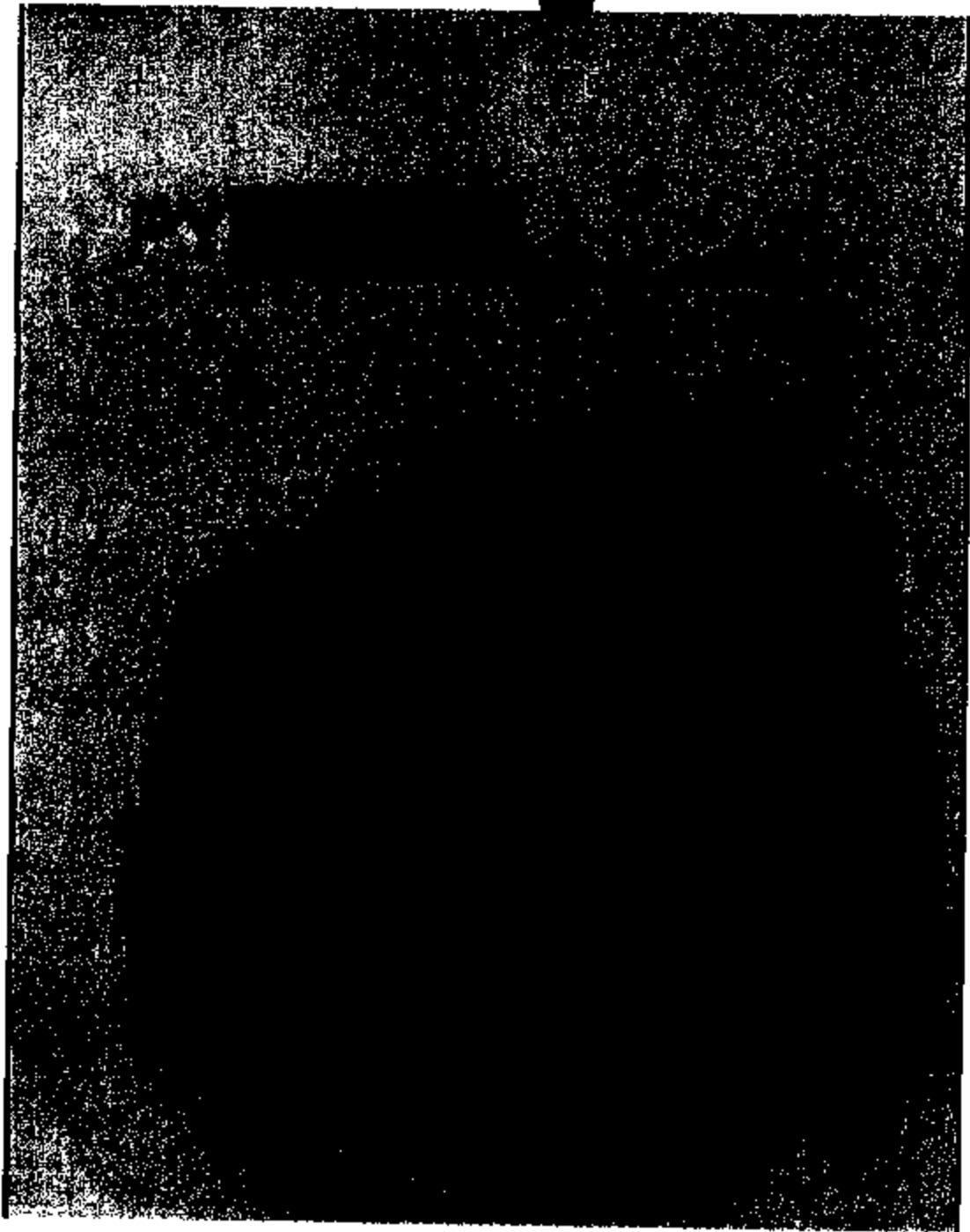




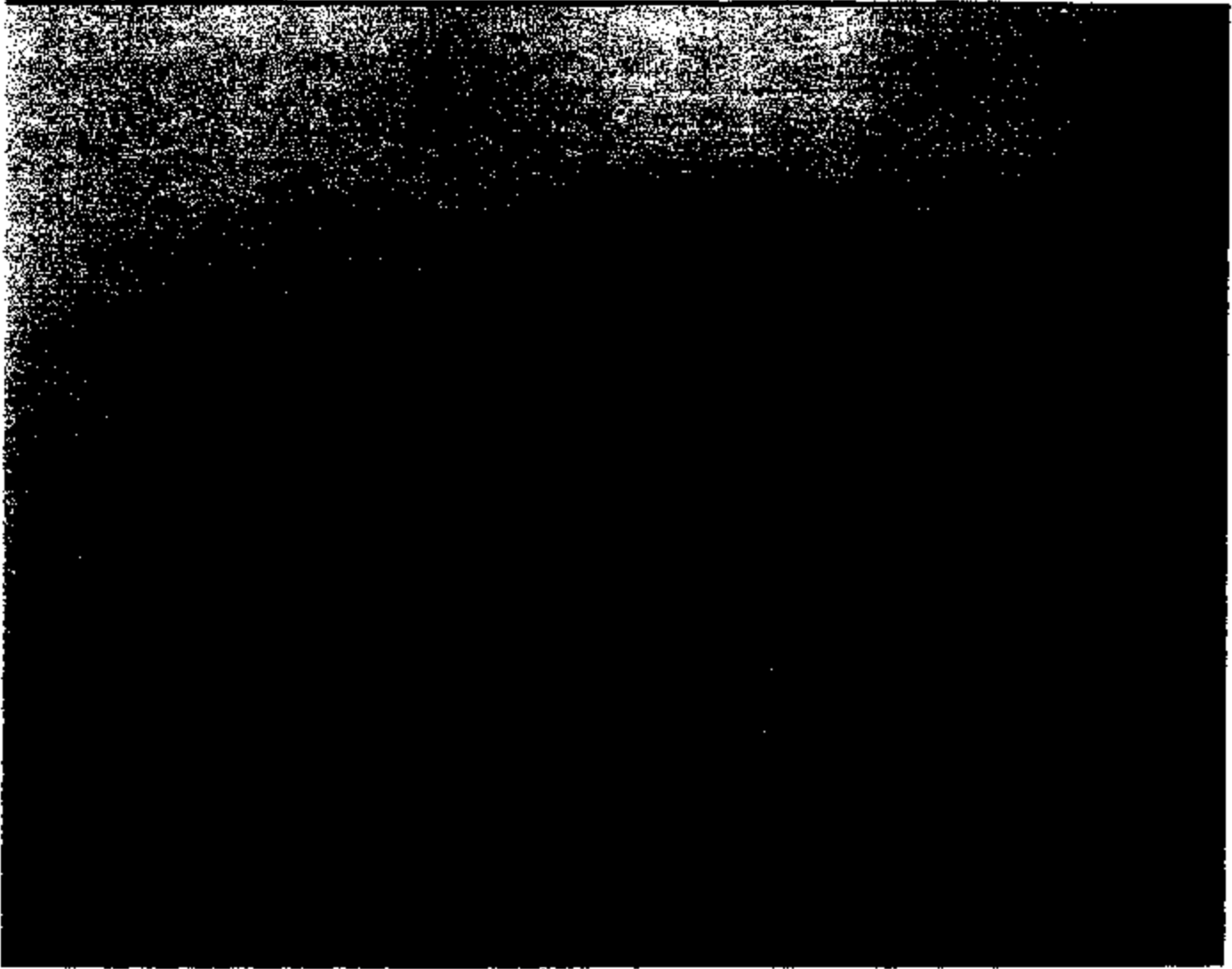


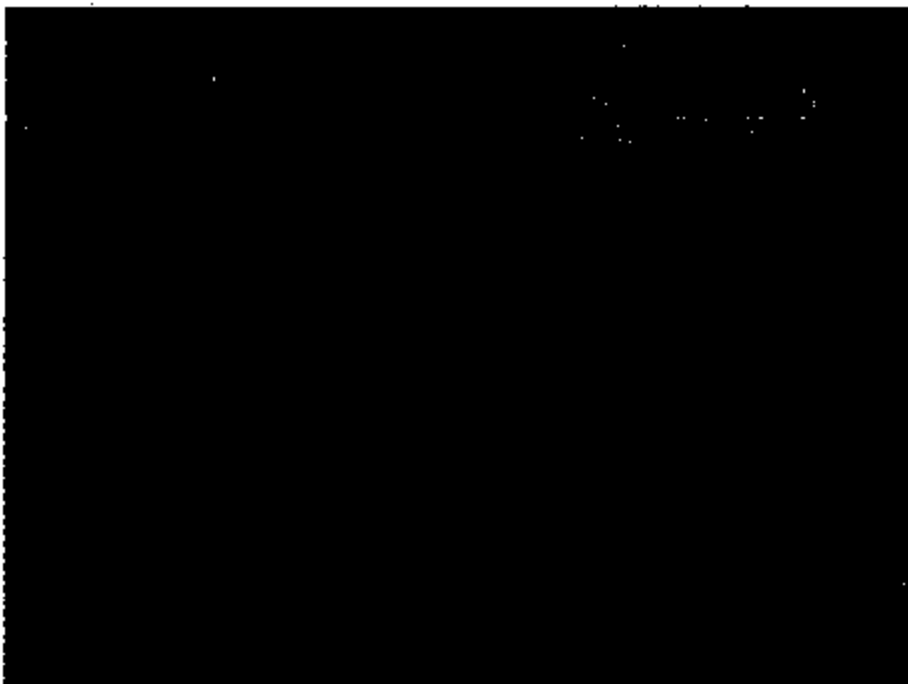
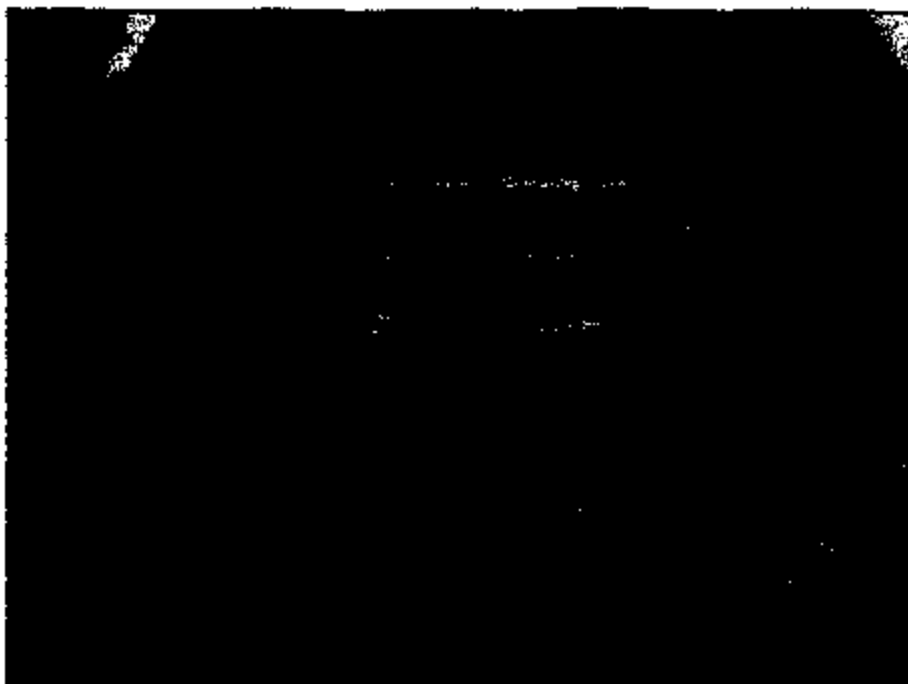
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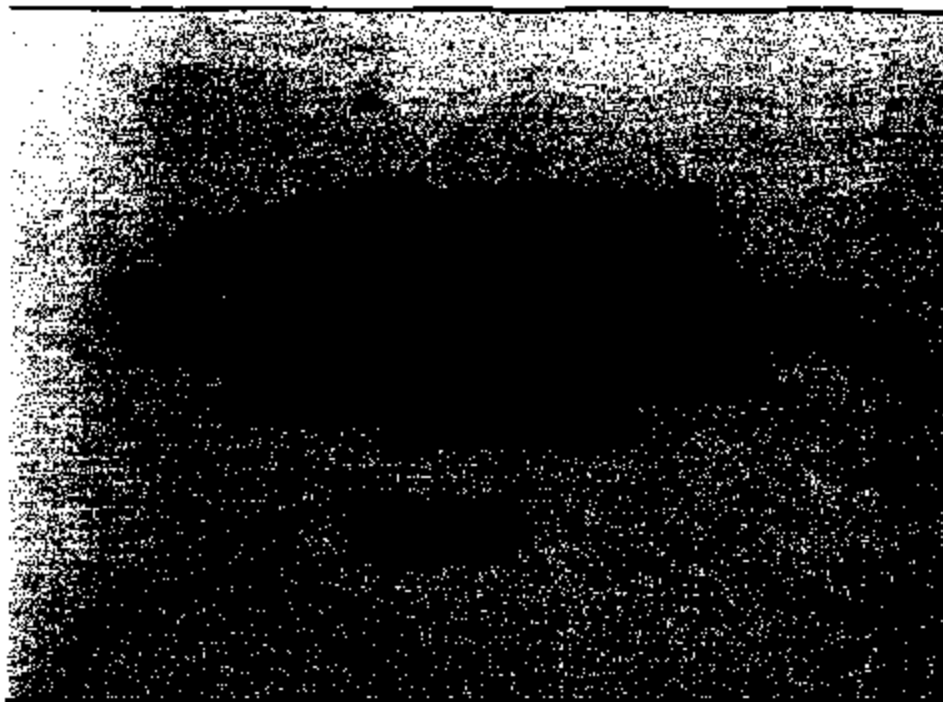
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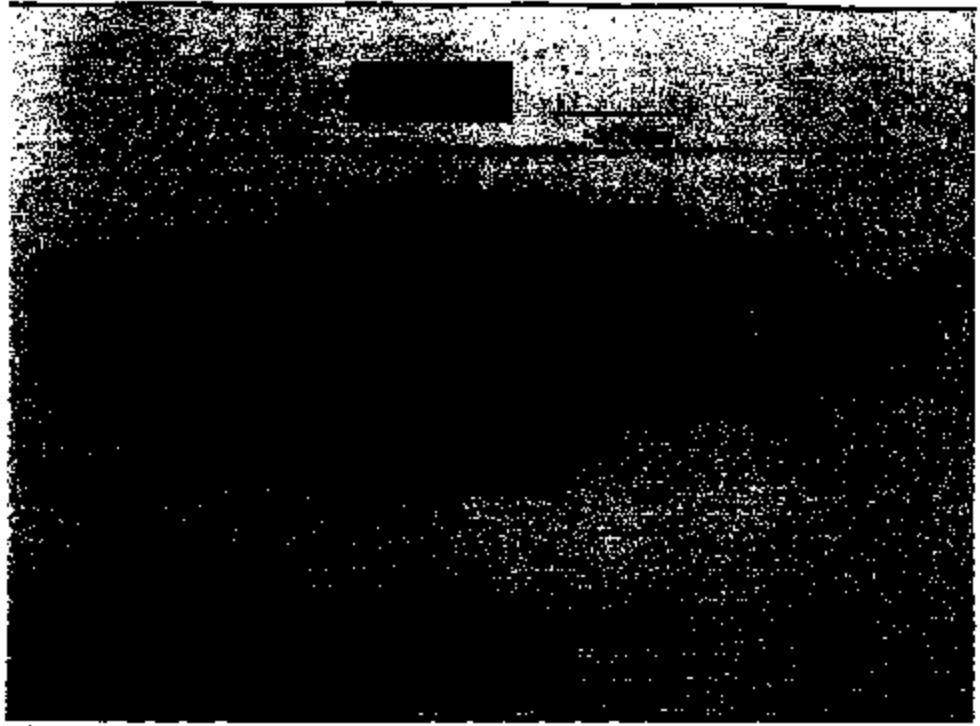




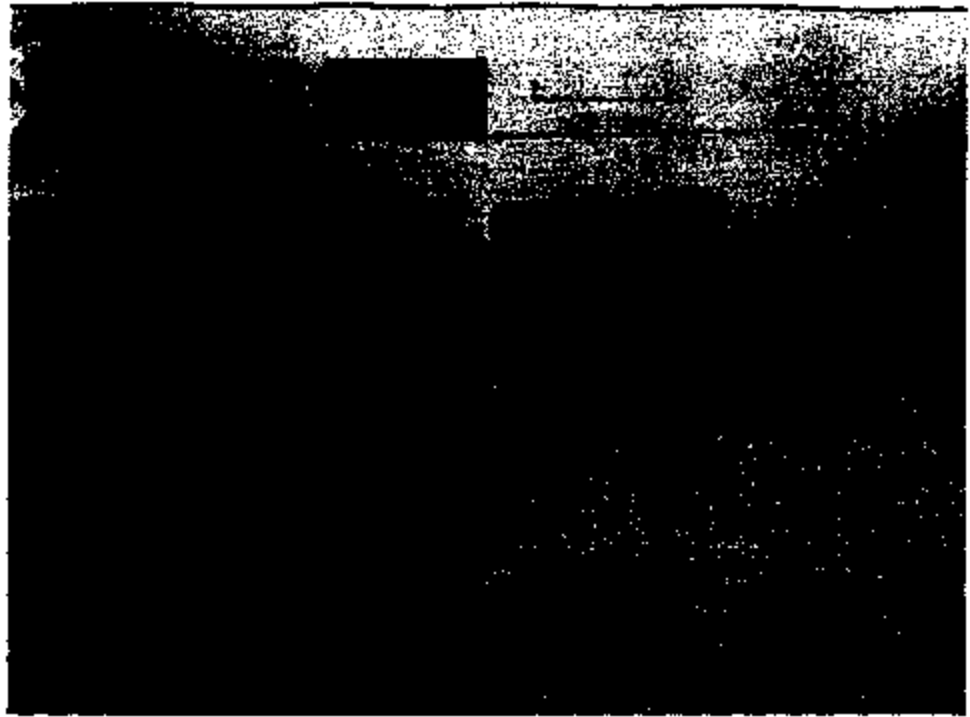


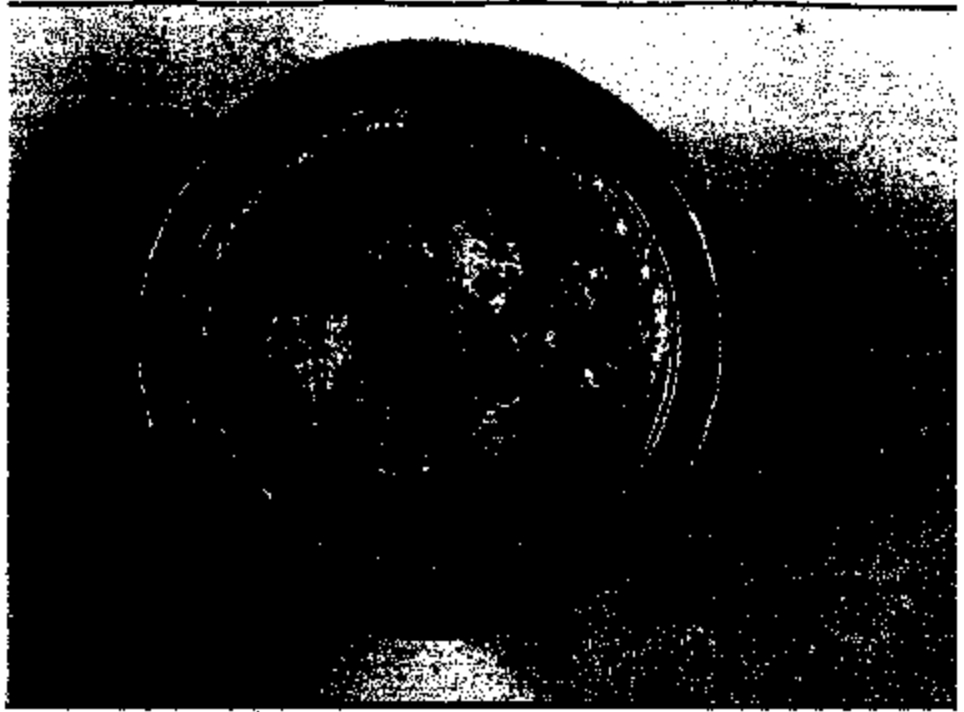


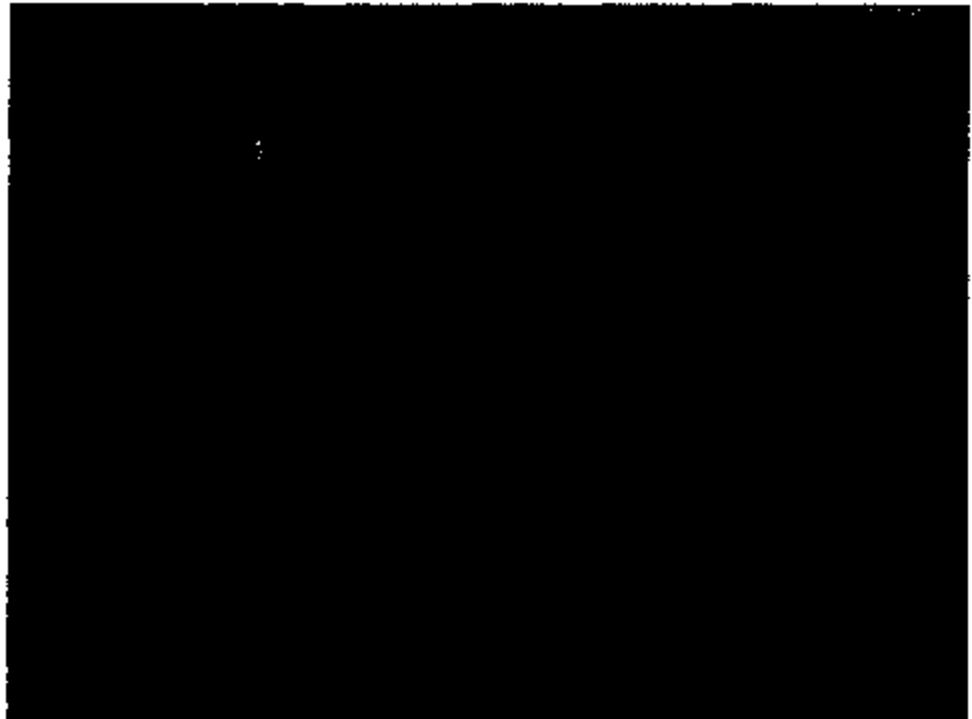




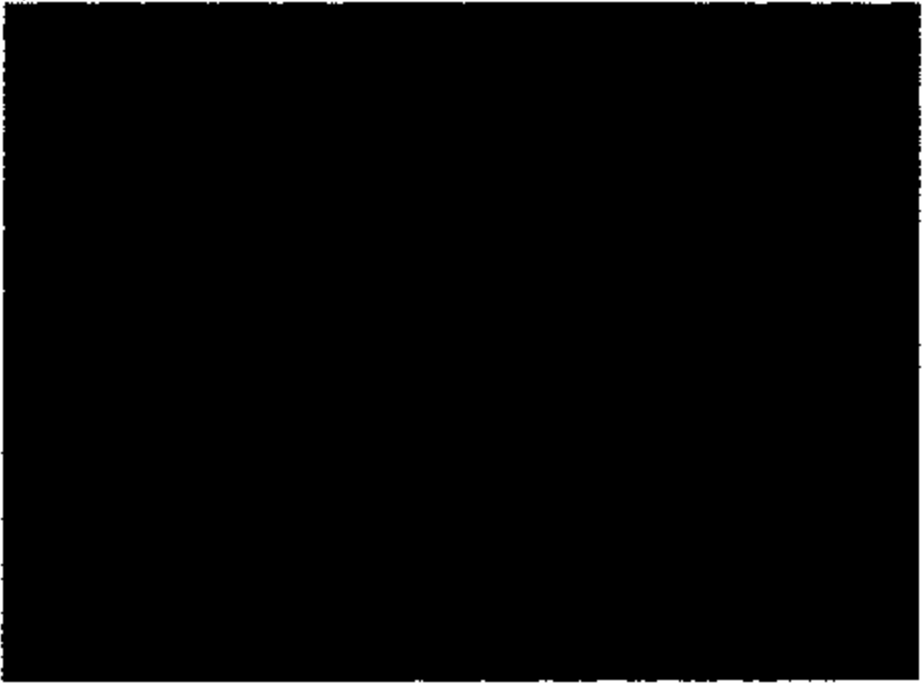
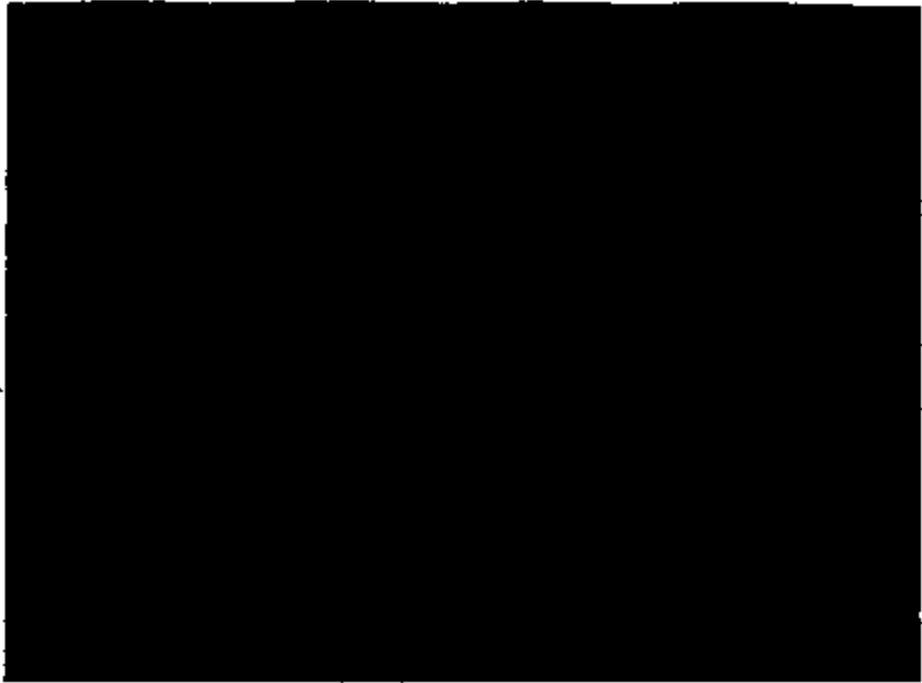


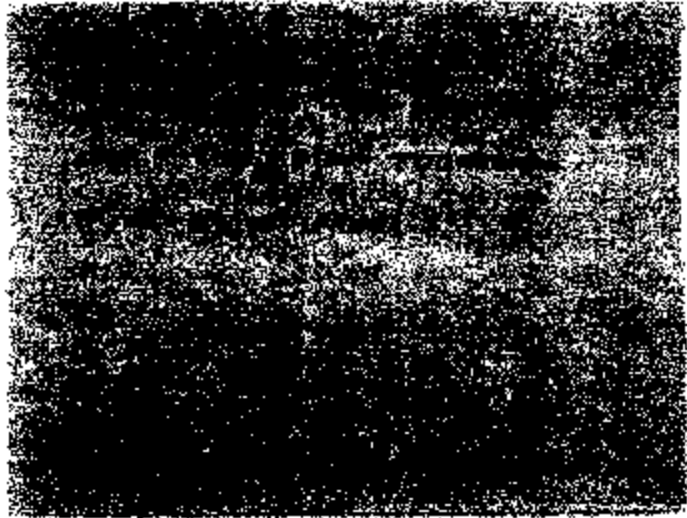












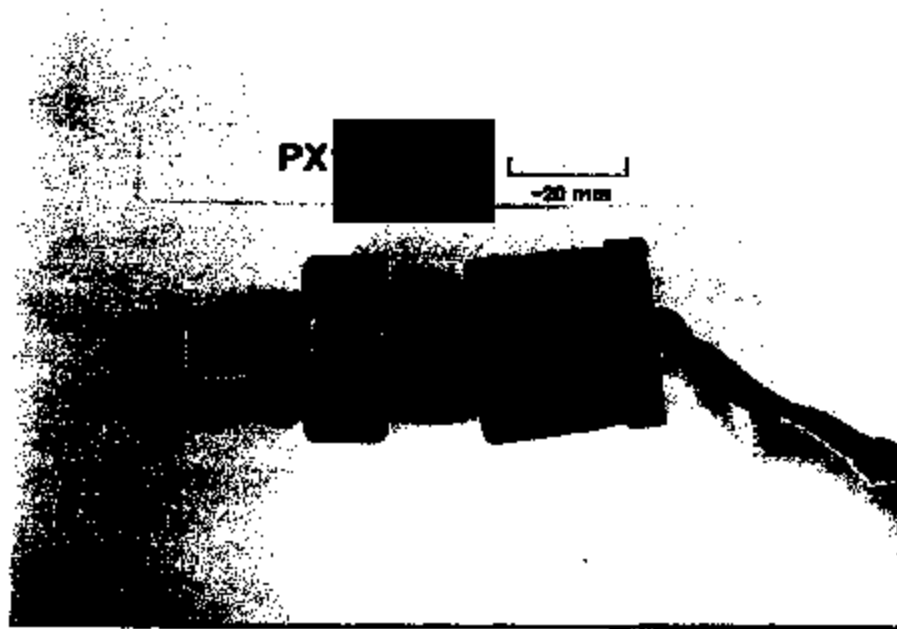


Figure 1: PX 

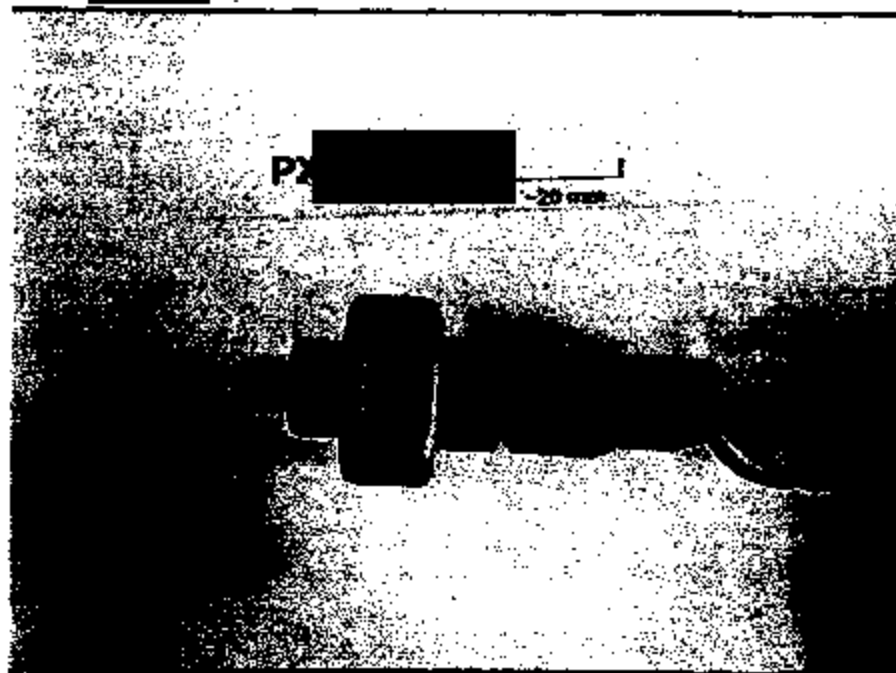


Figure 2: PX153920.

Note: Nominal magnifications given for photomicrographs.

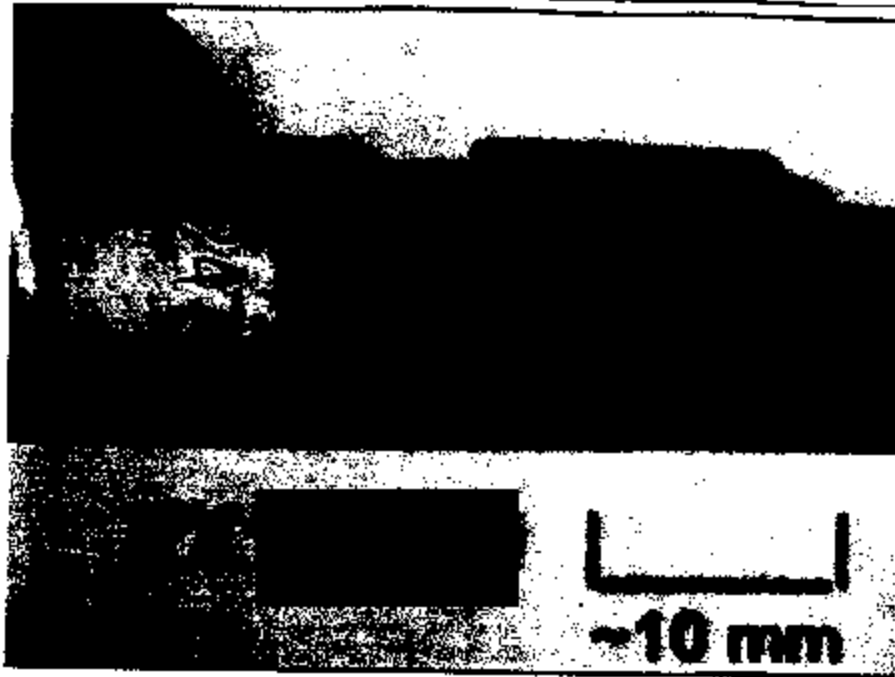


Figure 3: PX [redacted]

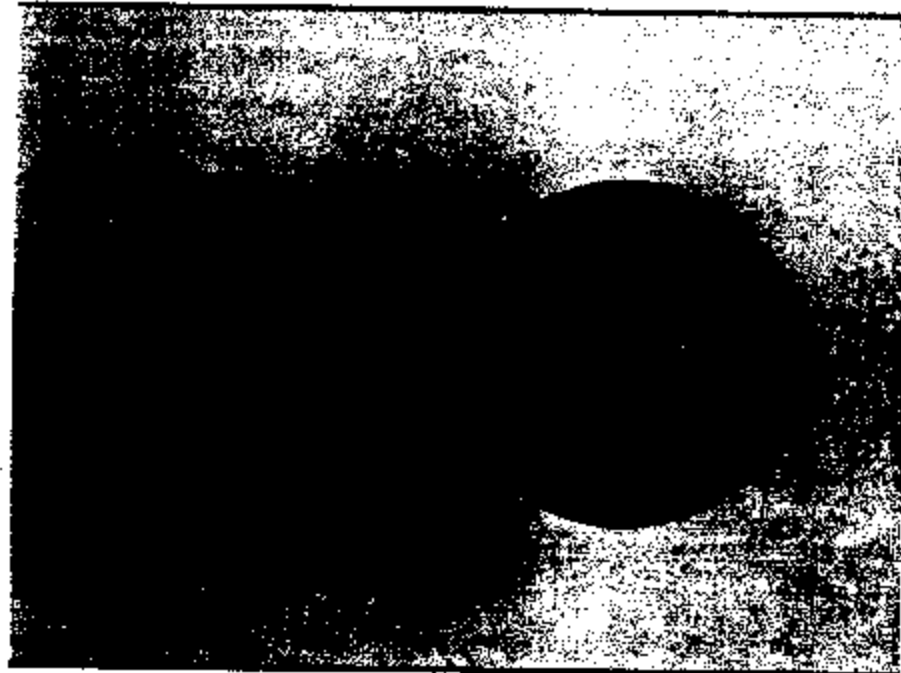


Figure 4: PX [redacted]

Note: Nominal magnifications given for photomicrographs.

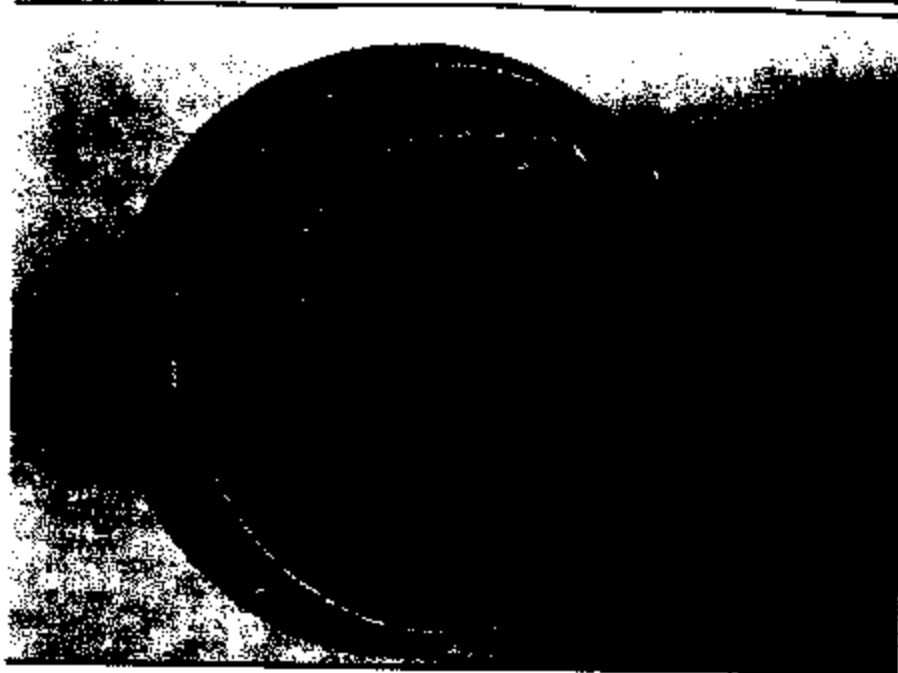


Figure 5: PX

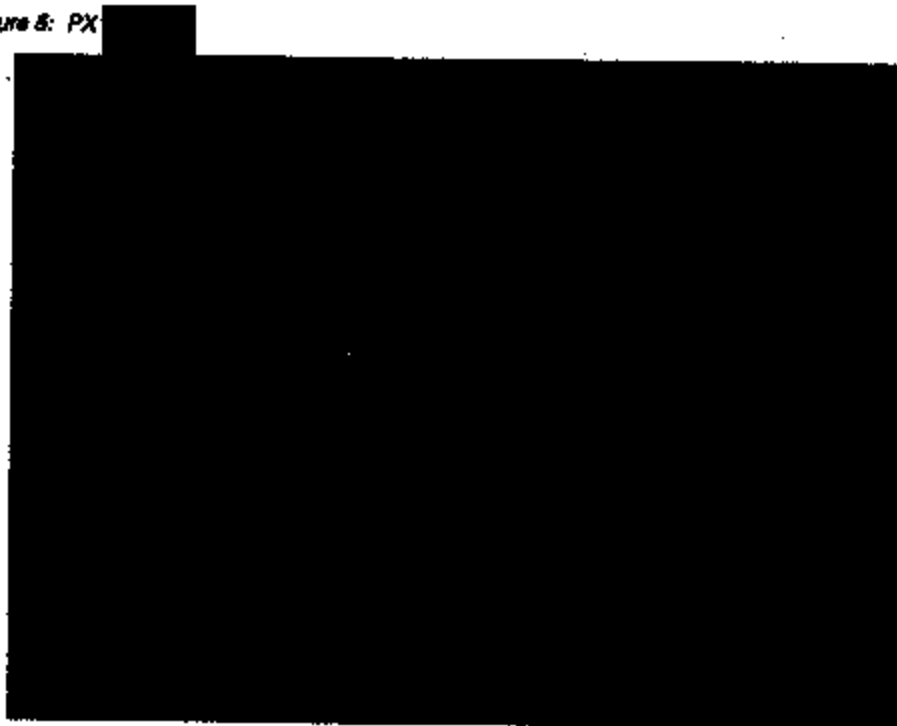


Figure 6: P

Note: Nominal magnifications given for photomicrographs.



Figure 7: PX [redacted]

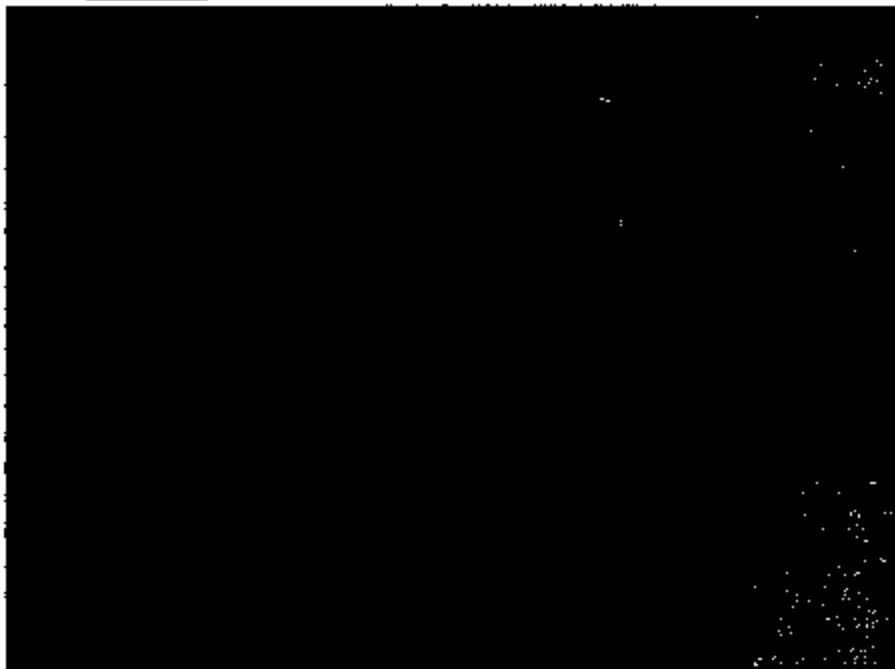


Figure 8: PX [redacted]

Note: Nominal magnifications given for photomicrographs.

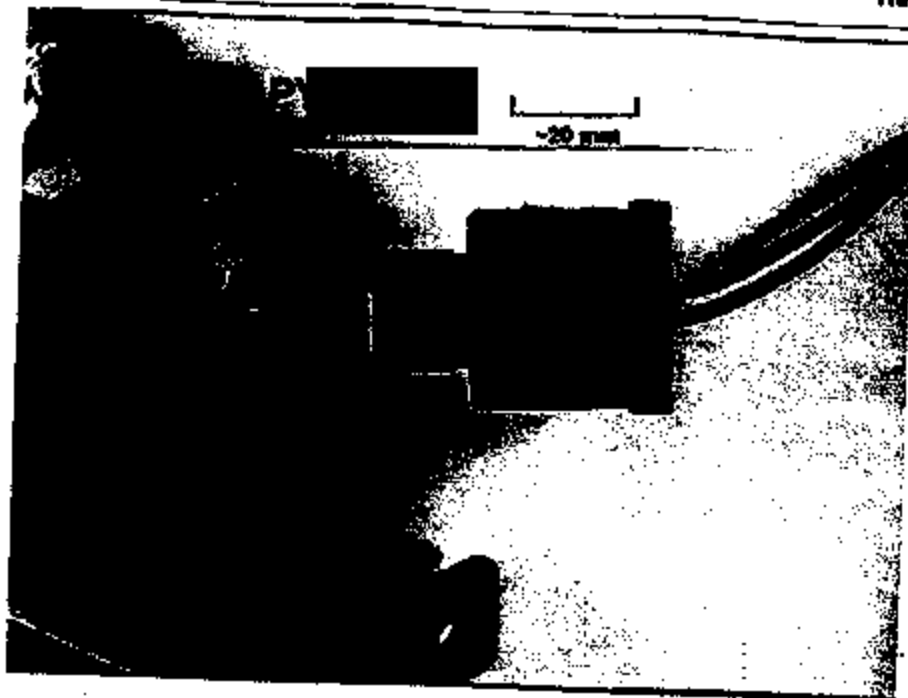



Figure 9: PY 



Figure 10: PY 

Note: Nominal magnifications given for photomicrographs.



Figure 11: PY [redacted]

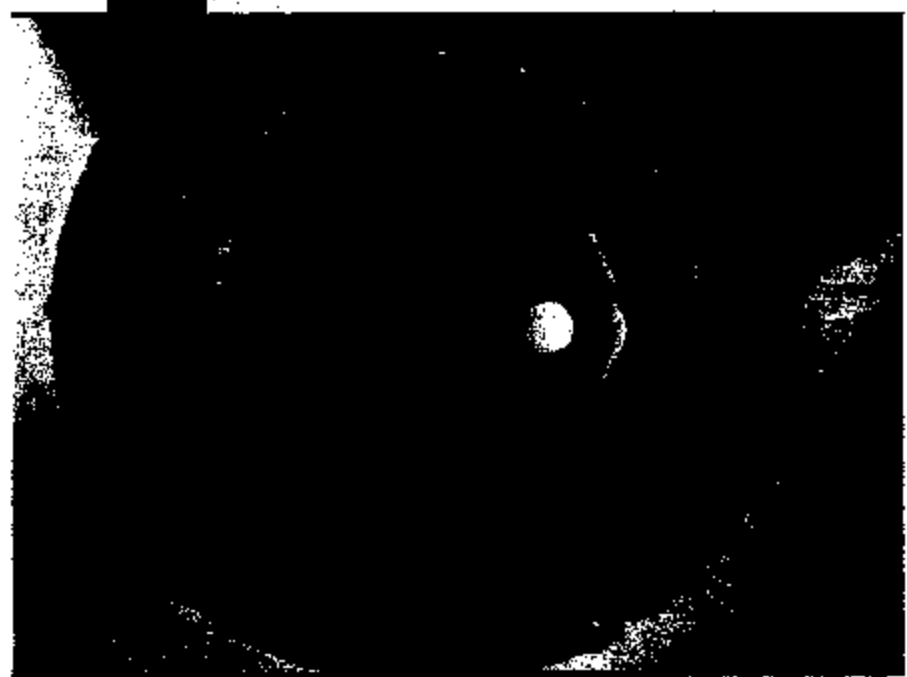


Figure 12: PY [redacted]

Note: Nominal magnifications given for photomicrographs.





Figure 13: P[REDACTED]

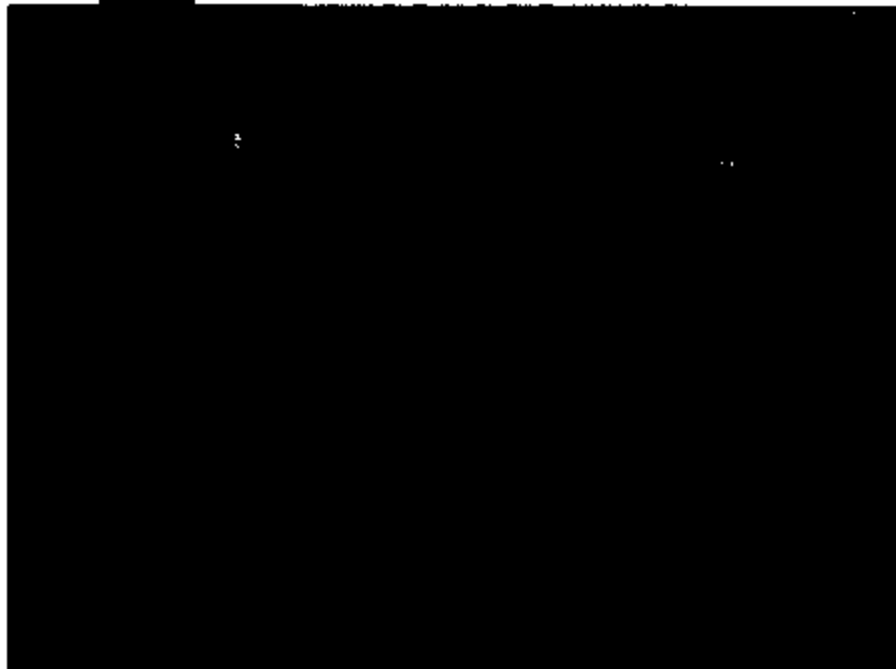


Figure 14: P[REDACTED]

Note: Nominal magnifications given for photomicrographs.



Figure 15: PX [redacted] fluid side.



Figure 16: PX [redacted] fluid side.

Note: Nominal magnifications given for photomicrographs.

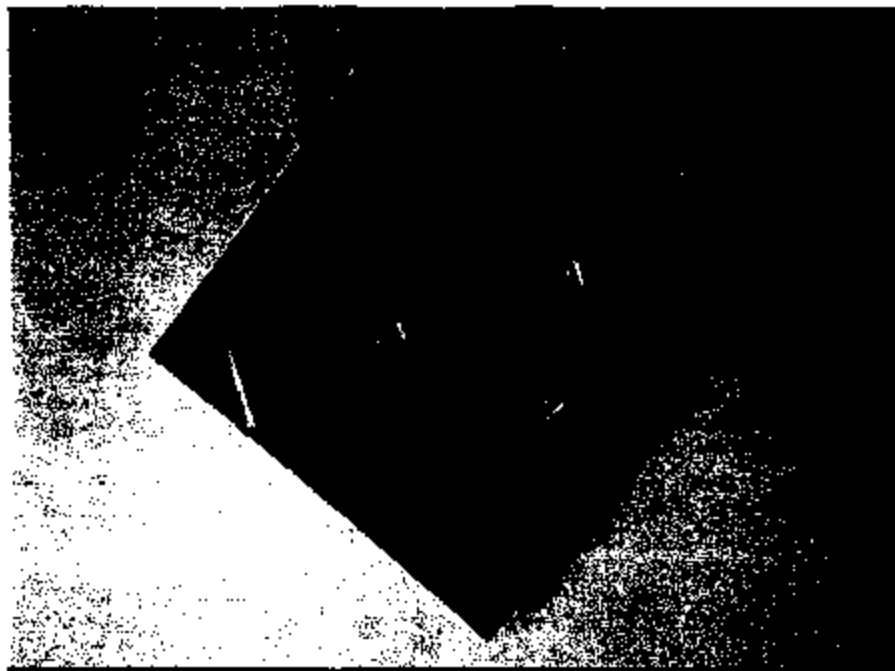


Figure 17: PX  eal 2.

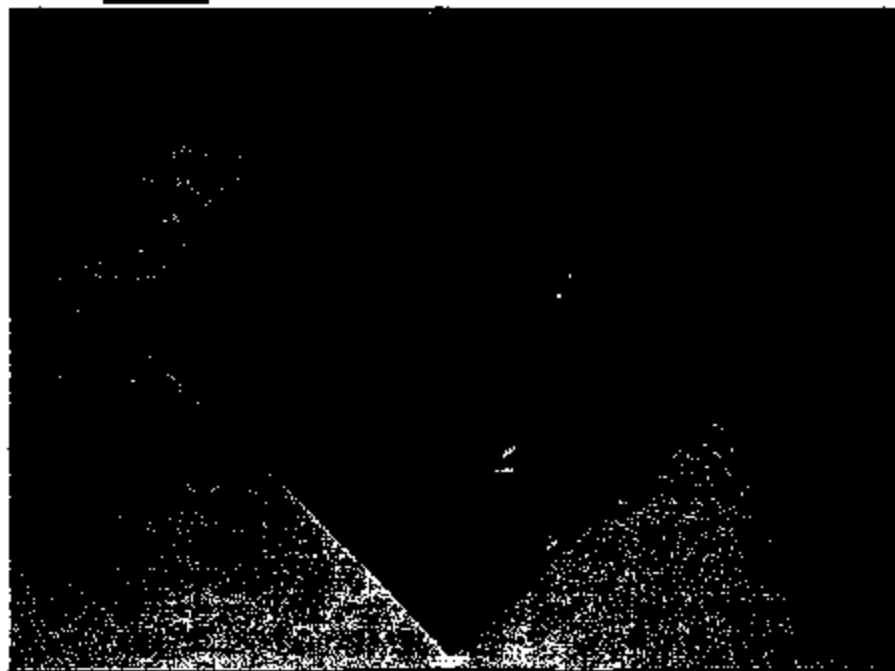


Figure 18: PX  eal 3.

Note: Nominal magnifications given for photomicrographs.

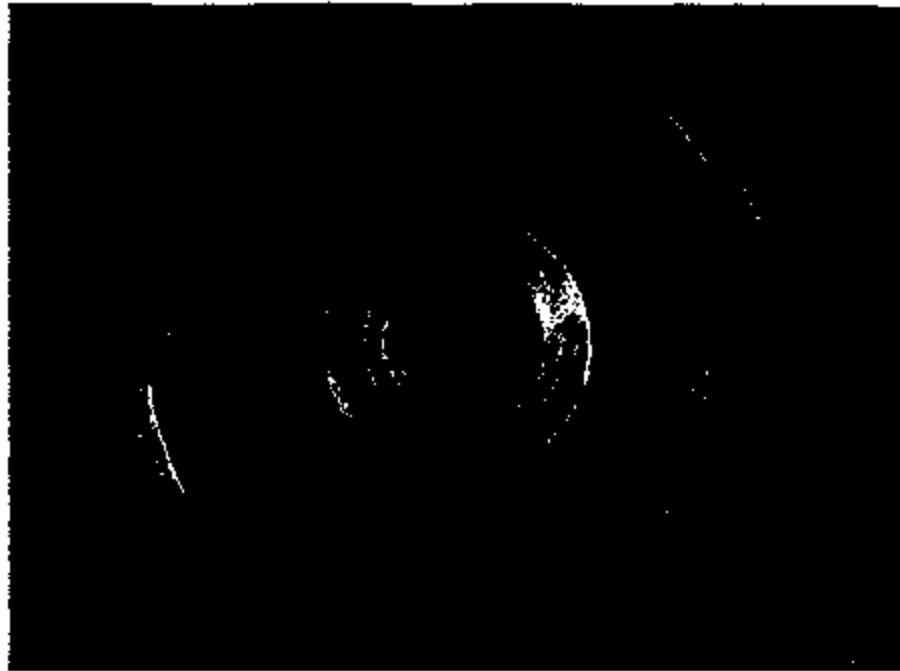


Figure 19: PX [redacted] cup, washer, converter, disc.

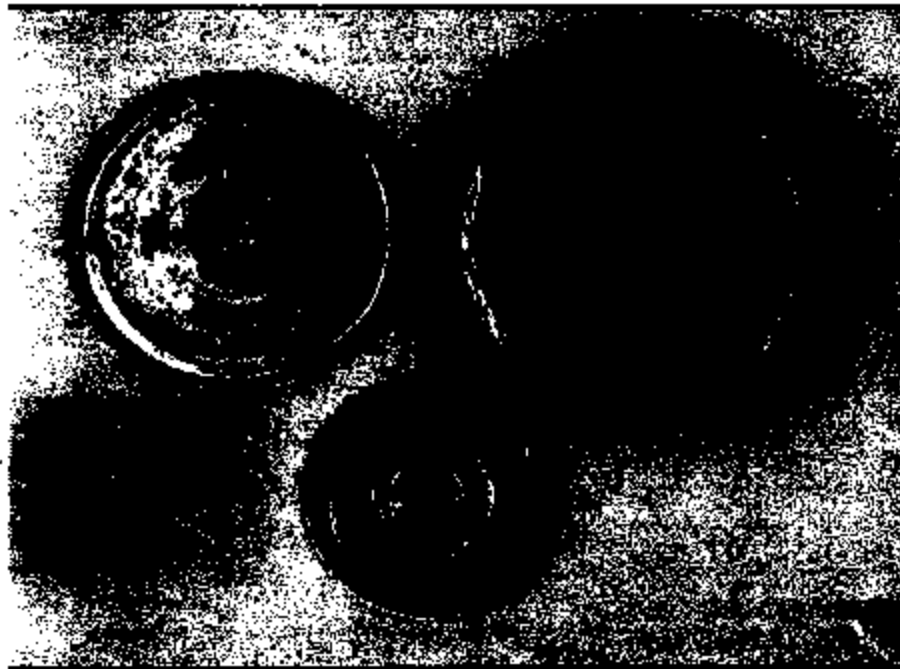


Figure 20: PX [redacted] cup, washer, converter, disc.

Note: Nominal magnifications given for photomicrographs.

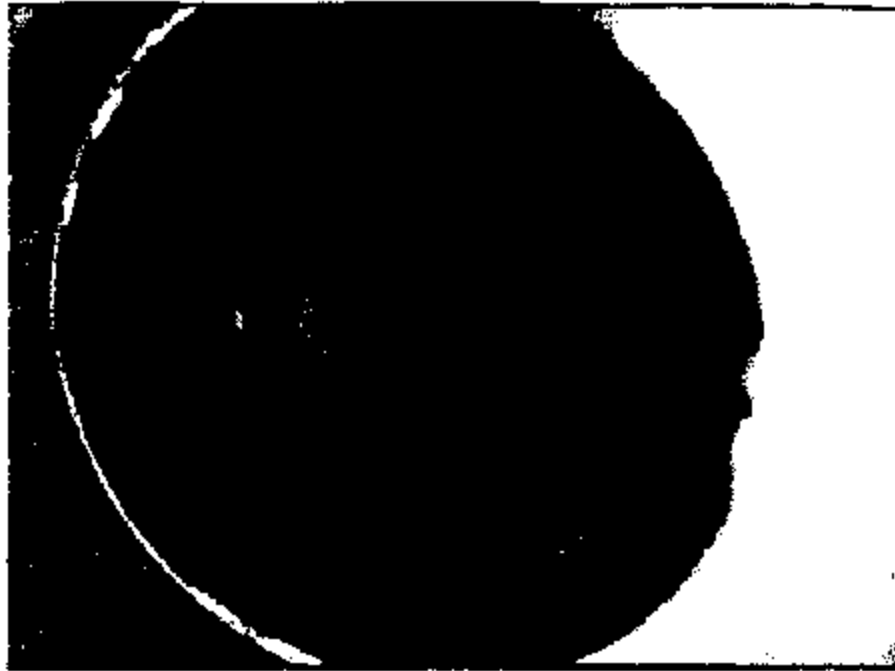


Figure 21: PX [redacted] export cavity.

Note: Nominal magnifications given for photomicrographs.

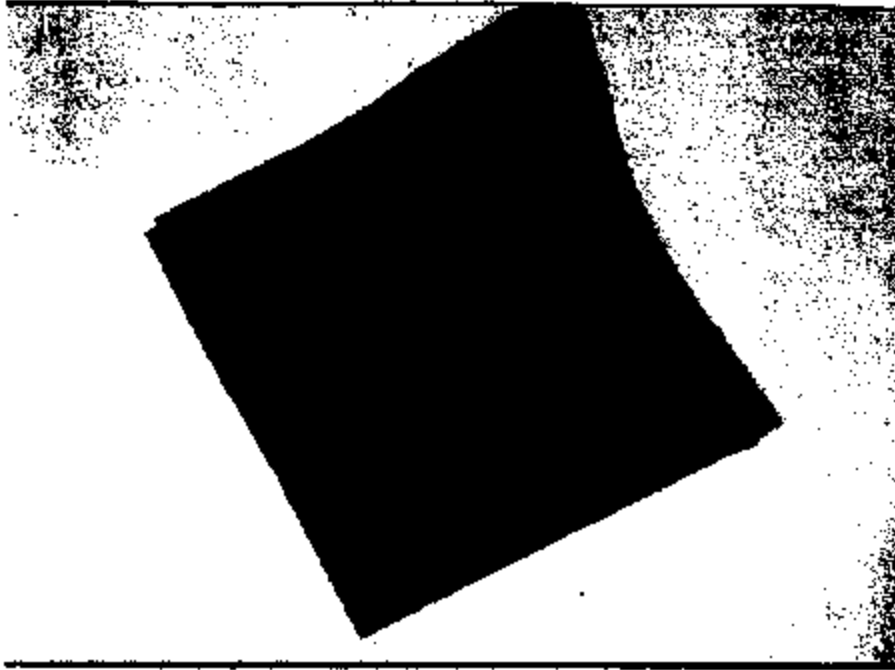


Figure 22: PY [redacted] seal 1 fluid side.



Figure 23: PY [redacted] seal 1 fluid side.

Note: Nominal magnifications given for photomicrographs.

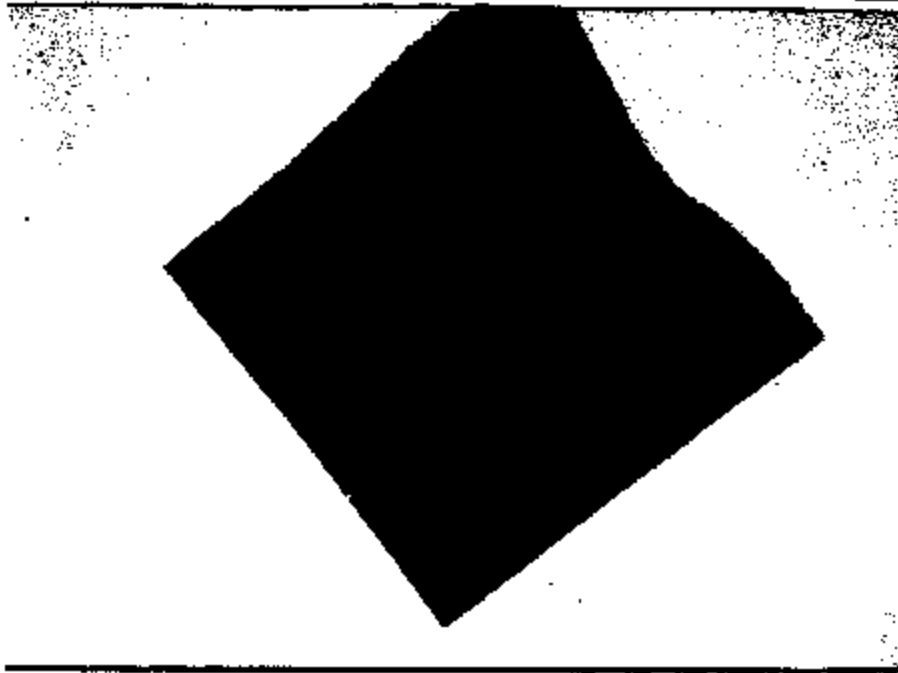


Figure 24: PY [redacted] seed 2.

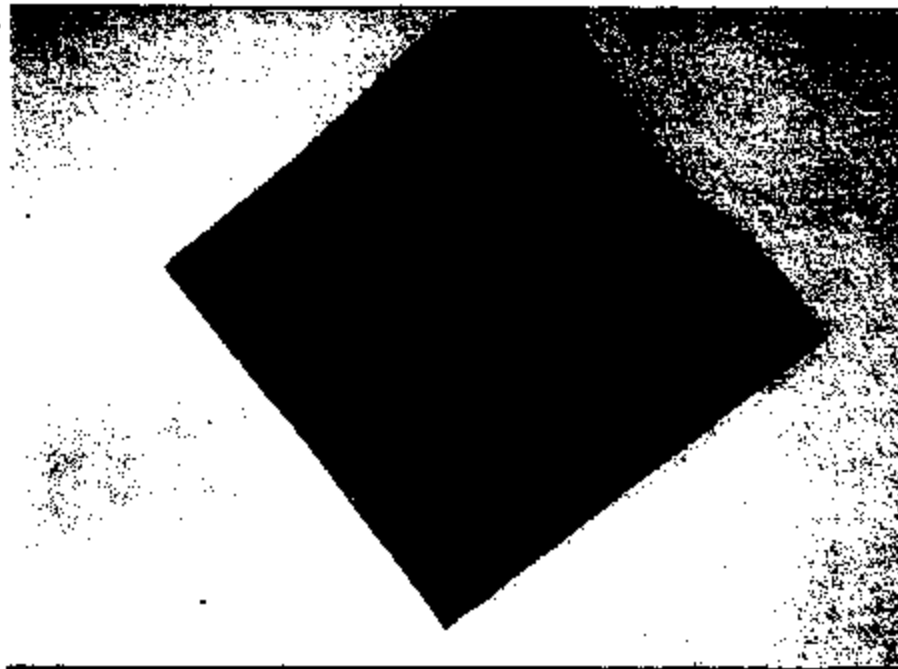


Figure 25: PY [redacted] seed 3.

Note: Nominal magnification given for photomicrographs.

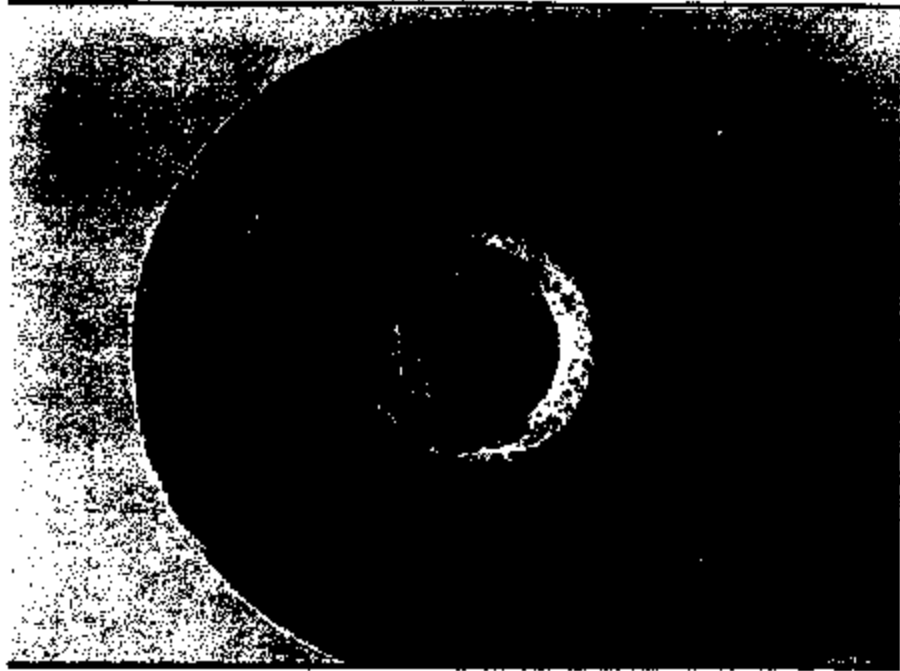


Figure 26: PY [redacted] cup, washer, converter, disc.

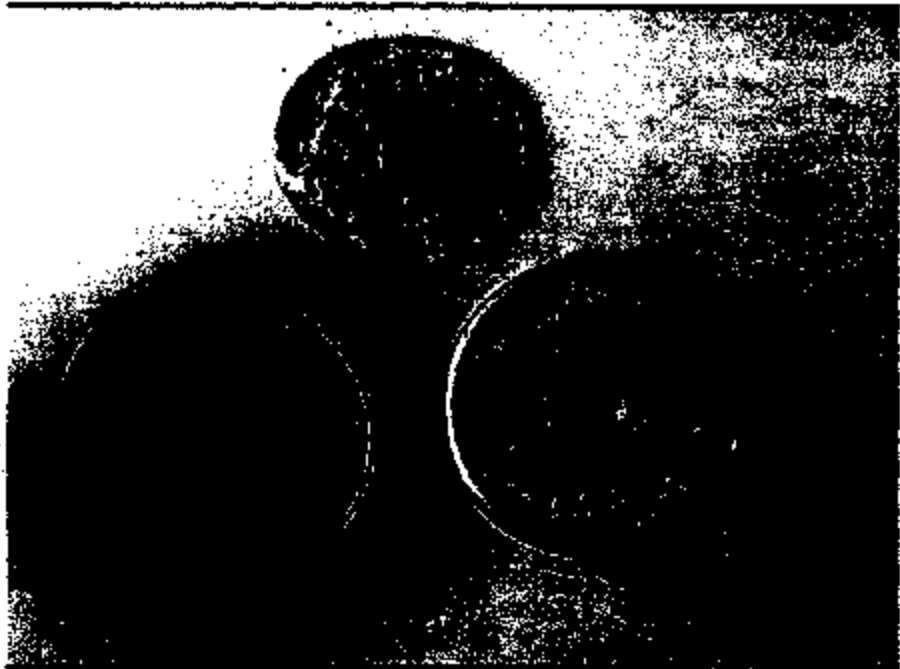


Figure 27: PY [redacted] cup, washer, converter, disc.

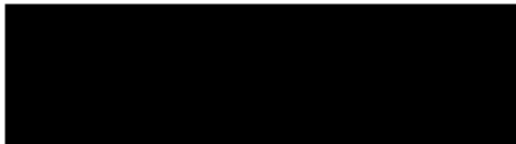
Note: Nominal magnifications given for photomicrographs.





Figure 28: P1  hexaport cavity.

Note: Nominal magnifications given for photomicrographs.



IN EARLY STAGES  
OF INVESTIGATION

8628 SL

Request for Central Laboratory Service

15000 Century Dr., Dumbarton, MD 41120-1287 Phone (313) 32-21676 FAX (313) 32-21614

Administrative Use Only

Laboratory Number	Date
9901571	5-12-99 SL

Your Name (Send report to)	Telephone	PROPS ID	FAX
[Redacted]	[Redacted]	ESTEVENA	313 370 7224
Secretary Contact	Telephone	PROPS ID	FAX
[Redacted]	[Redacted]	NLADPINT	313 337 8756

Room No./Mail Drop/PO Box	Department/Activity	Building	Location Code	Dept. #	Work Task # (For 5100 Loc. Only)
MD 506/2605	BVT MATS	BLDG 4 S	5103	T13	X06164

Total # of Samples	Sample Handling	TOXICOL	Reason	Supplier Code
17	<input checked="" type="checkbox"/> Return after test <input type="checkbox"/> Dispose after test <input type="checkbox"/> Dispose after 30 days			

Part/Serial Name	Sample Identification (Continue below if needed)	Part Number (if any)	Material Specification (if any)	CPSC Code	Supplier
SPEED CAMERA	SEE ATTACHED	EZV-9991A	NA		TEAMS
CAMERA SWITCH	SHOOT				INSTRUMENTS

Nature of Investigation/Specific Tests Required (Check all that apply) <input checked="" type="checkbox"/> Forensic/Other problem <input checked="" type="checkbox"/> Perform Tests as in Lab No. 4900657 <input checked="" type="checkbox"/> Failure Analysis <input type="checkbox"/> Photograph (Describe below) <input type="checkbox"/> Legal <input type="checkbox"/> Use Specification _____ as a guide <input type="checkbox"/> Specification Compliance <input type="checkbox"/> Other (Describe below)		Requester Info. Box (For requester use)
Stop making upon failure? <input type="checkbox"/> No <input type="checkbox"/> Yes Does this support CAE testing? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If "Yes", what is the expected outcome?)	Do you need to know your CL contact and timing? <input type="checkbox"/> Yes	

Additional Sample Information/Testing Requirements

PERFORM TESTS AS IN [Redacted] TO ASSIST IN DETERMINING  
 CAUSE OF POSSIBLE LEAKAGE/FIRES. ADDITIONAL SWITCHES  
 MAY FOLLOW.

Date you would like report: 7-1-99	Date you must have report: 7-1-99	Format (Check all that apply): <input checked="" type="checkbox"/> FAX preliminary results <input type="checkbox"/> FAX hard written <input checked="" type="checkbox"/> Mail typed report <input type="checkbox"/> FAX typed report <input type="checkbox"/> Mail hard written <input type="checkbox"/> Please preliminary results
------------------------------------	-----------------------------------	---

For information about services or assistance in completing this form please refer to the Central Laboratory WEB page. [www.gta.ford.com/central/form.htm]  
 Laboratory number and date cannot be assigned without receipt of samples.  
 Samples will be disposed of after 30 days unless otherwise indicated above.

DATE	PREFIX/DCODE	VEHICLE	VIN	COND
Jun-86	F3TA/6117	F150	[REDACTED]	Reference
Apr-88	F3TA/8025	E250	[REDACTED]	Reference
Jan-87	F3TA/8285	F150	[REDACTED]	Reference
88	F2AC/8211	Crown Vic	[REDACTED]	Reference
May-88	F3TA/8127	Bronco	[REDACTED]	Reference
May-88	F3TA/8008B	F150	[REDACTED]	Reference
Nov-88	F3TA/8278B	F150	[REDACTED]	Reference
Oct-86	F3TA/8278A	Exp	[REDACTED]	Reference
?	F2AC/8331	Grand Marquis	[REDACTED]	Reference
87	F2AC/8011	?	[REDACTED]	Reference
Mar-87	F3TA/7068	F150	[REDACTED]	Reference
Oct-86	F3TA/8274	Exp	[REDACTED]	Reference
88	F2VC/2382A	?	[REDACTED]	Reference
87	F3TA/8024A	Exp	[REDACTED]	Reference
87	F3TA/8201	Exp	[REDACTED]	Reference
82	F2VC/2059	Crown Vic	[REDACTED]	Reference
85	F2AC/8214	Crown Vic	[REDACTED]	Reference

11  
TITLE CUTTER SWATH

Project No. 9901571  
Book No. 2697

From Page No. \_\_\_\_\_

1/3

KA 92828

Exposure 2 Terminal Dec  
Terminaling name Dark Green Decid.  
Fitting and the bottom surface clean  
Base is white of bottom band  
No apparent lead

BO 8095

Terminaling 2, clastic clean 4 day - no app. lead  
Fitting and clean  
Base is 12 3/4

T [redacted]

Exposure 3 Terminal Crust covered with  
white residue to be present and  
could not determine if layers of bands  
Fitting and clean  
Terminaling appear clean

HS 07657

Has different base composition  
Fitting and clean  
Base is 12 3/4  
Fitting and clean

CA 13859

Terminaling crust dec - no apparent lead  
Terminaling covered with green residue  
Heard - white terminaling residue in fitting  
and  
Red base

PX 13254

Ext covered with white residue to be 3/4  
Lead - possible debris not in fitting  
Terminaling crust dec - light debris on terminaling  
No apparent lead  
Black residue in fitting

To Page No. \_\_\_\_\_

Witnessed & Understood by me,

Date

Invented by

Date

From Page No.

3/3

NA 83619

TERMINAL CABLE ON - NO CURRENT LOW  
 TERMINALS CLEAN  
 FITTING AND CLEAN  
 RED BASE

LA 54324

EXTENSION CABLED WITH BABLE FIBER  
 - PROBABLY DROPPED OUT OF POSITION  
 TERMINAL CABLE CLEAN & ON - NO CURRENT LOW  
 TERMINALS CLEAN  
 FITTING AND CLEAN  
 RED BASE  
 RED SEAL SUPPLIED, BUT NO CONNECTION  
 SEAL INTACT - IMPROPERLY SHOWN, BUT  
 OK

NC 6349

EXTENSION - FIBER WITH BE - PROBABLY  
 DROPPED OUT  
 TERMINAL CABLE CLEAN & ON - NO CURRENT LOW  
 FITTING AND CLEAN  
 RED BASE

XIP 8309

EXTENSION DROPPED WITH BE - PROBABLY DROPPED  
 TERMINAL CABLE CLEAN & ON - NO CURRENT LOW  
 TERMINALS CLEAN  
 FITTING AND - UNUSUAL TRANSLUCENT  
 RESINS

UB 08339

SAME AS ABOVE EXCEPT FITTING AND  
 CLEAN AND RED BASE

To Page No.

Witnessed &amp; Understood by me,

Date

Invented by

Date

Recorded by

om Page No. \_\_\_\_\_

3/3

LB 30661

Term. cap. clean & dry - no app. leak  
Term. clean.  
Fitting and clean.  
Reg. Base

PY 721210

Ext. dome with BF -> pressure  
drained  
Terminal cap & terminals clean &  
dry -> no app. leak

LB 32811

Terminals & cap. clean & dry ->  
no app. leak  
Fitting and clean.  
Reg. Base

X 725982

Ext. concrete wet with BF -> pressure  
drained  
Terminal & cap. clean & dry -> no app.  
leak  
Black regions in fitting and

TX 618850

Ext. dome with brake fluid -> pressure  
drained - some fluid down into terminal  
cap & other into cap & dry. Like regions  
on terminals  
Fitting and clean.

LA 92809

Ext. wet with BF -> pressure that  
some has run in to terminal cap  
Rest of cap & dry.  
Cap & terminals have like regions  
Black regions in fitting and

To Page No. \_\_\_\_\_

Inspected & Understood by me,	Date	Invented by	Date
		Recorded by	

# Request for Central Laboratory Service

Receipt - Copy

Lab Request Number: 009901571

Date of Request: 05/12/1999 03:37:40 PM

Print Date: 05/12/1999 04:54:42 PM

**Request Description:** SPEED CONTROL CUTOFF SWITCH

**Requester Information:**

Primary Contact: [REDACTED] 0008  
Secondary Contact: LA POINTE, NORM - 10078

Phone: (313) 383-8688  
Phone: (313) 384-2698

PROFS ID: GSTEVEN1  
PROFS ID: NLAPOINT

Fax: (313) 380-7224  
Fax: (313) 337-8288

Send Report to: MD 8008/23083, RVT MATERIALS, BLDG. #5  
Bill to: Acctg. Location: 8100  
Dept: T113  
Work Task: XQG04

**Sample Information:**

Total Number of Containers: 17  
Source: Not specified

Sample Handling: Return after test  
Supplier Code: Not specified

Part/Material Name	Qty	Sample Identification	Part Number	Material Desc	CPSC Code	Supplier
SPEED CONTROL CUTOFF SWITCH	17	SEE ATTACHED SH EET	F2YY-9F924-A	NA	00.00.00	TEXAS INST FLUMEN TS

**Investigation Information:**

Nature of Investigation: Requestor Info. Box. Mail typed report

**Additional Sample Information/Testing Requirements:**

Perform Tests as in Lab Number: 9900807

PERFORM TESTS AS IN 9900807 TO ASSIST IN DETERMINING CAUSE OF POSSIBLE LEAKAGE/FIRES. ADDITIONAL SWITCHES MAY FOLLOW.

**Reporting Directions:**

Date customer would like report: 07/01/1999  
Date customer must have report: 07/01/1999

**Report Format(s):**

**Log-in Information:**

Initial Routing: Metallurgy

Accepted for Central Laboratory by: LaFouche, Steve

Phone: 84-54878

View your test status at: [HTTP://bd4web.pd7.ford.com/kali/](http://bd4web.pd7.ford.com/kali/)

Program Name: KALISLab Engr Module  
Program Version: 3.0.0

ROMAN: PLEASE PERFORM RESIST. & PRESSURE TESTS AS BEFORE.

JIM NEEDS TO LOG THIS IN TO YOU.  
THANKS,  
STEVE



From Page No. \_\_\_\_\_

TO: [REDACTED]

SUBJECT: SPEED CONTROL CUTOFF SWITCH

PART NUMBER: F2VY-9F924-A

SPECIFICATION: NOT PROVIDED

SUPPLIER: TEXAS INSTRUMENTS

RECEIVED: SEVENTEEN SPECIMENS WERE RECEIVED  
ON MAY 12, 1999.SUBJECT: TEST SWITCH TEST MATRIX PROCEDURE AND  
EVALUATION PROCESS INSTRUCTIONS THAT WERE  
PROVIDED.TEST DATA: SEE MATRIX CHARTS ATTACHED TO THE  
FILED REPORT.

To Page No. \_\_\_\_\_

Witnessed &amp; Understood by me,

L. Tommerson

Date

Inspected by

Roman W. Vintzelski

Date

5-25-99

C = COMPLETE  
 NA = NOT APPLICABLE  
 TBP = TO BE PERFORMED

Brake Switch Testing Checklist

INF = INFINITY (OPEN)  
 NP = NOT PERFORMED  
 NRCLS = NOT RECD AT GEN. LAB.

	Jun-86	Apr-86	Jan-87	Apr-87	May-83	May-86	March-87	Oct-86
Field Job	1 Log Field into the Switch Log							
	2 Photograph switch	C	C	C	C	C	C	C
	3 Record any unusual external visual observations	C	C	C	C	C	C	C
	4 Check for Connector engagement if any it is appropriate	NP	NP	C	NP	NP	NP	NP
Switch + Connector Assembly	5 Visually inspect for CRACKING/Flaking	NP	NP		NP	NP	NP	NP
	6 Visually inspect for HUNGUP Resistance	NP	NP		NP	NP	NP	NP
	7 Visually inspect for HUNGUP Resistance	NP	NP		NP	NP	NP	NP
	8 Visually inspect for loose wires	NP	NP		NP	NP	NP	NP
Connector Only	9 Visually Check for Cracks	NP	NP		NP	NP	NP	NP
	10 Measure RESISTANCE in Wire at CONTACTS resistance	NP	NP		NP	NP	NP	NP
	11 Measure RESISTANCE in Wire at CONTACTS resistance	NP	NP		NP	NP	NP	NP
	12 Check and test for full engagement of contacts	NP	NP		NP	NP	NP	NP
	13 Check into lockstep	NP	NP		NP	NP	NP	NP
Switch External Unpressurized	14 Check into gap seals	NP	NP		NP	NP	NP	NP
	15 Put wire insulation to check for damage	NP	NP		NP	NP	NP	NP
	16 Assembly Switch to Collector Board							
	17 Spring Terminal to Stationary Terminal Resistance	0.04 Ω	0.03 Ω	0.02 Ω	0.02 Ω	0.03 Ω	0.02 Ω	0.01 Ω
	18 Spring Terminal to Hungup Resistance	∞	∞	∞	3.0M Ω	∞	∞	∞
	19 Stationary Terminal to Hungup resistance	∞	∞	∞	3.0M Ω	∞	∞	∞
Switch External Pressurized	20 Press to Hungup Resistance	∞	∞	∞	∞	∞	∞	∞
	24 Switch Opening Pressure	C.W.N.P. 2	255	260	C.W.N.P. 2	275	246	C.W.N.P. 2
	25 Switch Closing Pressure	C.W.N.P. 2	200	146	C.W.N.P. 2	190	180	C.W.N.P. 2
	26 Press Test for Leaks	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK
Switch	27 Repeat Steps 17 through 20 at 100 psig							
	17 Spring Terminal to Stationary Terminal Resistance P.V.	0.04 Ω	0.04 Ω	∞	0.02 Ω	0.02 Ω	0.02 Ω	0.05 Ω
	18 Spring Terminal to Hungup Resistance P.V.	∞	∞	∞	3.0M Ω	∞	∞	∞
	19 Stationary Terminal to Hungup resistance P.V.	∞	∞	∞	3.0M Ω	∞	∞	∞
Techniques	28 Remove electrical energy							
	29 Remove electrical energy, Photograph							
	30 Remove tag							
	31 Restore electrical surface, Photograph							
Techniques	31 REM-EDM (FPI) test, analyze, identify							
	32 REM-EDM (FPI) test, analyze, identify, etc.							
	33 Metallographic analysis of contacts							
	Look for evidence of contact or arcing							

Footnote 1 CONTACTS DID NOT OPEN  
 " 2 " " WERE " "

3713 3288

C = COMPLETE  
 NA = NOT APPLICABLE  
 TDP = TO BE PERFORMED

Brake Switch Testing Checklist

INF = INFINITY (OPEN)  
 NP = NOT PERFORMED  
 NRCLS = NOT RECD AT CEN, LAB

		7	07	MAR-07	OCT-05	03	07	07	02
		TX	X	N	L	PR	L	L	YX
Field Info	1 Log Part into the Switch Log file	C	C	C	C	C	C	C	C
	2 Photograph Switch	C	C	C	C	C	C	C	C
	3 Photograph unusual contact or seal observations	C	C	C	C	C	C	C	C
	4 Check for Connector engagement *only if appropriate	NP	NP	NP	NP	NP	NP	NP	NP
Switch + Connector Assembly	5 Use 16 Gauge Wire (SOLDERABLE) Resistor	NP	NP	NP	NP	NP	NP	NP	NP
	6 Use 16 Gauge to Mount Resistor	NP	NP	NP	NP	NP	NP	NP	NP
	7 Use SOLDERABLE to Connect Resistor	NP	NP	NP	NP	NP	NP	NP	NP
	8 Remove Resistor from Switch	NP	NP	NP	NP	NP	NP	NP	NP
Connector Only	9 Verify Connector Sold	NP	NP	NP	NP	NP	NP	NP	NP
	10 Use of GNG in Main Supporting structure	NP	NP	NP	NP	NP	NP	NP	NP
	11								
	12 Check and seal for full engagement of connector	NP	NP	NP	NP	NP	NP	NP	NP
	13 Check into backfire	NP	NP	NP	NP	NP	NP	NP	NP
	14 Check into grey coats	NP	NP	NP	NP	NP	NP	NP	NP
Switch External Unpowered	15 Cut wire insulation in check for abrasion	NP	NP	NP	NP	NP	NP	NP	NP
	16 Assemble Switch to Connector Head								
	17 Spring Terminal to Stationary Terminal Resistance	0.03 Ω	0.01 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.01 Ω
	18 Spring Terminal to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
	19 Stationary Terminal to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
	20 Wire to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
	21								
Switch External Powered	24 Switch Closing Pressure	135 Ω	132 Ω	230	266	137	261	251	145
	25 Switch Closing Pressure	96	98	165	188	58	183	104	73
	26 Press Test for Leakage	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK	NO LEAK
	27 Repeat Steps 17 through 20 at 100 psi								
Switch External Powered	17 Spring Terminal to Stationary Terminal Resistance	Ω	Ω	Ω	0.02 Ω	Ω	0.01 Ω	0.02 Ω	Ω
	18 Spring Terminal to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
	19 Stationary Terminal to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
	20 Wire to Mount Resistance	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
Switch	28 Remove aluminum wrap strip								
	29 Remove special software. Photograph								
	30 Remove tag								
	31 Location removed software. Photograph								
Techniques	32								
	33								
	34								

9713 3289

C = COMPLETE  
 NA = NOT APPLICABLE  
 TOP = TO BE PERFORMED

Brake Switch Testing Checklist

INF = INFINITY (OPEN)  
 NP = NOT PERFORMED  
 NRCLS = NOT RECD AT CEN. LAB.

		US						
Field Info	1 Log Field into the Switch Log file	IX						
	2 Photograph Switch	C						
	3 Record any unusual external-visual observations	C						
	4 Check for Connector engagement Key if appropriate	NP						
Switch + Connector Assembly	5 Wire WLO/MS to WLO/MS/MS Resistor	NP						
	6 Wire WLO/MS to Magnet Resistor	NP						
	7 Wire WLO/MS to Magnet Resistor	NP						
	8 Disconnect Resistor from Switch	NP						
Connector Only	9 Verify Connector Seal	NP						
	10 Wire WLO/MS to WLO/MS/MS Resistor	NP						
	11							
	12 Check and report for full engagement of connector	NP						
	13 Check wire lengths	NP						
Switch External Unpowered	14 Check wire gage code	NP						
	15 Can wire terminals be checked for corrosion	NP						
	16 Assembled Switch to Calibration Stand							
	17 Spring Tensioned to Railways Terminal Resistor	0.110						
	18 Spring Tensioned to Magnet Resistor	0.02						
	19 Railways Terminal to Magnet Resistor	0.02						
	20 Bias to Magnet Resistor	0.02						
Switch External Powered	24 Switch Operating Pressure	1.25						
	25 Switch Closing Pressure	0.7						
	26 Proof Test for Leakage	NO LEAK						
	27 Repeat Steps 24 through 26 at 100 psi							
Switch	17 Spring Tensioned to Railways Terminal Resistor	0.02						
	18 Spring Tensioned to Magnet Resistor	0.02						
	19 Railways Terminal to Magnet Resistor	0.02						
	20 Bias to Magnet Resistor	0.02						
Technology	28 Pressure at 100 psi stop ring							
	29 Measure external surfaces. Photograph							
	30 Measure cap							
	31 Measure internal surfaces. Photograph							
Technology	31 SEM-EDX of 700 bars, contacts, terminals							
	32 SEM-EDX of NR cap, magnet, contact ends, etc.							
	33 Micrographs of contact surfaces							
	Look for evidence of contact or wiring							

3713 3290

From Page No. \_\_\_\_\_

TO: G. S. [REDACTED]  
SUBJECT: SPEED CONTROL CONSOLE SWITCH  
PART NUMBER: F2VY-9F924-A  
SPECIFICATION: NOT PROVIDED

SUPPLIER: TEXAS INSTRUMENTS

RECEIVED: SEVENTEEN SPECIMENS WERE RECEIVED  
ON MAY 12, 1999.

TEST: TEST SWITCH PER MATRIX PROCEDURE AND  
EVALUATION PROCESS INSTRUCTIONS THAT WERE  
PROVIDED.

TEST DATA: SEE MATRIX CHARTS ATTACHED TO THE  
FILED REPORT.

To Page No. \_\_\_\_\_

Witnessed &amp; Understood by me,

A. Thompson

Date

Inspected by

Roman W. Vintgeki

Date

5-25-99

Recorded by

3713 3232

Case 44N  
5-1-99

3/22/89 MON 14:28 FAI 8486424888

EA ASSOCIATES

DAVID BURNETT

Vehicle/Owner Information/Incident Info

Model Year: 93 Make: Town Car VIN: 1LNLM [redacted] Mileage (at inspection):

Inspection Date/Location: PALMETO, FL HRS. TO BRADENTON, FL 643092 (M) Vehicle Owner: P. CENKE / STATE FARM

Incident date: 3-12-99 Approximate mileage at incident: I WILL GET WIRE DETAIL WORK OF 5-3-99 FROM ALAN CONGER STATE FARM REP.  
Inspector Name: DAVID BURNETT 561 575 4174

Parts that we would like from vehicle if possible to acquire

Brake pressure switch (preferably with wire pigtail/connector attached and still attached to prop valve)  
SWITCH IS STILL IN POSITION - BUT THE ELECTRICAL CONNECTION MISSING & NO PIG TAIL - ALSO BURNED.  
Sample of brake fluid at prop valve (in sealed glass container)

BURNED NO FLUID  
Relay pack located on LH fender apron (with as much wiring as possible)

BURNED - SEE PHOTO'S  
EDIS 8 module located on LH fender

BURNED - SEE PHOTO  
Speed control module located on LH fender

BURNED - SEE PHOTO  
Air suspension compressor located under air filter

BURNED SEE PHOTO'S  
Air suspension relay

BURNED  
Photograph of door jam VIN sticker

Other suspect parts  
Yes 643092 MFG 10-92

NOTE: - NO PARTS TO BE REMOVED PER STATE FARM  
REP. ALAN CONGER 770-460-4923

I WILL GET WIRE INFO. FROM STATE FARM - ALAN CONGER  
WEEK OF 5-3-99.

10120-  
3-17-99  
Page 1 of 2

03/22/99 MON 14:28 FAX 2456424558

EA ASSOCIATES

5-1-99

D. BENEDET

Vehicle/Customer Information/Incident Info

Model Year: 93 Make: TOWAW CAR VIN#: 643092

Mileage (at inspection):

Inspection Date/Location:

Vehicle Owner:

Incident date: 3-12-99 Approximate mileage at incident:

F. DAVORE /  
STATE FARM

Inspector Name: DAVID BENEDET EAA

Requested Info

Area of fire origination (engine compartment quadrant, component, etc)

HOT SPOT APPEARED TO BE BELOW BEAKET ON CYLINDER TO INNER  
SMILEY AREA

Identify if any underhood relays show evidence of internal overheat

ALL RELAYS BURNED IN FIRE - SEE PHOTO - COULD NOT CHECK

Identify if any fuses or fuse links were blown or show evidence of other damage

NO BLOWN FUSES AT I.P. FUSE BLOCK DESTROYED & PHOTOGRAPH

Determine if the correct fuse for the stop lamp switch in the fuse box

ALL FUSES OK - VISUALLY - DO NOT KNOW STOP LAMP POSITION

Identify if there was any damage to wiring in the area where the fire was started (ie chaffing, missing insulative

ALL INSULATED BURNED

Assess whether the air suspension pump shows evidence of internal overheating

BURNED

Identify if there were any aftermarket modifications to the vehicle? (specifically car alarm, trailer tow, or remote

START) NO TRAILER HITCH - DID NOT SEE ANY MODIFICATIONS

If possible, identify if the vehicle was involved in a natural disaster/accident that required significant vehicle  
up? If so where was cleanup performed? NO HISTORY

If possible, identify vehicle repair history NO HISTORY

Any other info that may be pertinent to the incident...

• CLEAN CAR INSIDE & OUT - GOOD CONDITION FOR 93

• NO TRAILER HITCH

• NO MODIFICATIONS NOTICED

REV 20

3-19-99

1700 20/2

3713 3294