

**SHAKE 'EM, DON'T BREAK
'EM**



**HOUSING FRAGILE
LIBRARY MEDIA IN
EARTHQUAKE COUNTRY**

Randy Silverman

Preservation Librarian

University of Utah Marriott Library

USA

SEISMIC STABILIZATION FOR LIBRARY COLLECTIONS



Nutrition Facts

Serving Size: 1 Egg (50g)
Servings: 12

Calories 70
Fat @ Calories 40

Amount/Serving	% DV*	Amount/Serving	% DV*
Total Fat 4.5g	7%	Sodium 65mg	3%
Saturated Fat 1.5g	8%	Total Carbohydrate 1g	0%
Trans Fat 0g		Protein 6g	10%
Cholesterol 215mg	71%		
Vitamin A 8% • Vitamin C 0% • Calcium 2% • Iron 4%			
Net a significant source of Dietary Fiber or Sugars.			

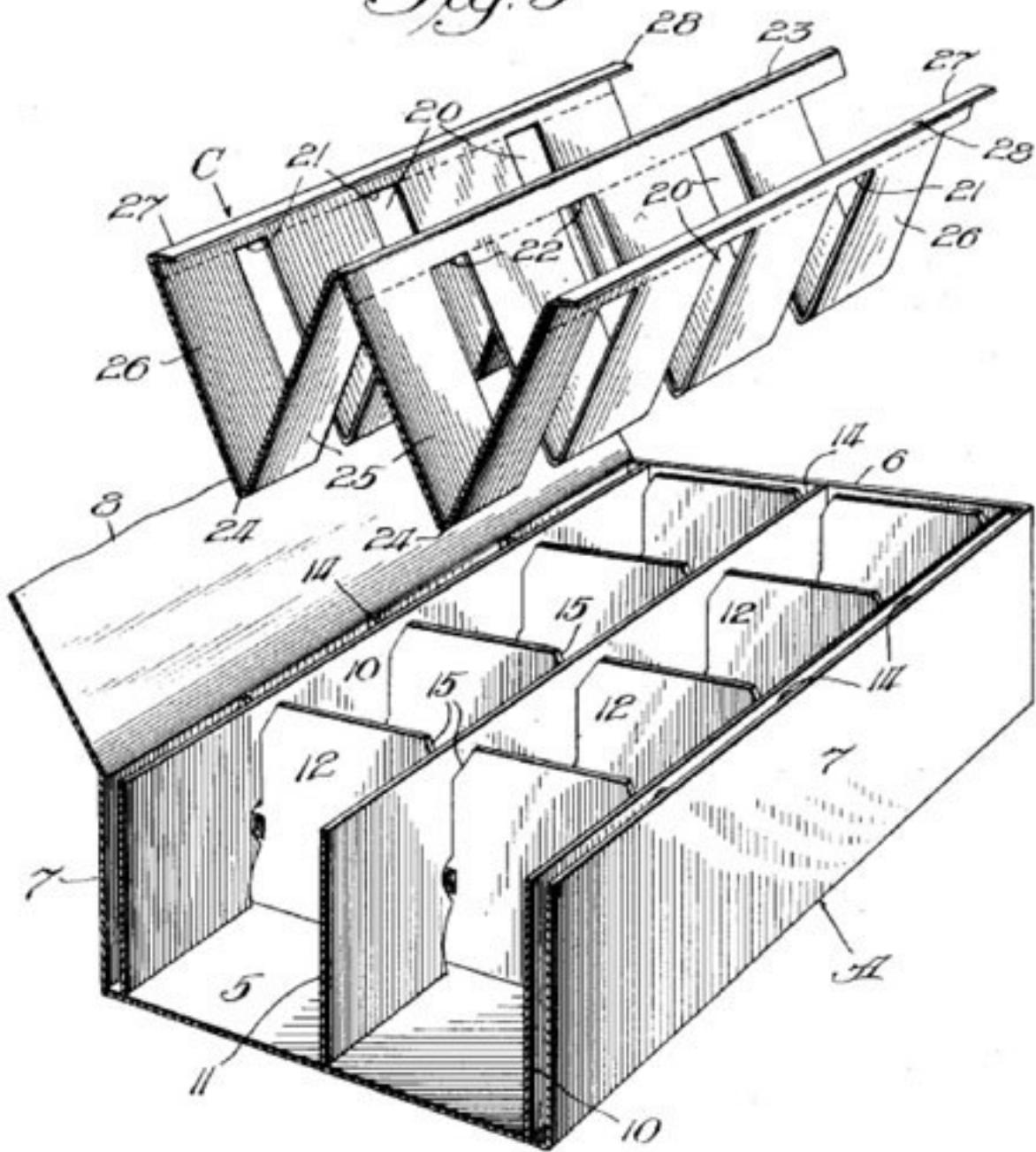
*Percent Daily Values (DV) are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs!

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g
Protein		50g	85g

Calories per gram:
Fat 9 • Carbohydrate 4 • Protein 4



Fig. 5



BUILDING-LEVEL MODIFICATIONS







ROOM-LEVEL MODIFICATIONS







A.O. SMITH
Water Heaters
ENERGY SAVER

Read and understand the instructions and safety information in this manual before you install, use, or maintain your water heater. The instructions are printed on the inside cover of this manual. It is your responsibility to read and understand the instructions and safety information. If you do not understand the instructions or safety information, contact a qualified technician. If you have any questions, contact your local A.O. Smith distributor or call 1-800-4-A-O-Smith.

ENERGYGUIDE
↓
\$165
Yearly cost

Yearly cost	1st Year	5th Year	10th Year
ENERGY STAR			

IMPORTANT Follow the instructions on the label. Improper use may void the warranty.

RELIEF VALVE

DANGER



SCALDING HAZARD
Water heater tank has 180°F water inside. Burns can occur if you touch the tank or hot water. The tank has a pressure relief valve. Do not touch the tank. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water.

Certificate of Compliance
This water heater complies with the requirements of ASHRAE 90.1-2010 for energy efficiency.

DANGER



Slip and Fall Hazard
Water heater tank has 180°F water inside. Burns can occur if you touch the tank or hot water. The tank has a pressure relief valve. Do not touch the tank. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water. Do not touch the hot water.

WARRANTY
A.O. Smith warrants the water heater against defects in materials and workmanship for a period of 5 years from the date of installation.

EXAMPLE 1: GLASS PLATE NEGATIVES





OPEN ONLY UNDER PROPER SAFELIGHT ILLUMINATION

85.0527
07~~30~~12

Handle With Care



Kodak Glass
Plates

AV-1090.
Miller, R.

AV-1046,

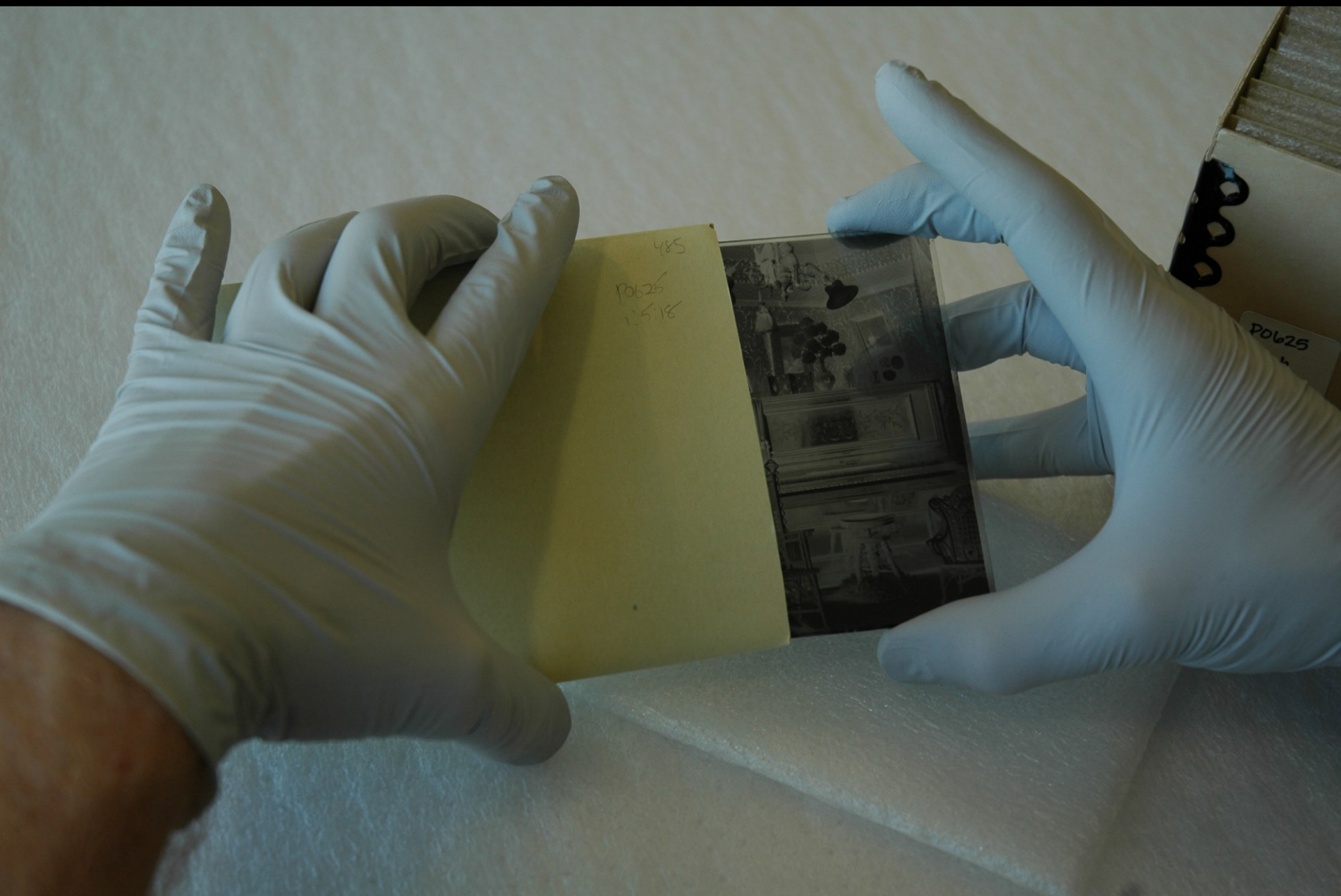
AV-1039

AV-1000

AV-10, AV-1006
La Forge
AV-1003







485

P0625
1.5.18

P0625

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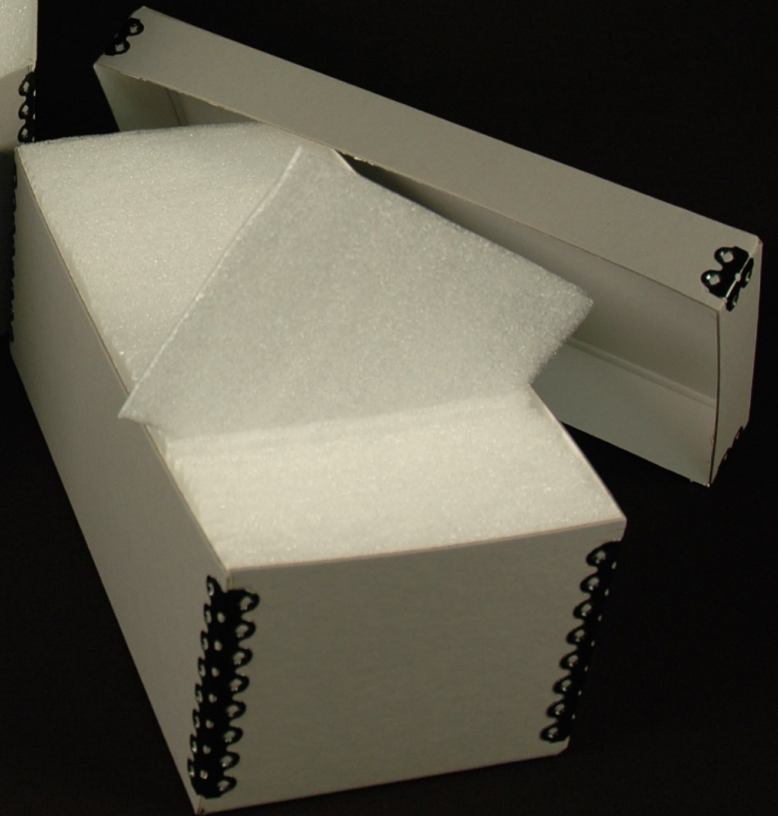
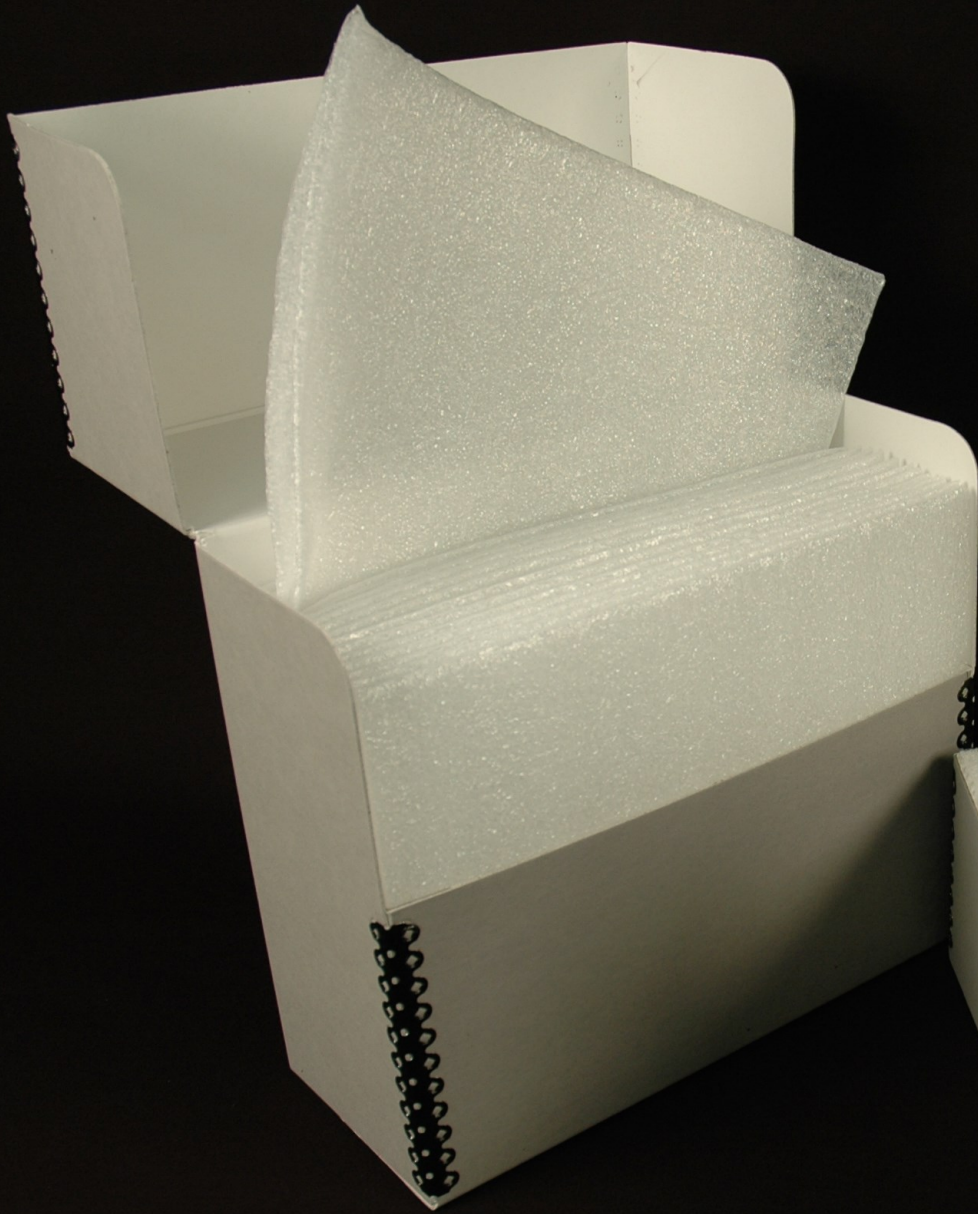
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De-Perlo





P0625
Patch











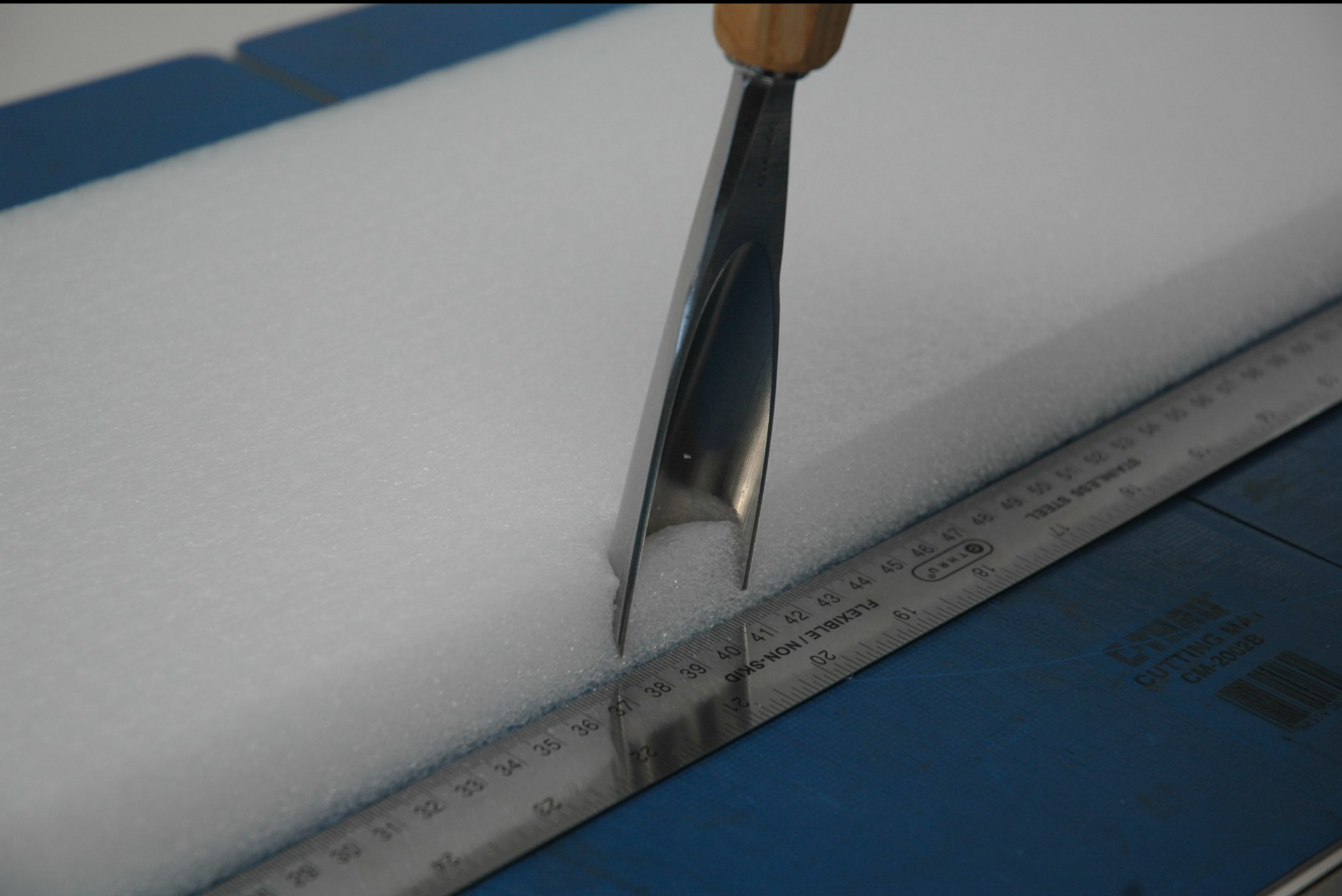
























edra Archives
in Dublin
Range 7
1944-1945
1946-1947



MULTIMEDIA ARCHIVES
Rack 1000

DATE	TIME	USER
10/10/2001	10:00	ADMIN
10/10/2001	10:00	ADMIN
10/10/2001	10:00	ADMIN

MULTIMEDIA ARCHIVES
Rack 1000

MULTIMEDIA ARCHIVES
Rack 1000

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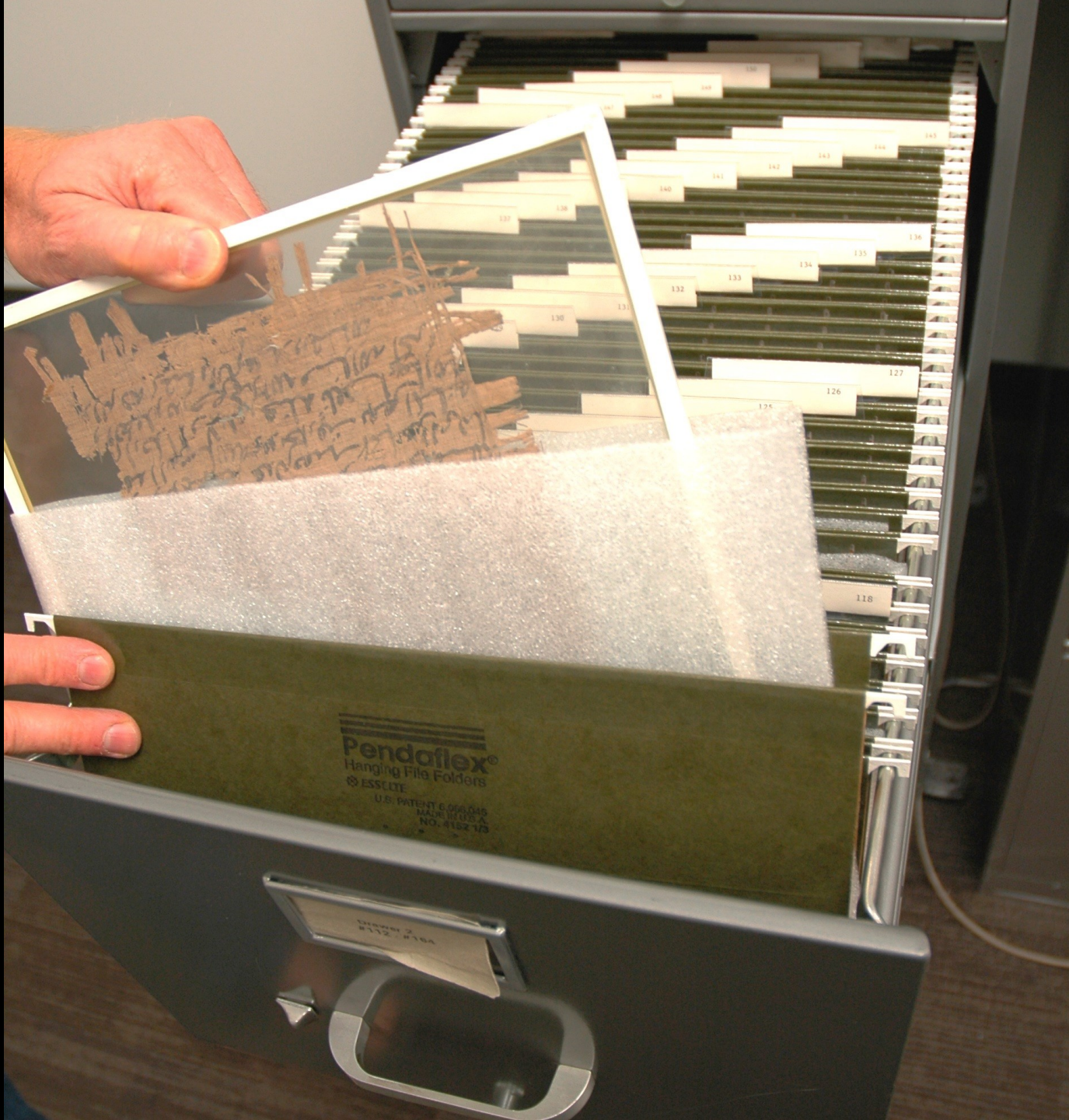
Seismic Protection Program



LOCKED POSITION

EXAMPLE 2: PAPYRUS STORED IN GLASS MOUNTS





Pendaflex®
Hanging File Folders
ESSECTE
U.S. PATENT 6,066,040
MADE IN U.S.A.
NO. #182 1/2

MODEL 2
#112 - #18A

81-485.466-10

Handwritten Arabic text on a rectangular fragment of aged parchment, mounted in a white frame. The script is a cursive style, likely Maghrebi or similar, with some ink bleed-through from the reverse side. The text is arranged in several lines across the fragment.

Fragmentary handwritten Arabic text on a rectangular piece of parchment, mounted in a white frame. The text is partially obscured by the overlapping edges of other fragments and is difficult to read in full. Some legible words include "الله" (Allah) and "محمد" (Muhammad).

A long, narrow strip of parchment with handwritten Arabic text, mounted in a white frame. The text is written in a cursive script and appears to be a continuation of the text found in other fragments. The parchment shows signs of age and wear.

A long, narrow strip of parchment featuring a highly decorative and intricate geometric and floral pattern. The design is symmetrical and complex, typical of Islamic art. The parchment is mounted in a white frame.



Section 3		
F002	F700	F1000
F003	F701	F1001
F004	F702	F1002
F005	F703	F1003
F006	F704	F1004
F007	F705	F1005
F008	F706	F1006
F009	F707	F1007
F010	F708	F1008

Section 3





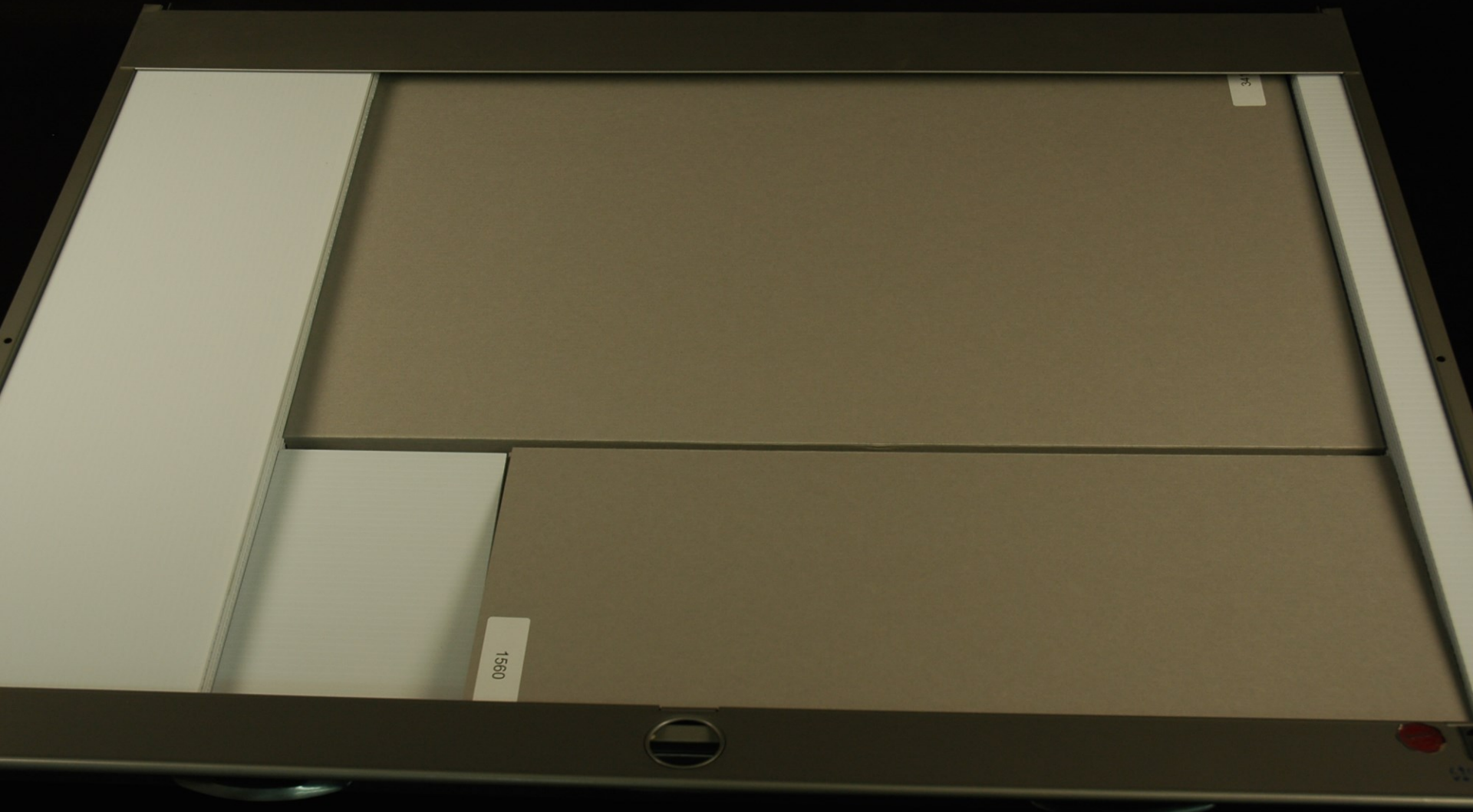
351

101-485,486-15



351

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34

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152

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152

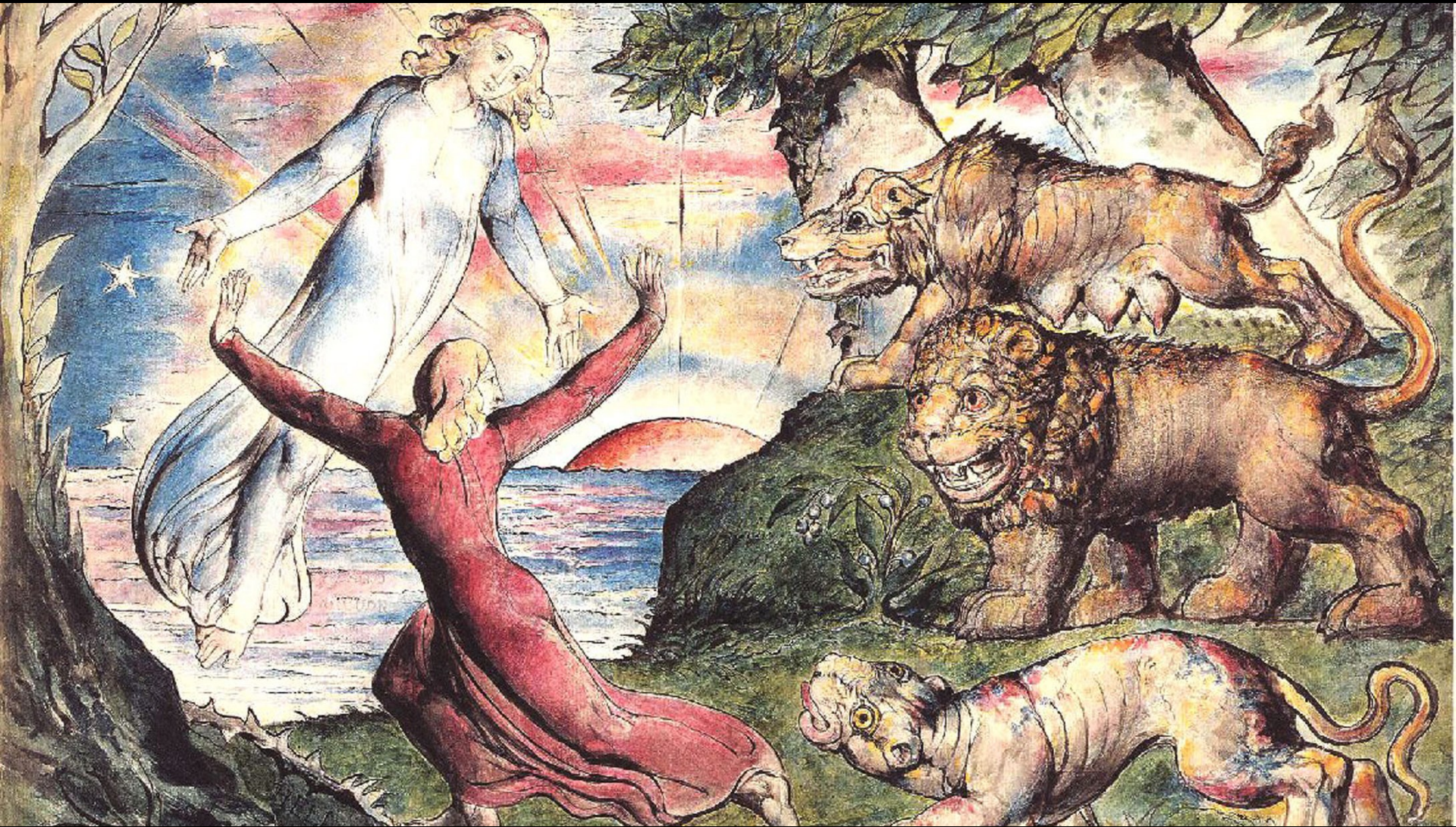
340

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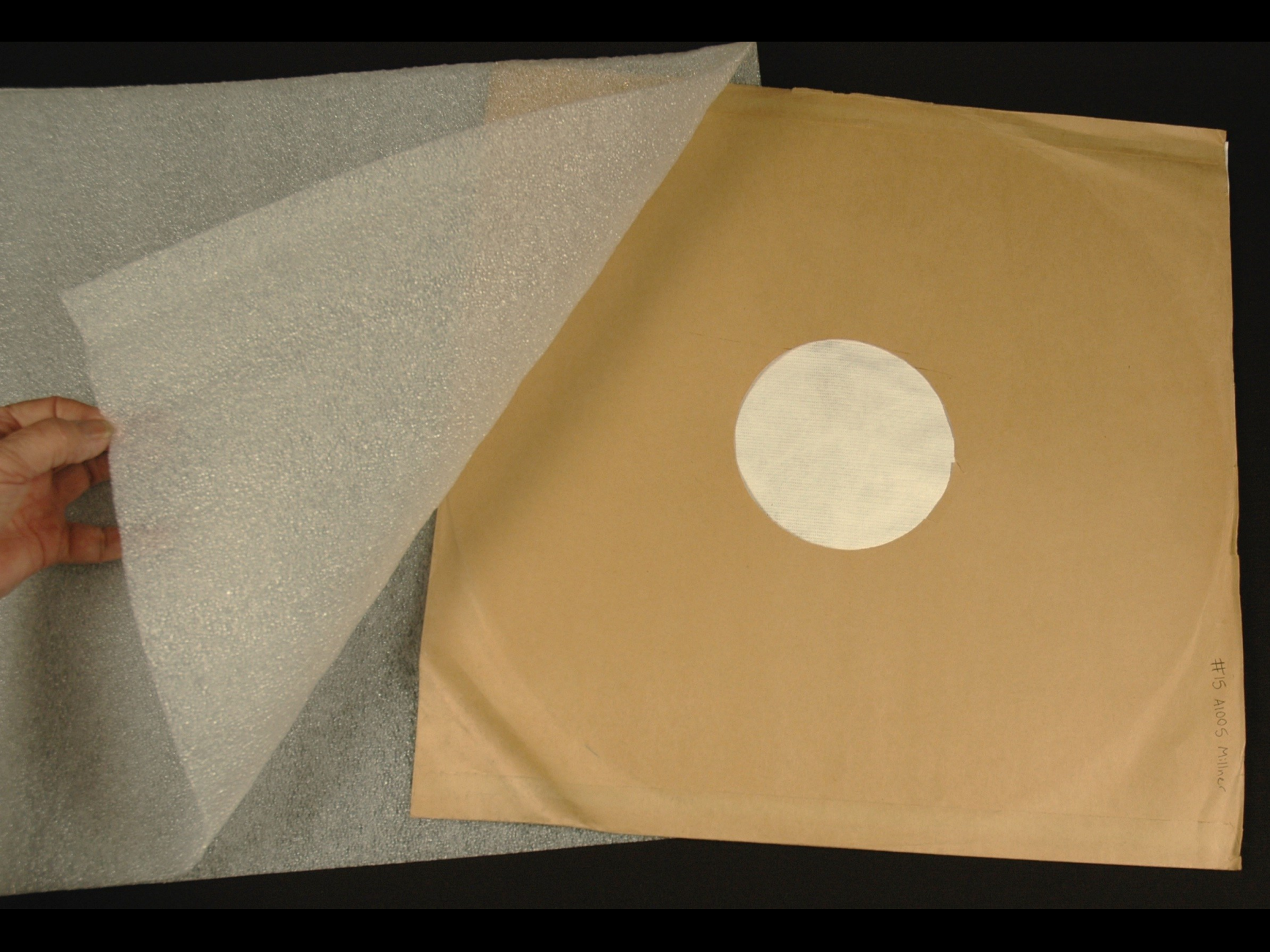
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151 1555 1556

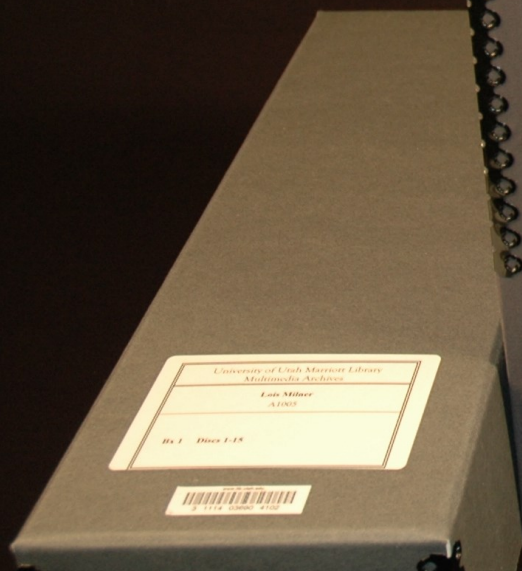
EXAMPLE 3: ACETATE TRANSCRIPTION DISCS







#15 A1005 Miller



University of Utah Marriott Library
Anthropology Archives
L. Lee Miller
A1005
Box 1 - Discs 1-15



University of Utah Marriott Library
Multimedia Archives
Lois Milner
A1095
Bx 2 Discs 16-30



University of Utah Marriott Library
Multimedia Archives
Lois Milner
A1095
Bx 7 Discs 88-103



University of Utah Marriott Library
Multimedia Archives
Lois Milner
A1095
Bx 8 Discs 104-119





500 LBS
MAX LOAD

DANGER
STARTS
AUTOMATICALLY

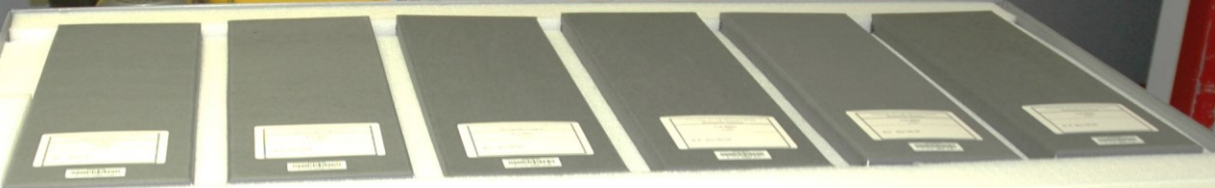
**NO
RIDERS**



*Material picked from robot 3 should
NEVER go to reserve. It must ALWAYS
be placed on the bottom shelf of the
red cart located by the ARC door.*

ROBOT 3
RESTRICTED: RETURNS BY
FULL TIME ONLY!
ALL ITEMS RETRIEVED MUST
NOT LEAVE THE ROOM
(BOTTOM OF RED CART!)
CONTENTS:

500 LBS
MAX LOAD



HK SYSTEMS Mini-load

ROBOT 3
RESTRICTED: RETURNS BY
ONLY!



500 LBS

SYSTEMS



500 LBS
MAX LO

SYSTEMS

EXAMPLE 4: HANGING AND HOUSING PAINTINGS
















Yoshi Nakamura
Professor of Education
Tokyo Ritsumeikan University



A photograph showing a hand holding a utility knife against a white wall. Above the wall is a framed portrait of Haile Selassie. A brass plaque is attached to the bottom of the portrait frame, containing text. The wall below the frame has some faint, illegible markings.

Haile Selassie
Emperor of Ethiopia
President, Haile Selassie I University



King Felipe VI of Spain
Painted by the artist of the Spanish Royal Household

















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EXAMPLE 5: NASA SATURN V MOON ROCKET MODEL





SATURN V
1:48 SCALE

C

B









QUESTIONS?

randy.silverman@utah.edu

