FILE

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APR 1 3 1964

REPOSITORY INEL

COLLECTION SNAPTRAN
D-10419 FRC# 1 934991

BOX No. 434 850067
4-2-1-5-56 SNAPTRAN-3 Press

FOLDER Releases & Reactor Photos

VZCZCSAA094

PP RUEPAE

DE RUWPSA 51 13/2030Z

ZNR

P 131953Z

FM USAEC IDAHOFALLS IDAHO

TO USAEC WASHDC

AEC

BT

BEST COPY AVAILABLE

UNCLAS FOR ELTON P LORD CMM PI THRU DUNCAN C CLARK CMM PI INFO JAMES D LYMAN CMM PI AND HOWARD G HEMBREE CMM DRD FROM MACK C CORBETT. BY COPY THIS TWX CMM ONE EACH SIX PHOTOS ENLARGED FROM 16 MM. OVERHEAD MOVIE COVERAGE /150-FOOT TOWER/ SNAPTRAN-3 TEST SEPARATELY AIRMAILED TODAY FOR HEADQUARTERS INFORMATION. PHOTOS FURNISHED MALCOLM FERRIER FOR REQUESTED USE IN ATOMIC INDUSTRIAL FORUM NUCLEAR NEWS MAY ISSUE WITH FOLLOWING CAPTION CLN "SNAPTRAN-3 WATER IMMERSION SAFETY TEST VIEWED FROM 150 FEET ABOVE 14-FOOT DIAMETER CONCRETE TANK CONTAINING SNAP-10A TYPE REACTOR DURING TEST CONDUCTED APRIL 1 1964 CMM AT ATOMIC ENERGY

1186628

A

GE 2 RUWPSA 51 UNCLAS

COMMISSION/S NATIONAL REACTOR TESTING STATION IN IDAHO BY PHILLIPS PETROLEUM COMPANY. PHOTOGRAPHS SHOW CLN

NRTS 64-1813 -- TWO WHITE FLASHES MARK DETONATION OF SQUIBBS TRIGGERING EXPLOSION WHICH DROVE NEUTRON-ABSORBING SLEEVE UPWARDS OUT OF TANK CMM THEREBY EXPOSING NEUTRONS TO WATER REFLECTION WITH RESULTANT START OF UNCONTROLLED CHAIN REACTION. TIME 0.

64-1814 -- SMOKE PUFFS FROM EXPLOSIVE VISIBLE AS SLEEVE REACHED TOP OF RETENTION POLE. T PLUS 45 MILLISECONDS.

64-1815 -- ONSET OF CERENKOF EFFECT FLASH. T PLUS 93 MS.

64-1816 -- MAXIMUM CERENKOV RADIATION. T PLUS 96 MS.

64-1817 -- WATER BEING EJECTED CMM PARTIALLY OBSCURING UPPER FRAMEWORK. T PLUS 437 MS.

64-1818 -- MAXIMUM POINT OF WATER EJECTION CMM COMPLETELY OBSCURING UPPER FRAMEWORK. T PLUS 609 MS."

SAME SLOW MOTION SEQUENCE CMM ONLY INCLUDING ALL FRAMES CMM FURNISHED LIFE MAGAZINE IN FORM OF DUPLICATE COLOR WORK PRINT ON HOLD FOR RELEASE BASIS SUBJECT TO APPROVAL OF CAPTION MATERIAL USED WITH THEM.

HEADQUARTERS SUGGESTIONS APPRECIATED REGARDING PROPOSED CAPTION

1186629

P

AGE 3 RUWPSA 51 UNCLAS

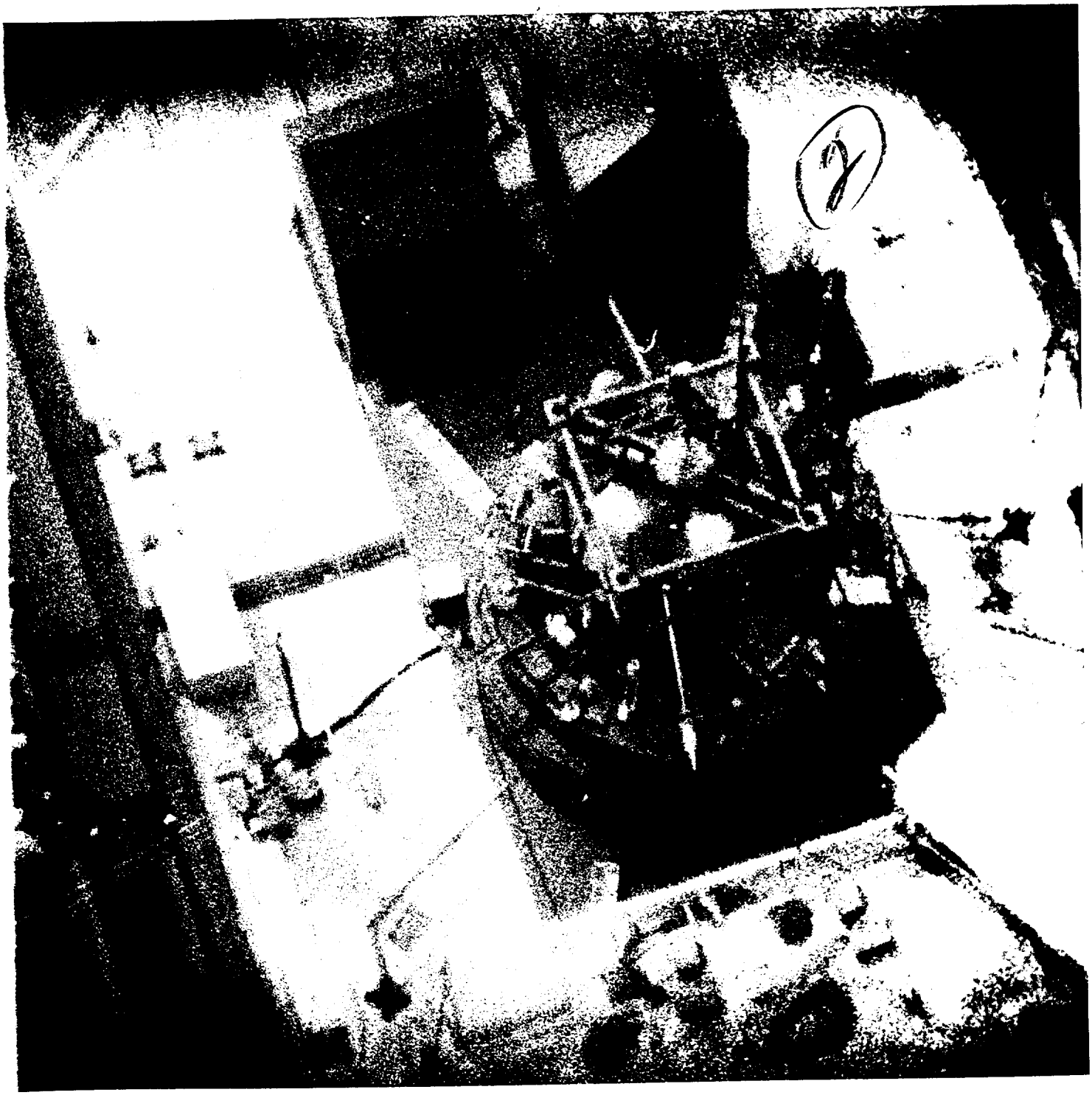
MATERIAL TO BE FURNISHED LIFE FOR THIS SEQUENCE. END REF OI CLN

MCC CLN 5942

BT

NNNN

1186630



1186631

NOT REVIEWED FOR
PUBLICATION

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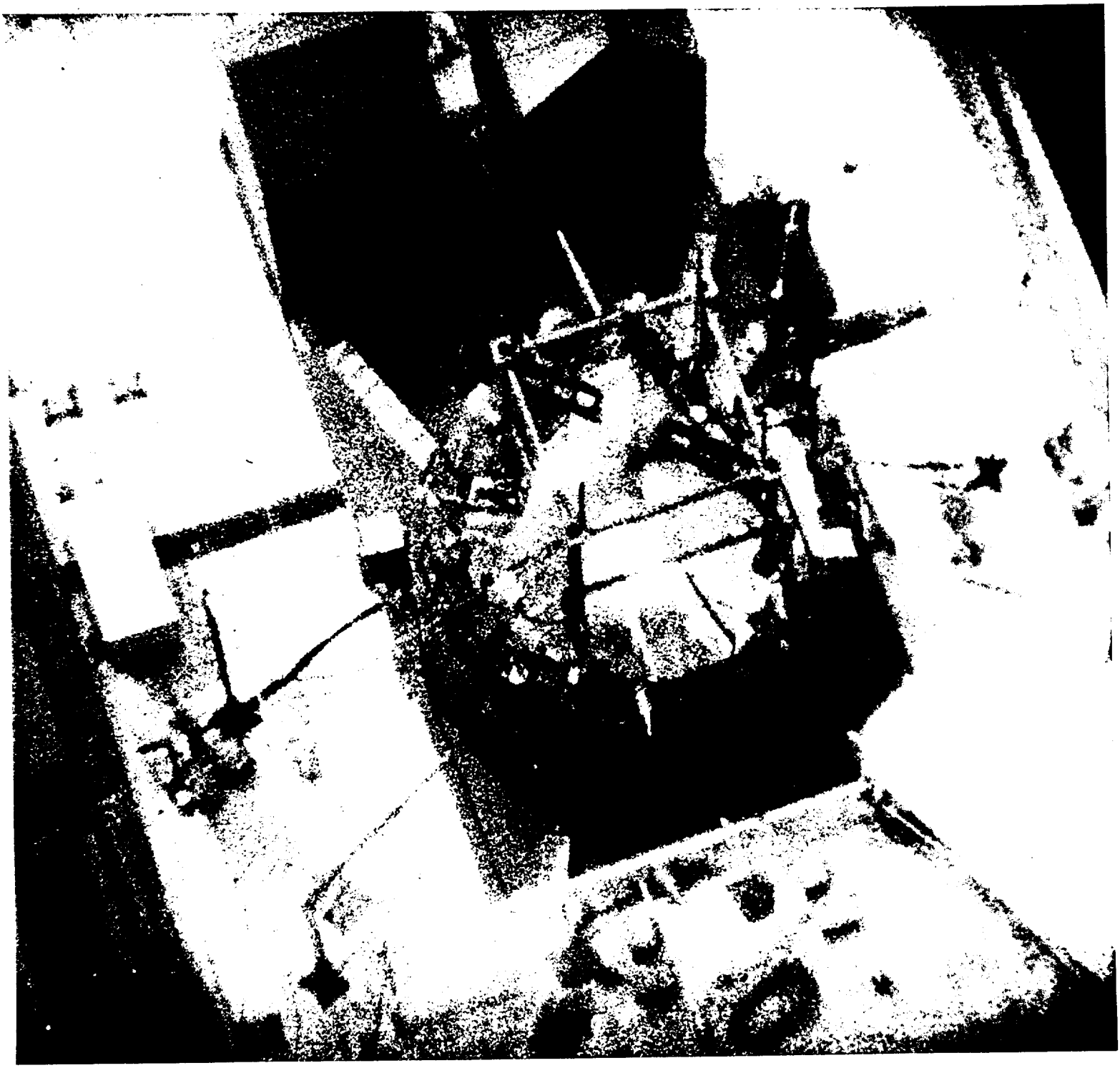
NRTS-C4 1814

1186632



1186633

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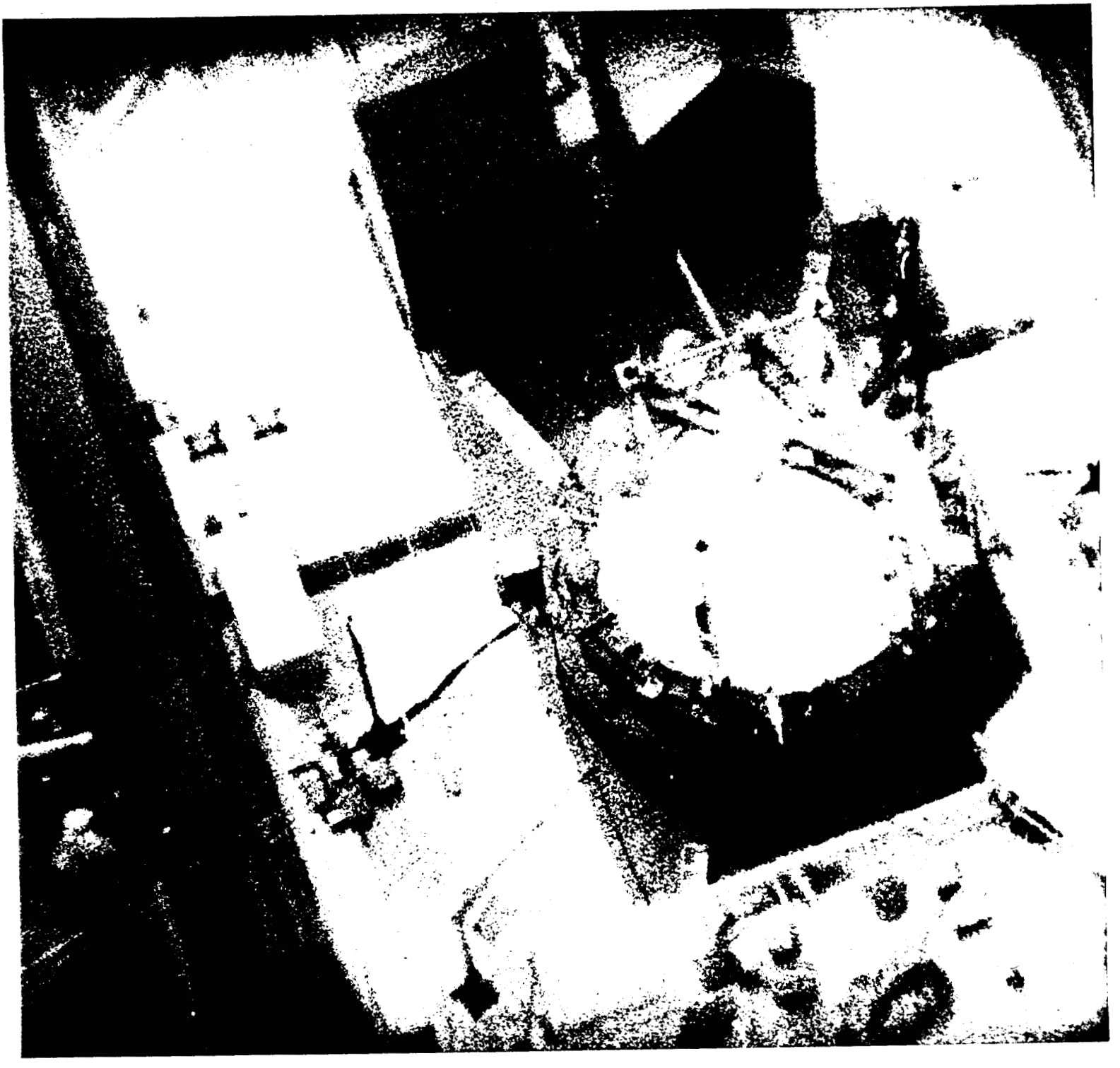
NOT RECOMMENDED FOR
CLEARED FOR PUBLICATION

NRL 64 1815

CLEARED FOR PUBLICATION

1186634



1186635

ARIS-64 1816

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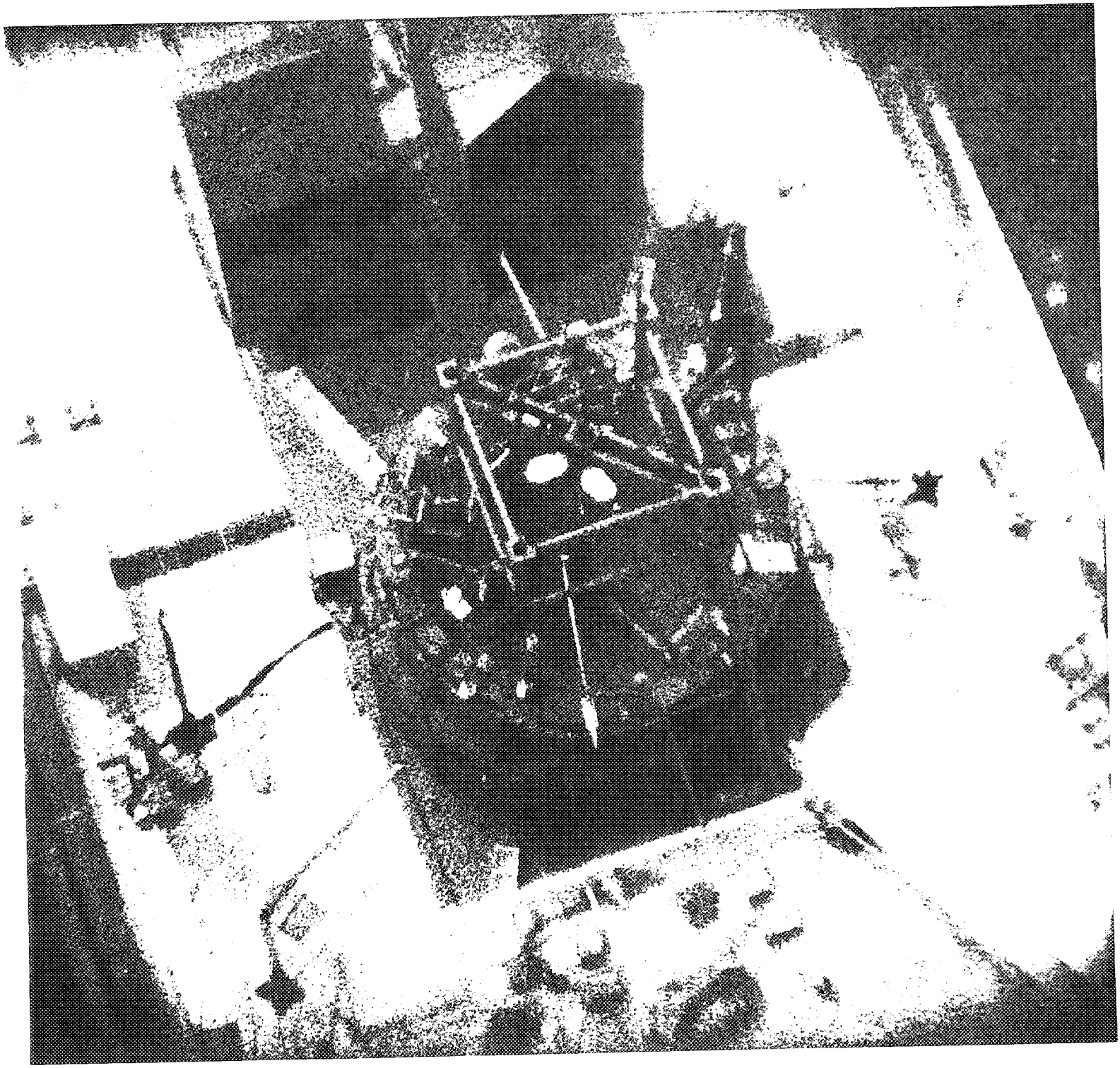
JPRS-64 1817

1186638



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MAR 64 1813

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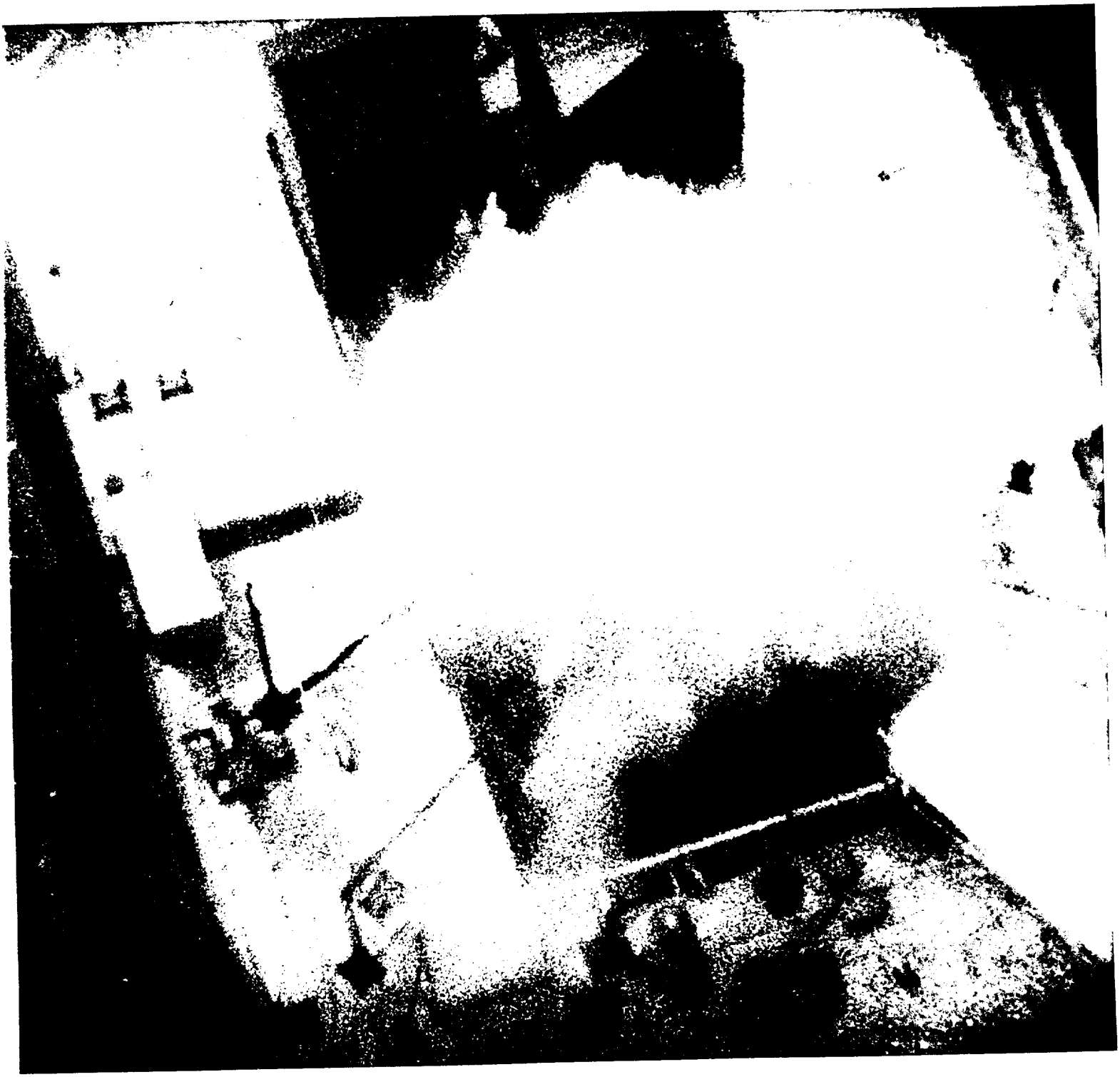

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NRIS-64 1818

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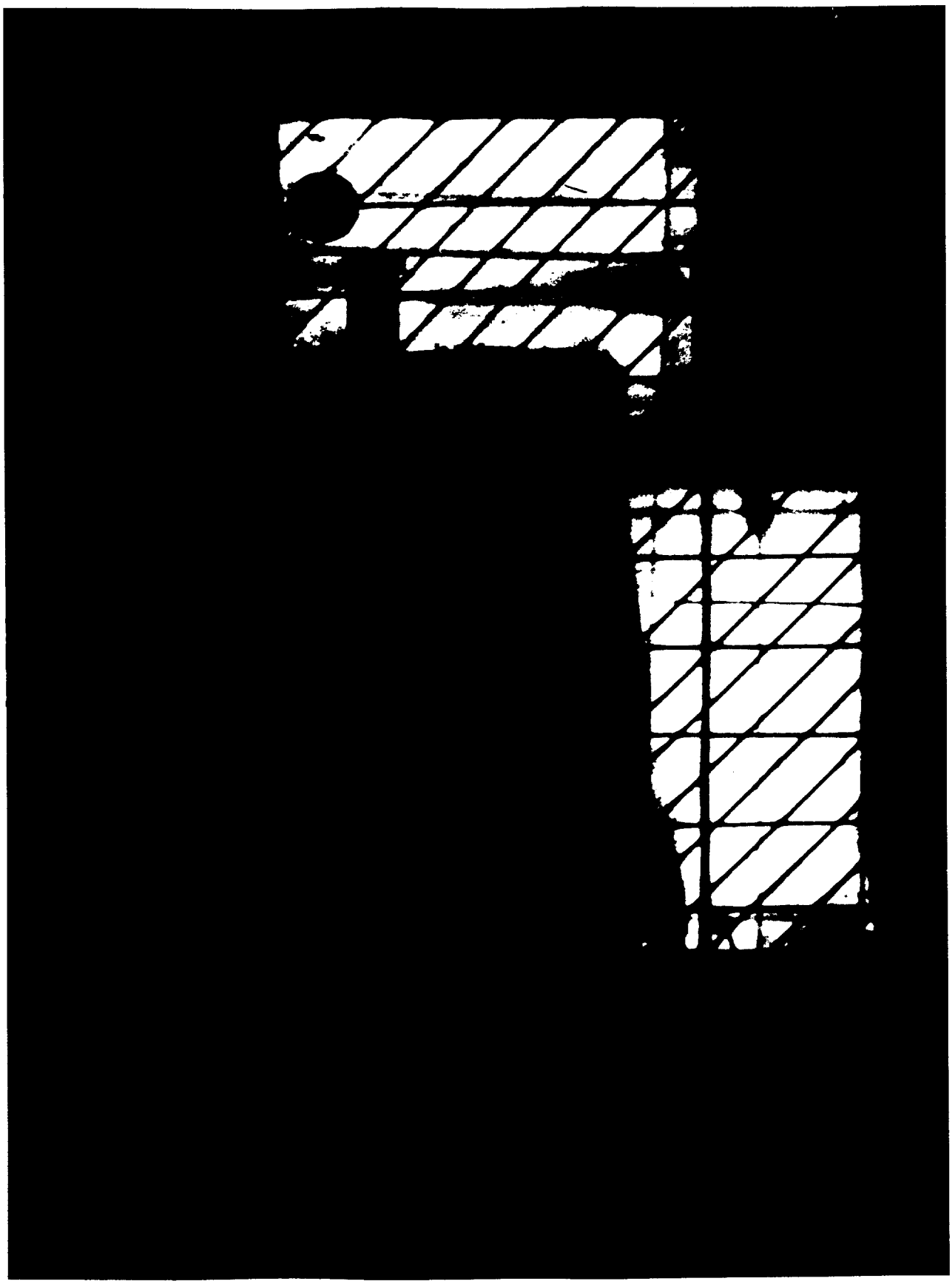

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FIGURE 2