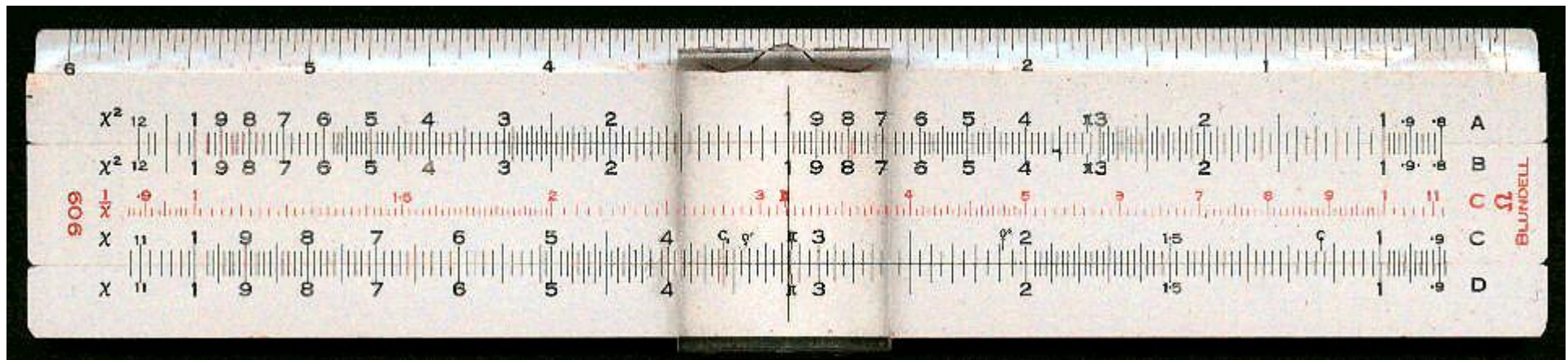


Képek a logarléc evolúciójából

dr. Szalkai István
2017.



balkezes-loglec.gif



Korlog-Breitling.jpg



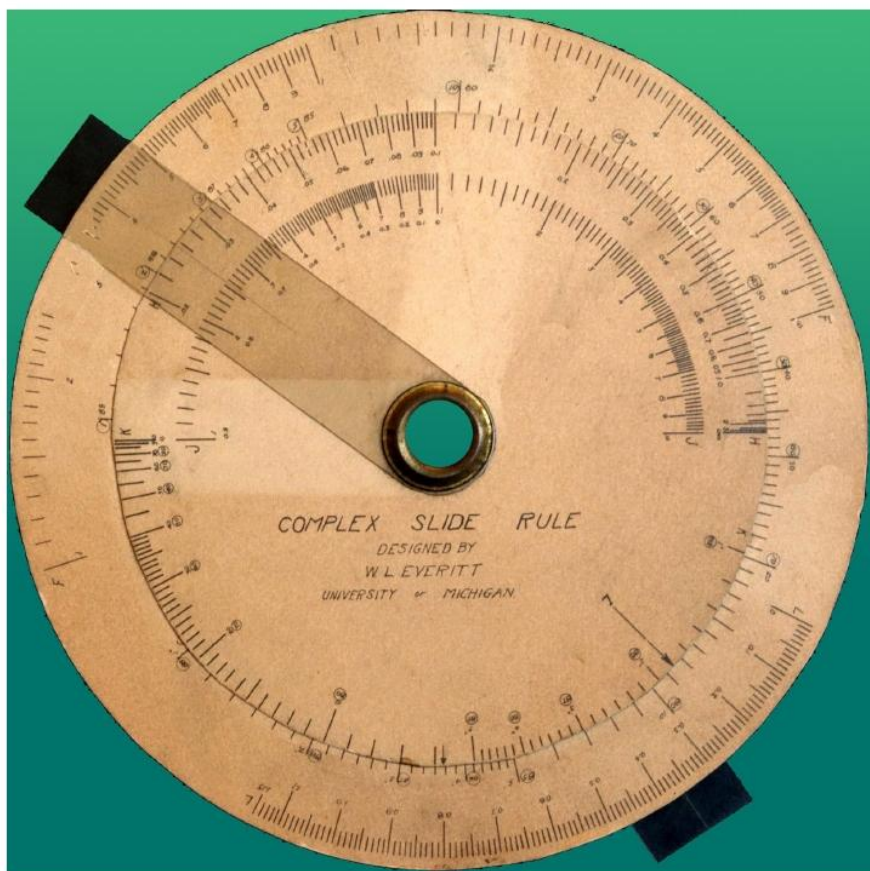
Log-gyuru2.jpg



Log-ora-TagHeuer.jpg



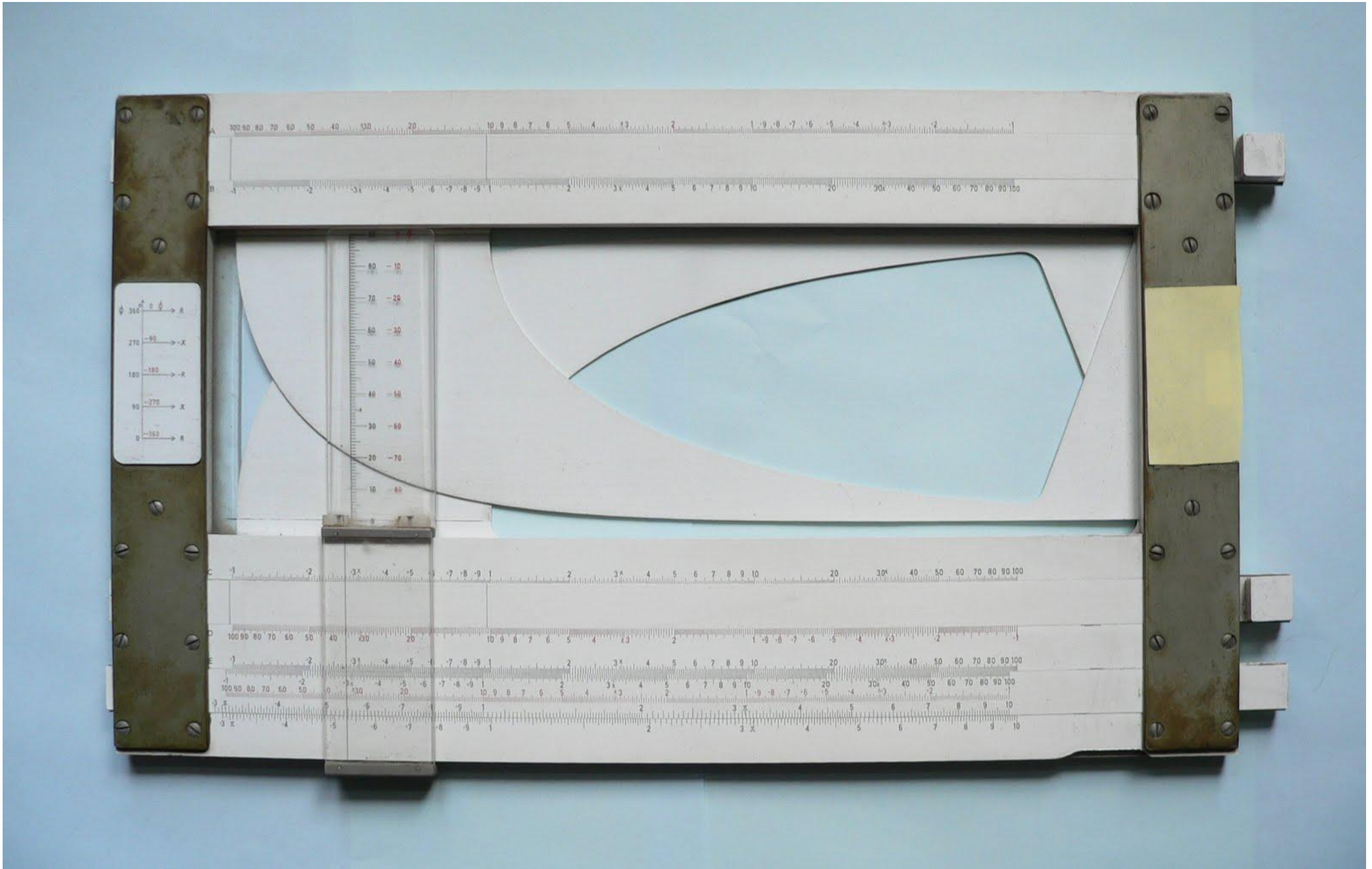
JOURNAL OF THE OUGHTRED SOCIETY



THE EVERITT COMPLEX HYPERBOLIC SLIDE RULE OF 1924

Hiperbolikus körlogarléc

Hyperbolic-JOS_21_1.jpg



komplex-loglec.jpg

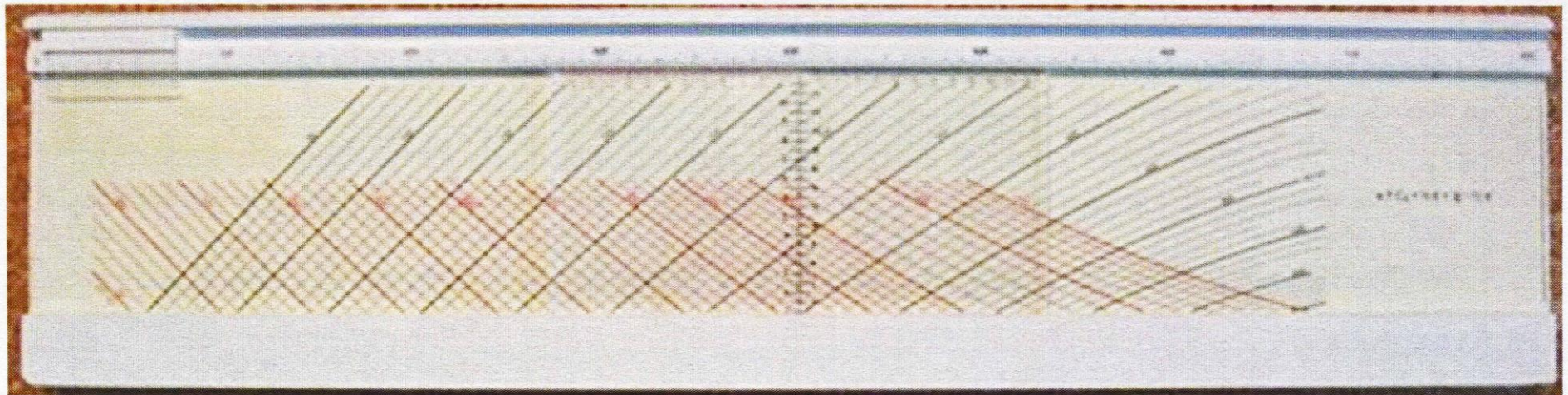
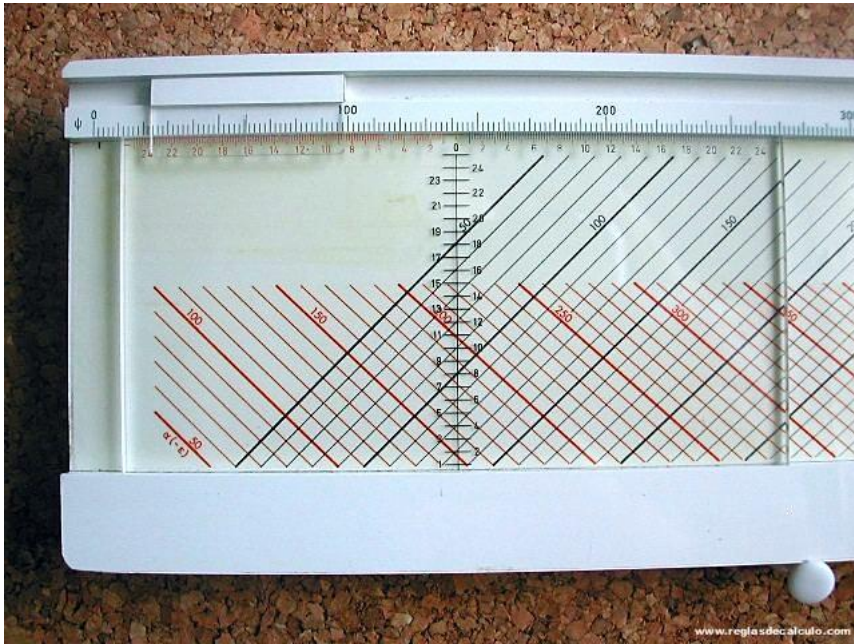
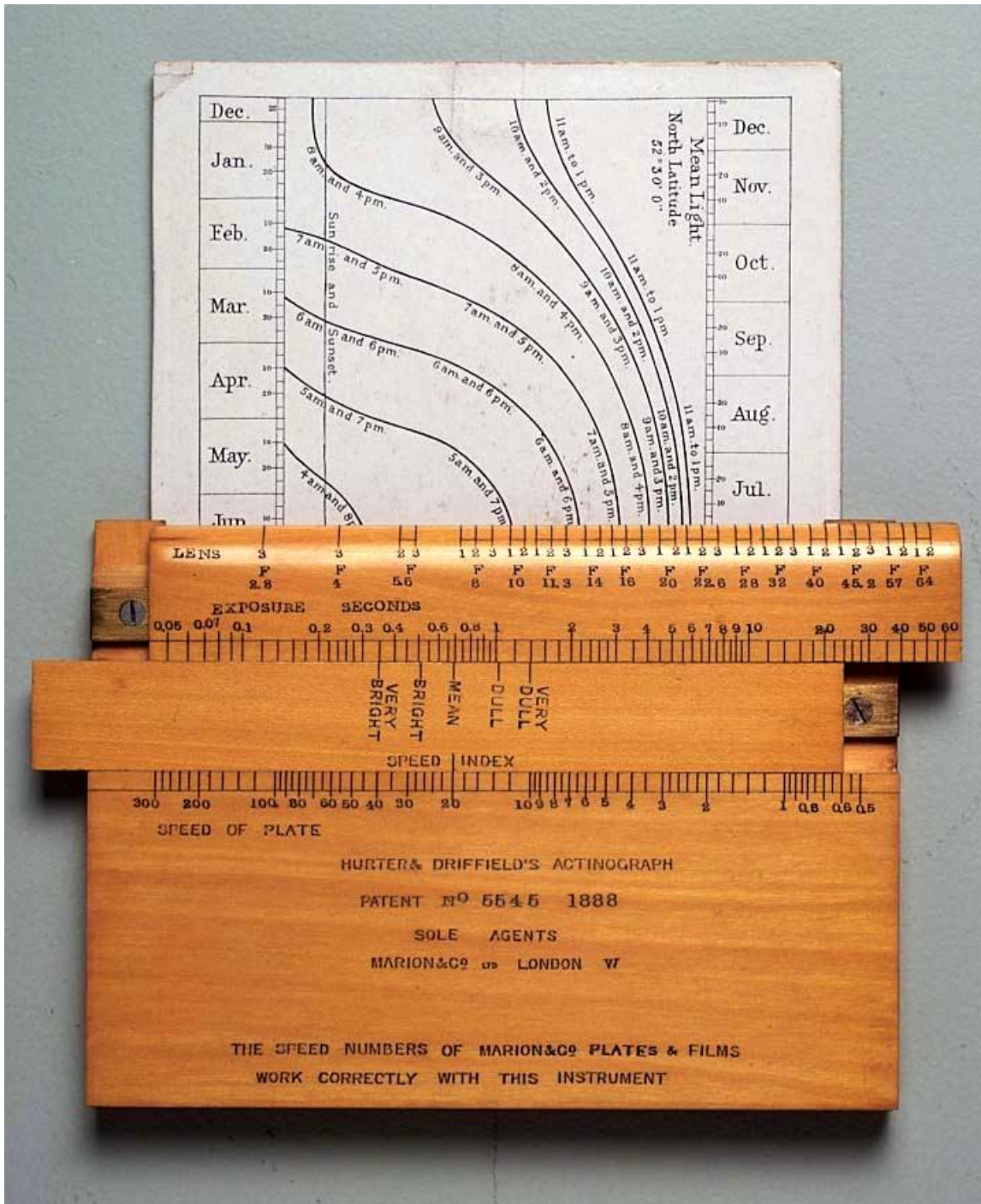


FIGURE 5. Aristo 90120 "Rivera Patent"

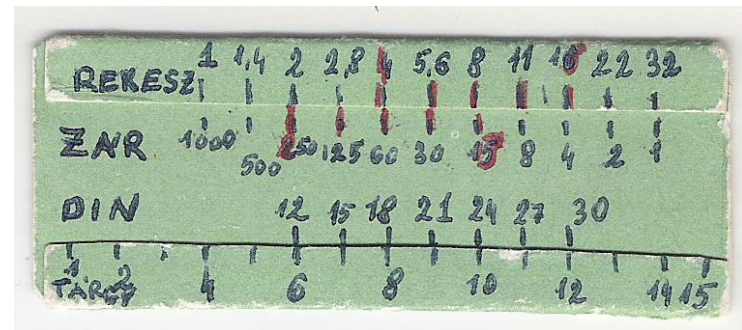
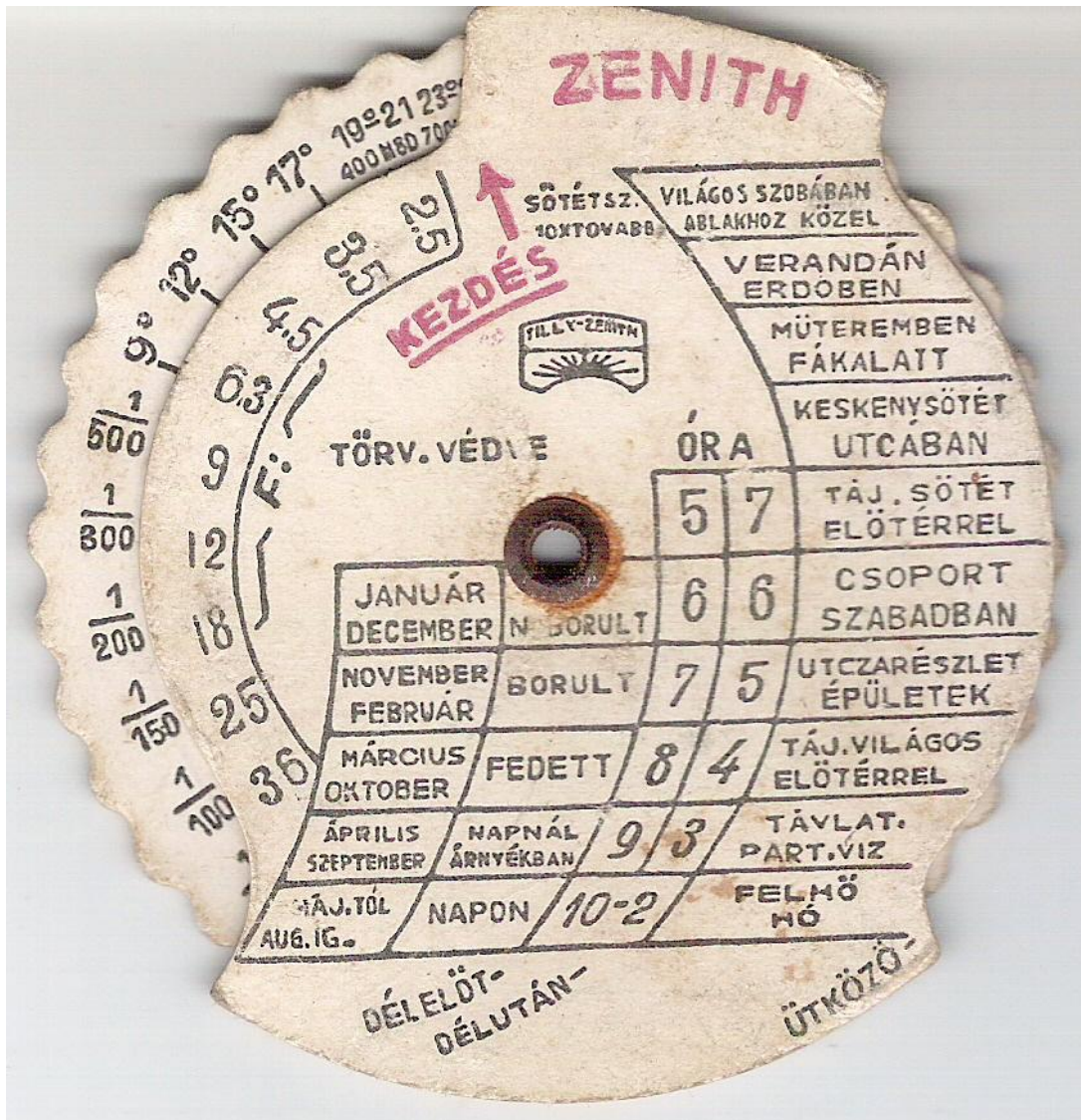
<http://coleccion.reglasdecalculo.com/aristo/90120.htm>

Aristo-90120_revder_2.jpg, Aristo-90120-.jpg

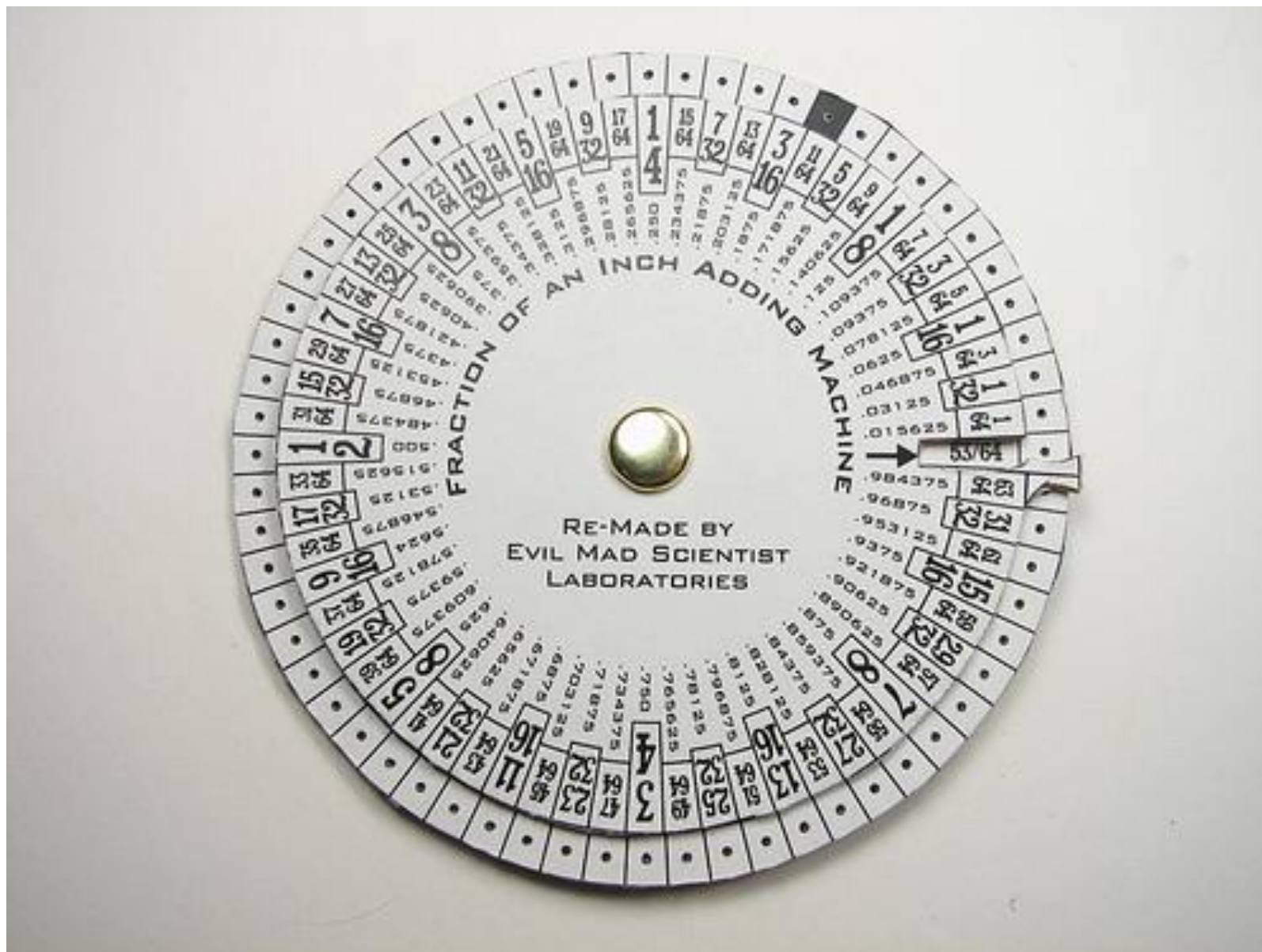


A napsugárzás változása a hónapok és a napszakok függvényében.

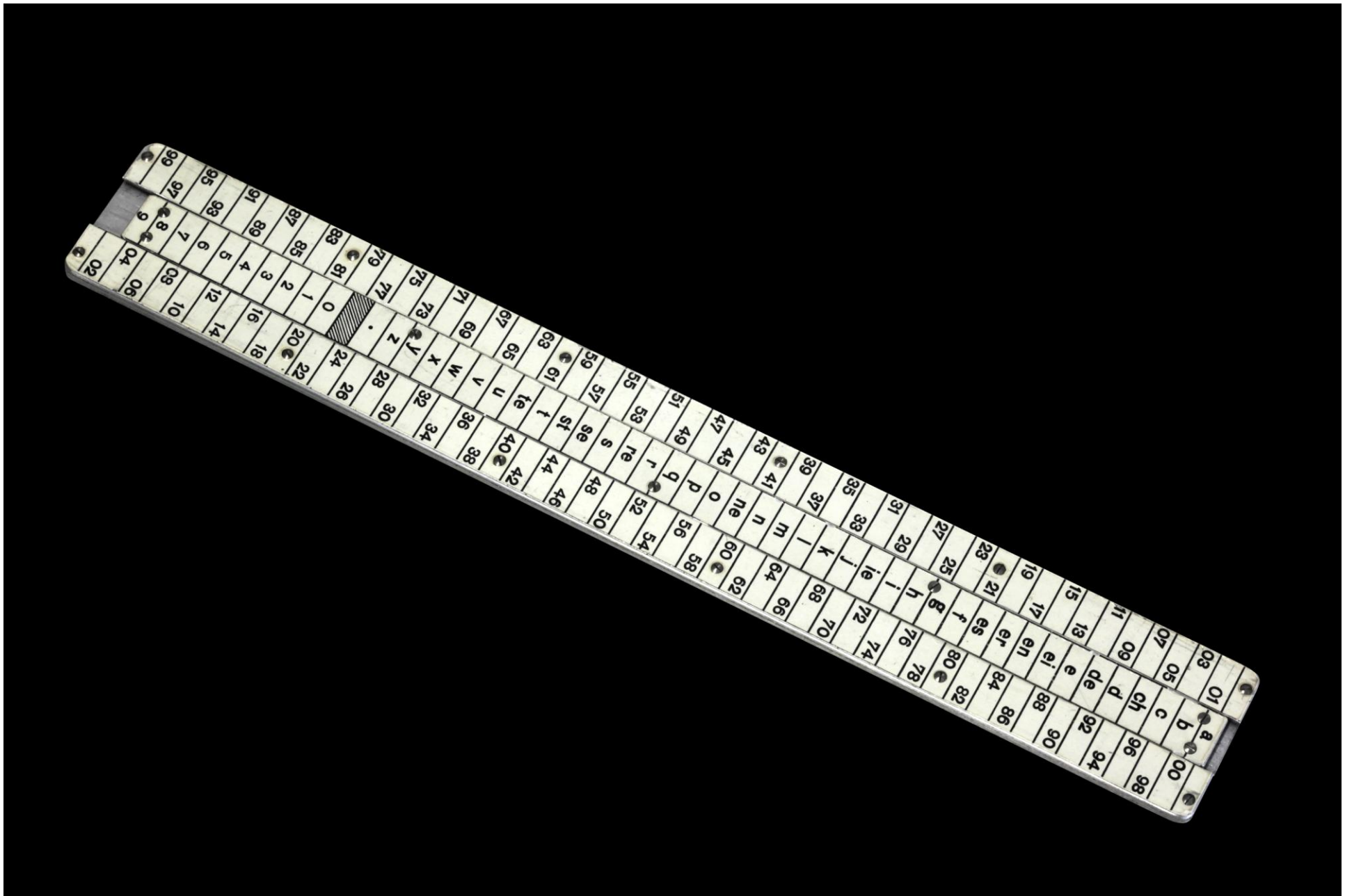
Actinograph-Hurter-Driffield.jpg



Zenith-el-300.jpg, Fkp-loglec-sk-el.jpg



Törtösszadó, 1329517578_42db838617.jpg



Cryptographic_sliding_rule.jpg



Oroknaptar-Loglec.jpg

U.S. Department of Transportation
Federal Highway Administration

SI METRIC-ENGLISH CONVERTER

EQUIVALENCY RELATIONSHIPS

Area	1 ha = 2.47 acres
Energy	1 J = 0.74 ft•lbf
Power	1 kW = 1.34 hp 1 W = 0.74 ft•lbf/s
Pressure	1 Pa = 0.021 lbf/ft ²

DERIVED SI UNITS

Force	N = kg • m/s ²
Pressure	Pa = N/m ²
Energy	J = N•m
Power	W = J/s

LENGTH/DISTANCE

INCHES
8 9 10
200 250 300

MILLIMETERS
1 mm = 0.04 in

FEET
0.4 0.5 0.6 0.7 0.8 1.0 1.5

METERS
1 m = 3.28 ft

YARDS
5 6 7 8 9
2.5 3.0 4

METERS
1 m = 1.1 yd

MILES
2.5 3.0 4

KILOMETERS
1 km = 0.62 mi

AREA

SQ. INCHES
20 25 30 40
60 80 100 40

SQ. CENTIMETERS
(x 100 = sq. mm)
1 m² = 1.2 yd²

SQ. YARDS
20 25 30
20 25 30

SQ. METERS

FORCE

LBS. FORCE
60 80 100 400
200 250 300

NEWTON
1 N = 0.225 lbf

POUNDS
150 200 25
80 100

KILOGRAMS
1 kg = 2.21 lb

TONS
60 80 100
60 80 100

METRIC TONS
1 metric ton = 1.10 ton (short)

MASS

VOLUME

GALLONS
500 600 800
00 2000 30

LITERS
1 L = 0.264 gal
1 m³ = 1 000 L

CUBIC YARDS
500 600 800
500 600 800

CUBIC METERS

USDOT SI Metric-English Converter Slide Rule

Pavlov's Dog A digital simulation of an analog simulation!
The Animated Software Company www.animatedsoftware.com

Metric-converter0.png

Adobe Flash Player 25
File View Control Help

Metric-English Converter

VOLUME

GALLONS

LITERS

1 L = 0.264 gal
1 m³ = 1 000 L

CUBIC YARDS

CUBIC METERS

USDOT SI Metric-English Converter Slide Rule

Statistics Explained
Troubled by Statistics? We have a solution!
Learn the algebra behind basic statistical formulae from The Animated Software Company

Metric-converter2.png

FAMOUS HIRAM WALKER BRANDS

Walker's
DeLuxe

BOURBON
STRAIGHT BOURBON WHISKEY
90.4 PROOF

"Canadian Club"

IS BLENDED CANADIAN WHISKY 90.4 PROOF
IMPORTED FROM WALKERVILLE, ONTARIO, CANADA

IMPERIAL

BLENDED WHISKEY, 86 PROOF 70% GRAIN NEUTRAL SPIRITS

Hiram Walker & Sons Inc., Peoria, Illinois

HIRAM
WALKER'S
Distilled London Dry
GIN

90 PROOF DISTILLED FROM
100% AMERICAN GRAIN

PRINTED IN U.S.A.

NOTE: See correct glasses for serving drinks shown on insert slide.



Old Fashioned



8 oz. Highball



Champagne Glass



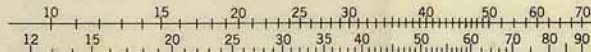
Moscow Mule

PULL

COPYRIGHT 1951

TO FIGURE THE COST PER DRINK MOVE RED POINTER under price paid per case. Top of scale shows case price of fifths; scale below it, case price of quarts.

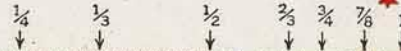
Arrows on middle scale show size of drink (in ounces) and arrows point to figures on bottom scale indicating cost per drink (in cents).



COST PER CASE 12 FIFTHS
12 QUARTS OR 24 PINTS



OUNCES
IN DRINK



COST CENTS
PER DRINK



SYMBOL

DRINK † 25

NUMBER

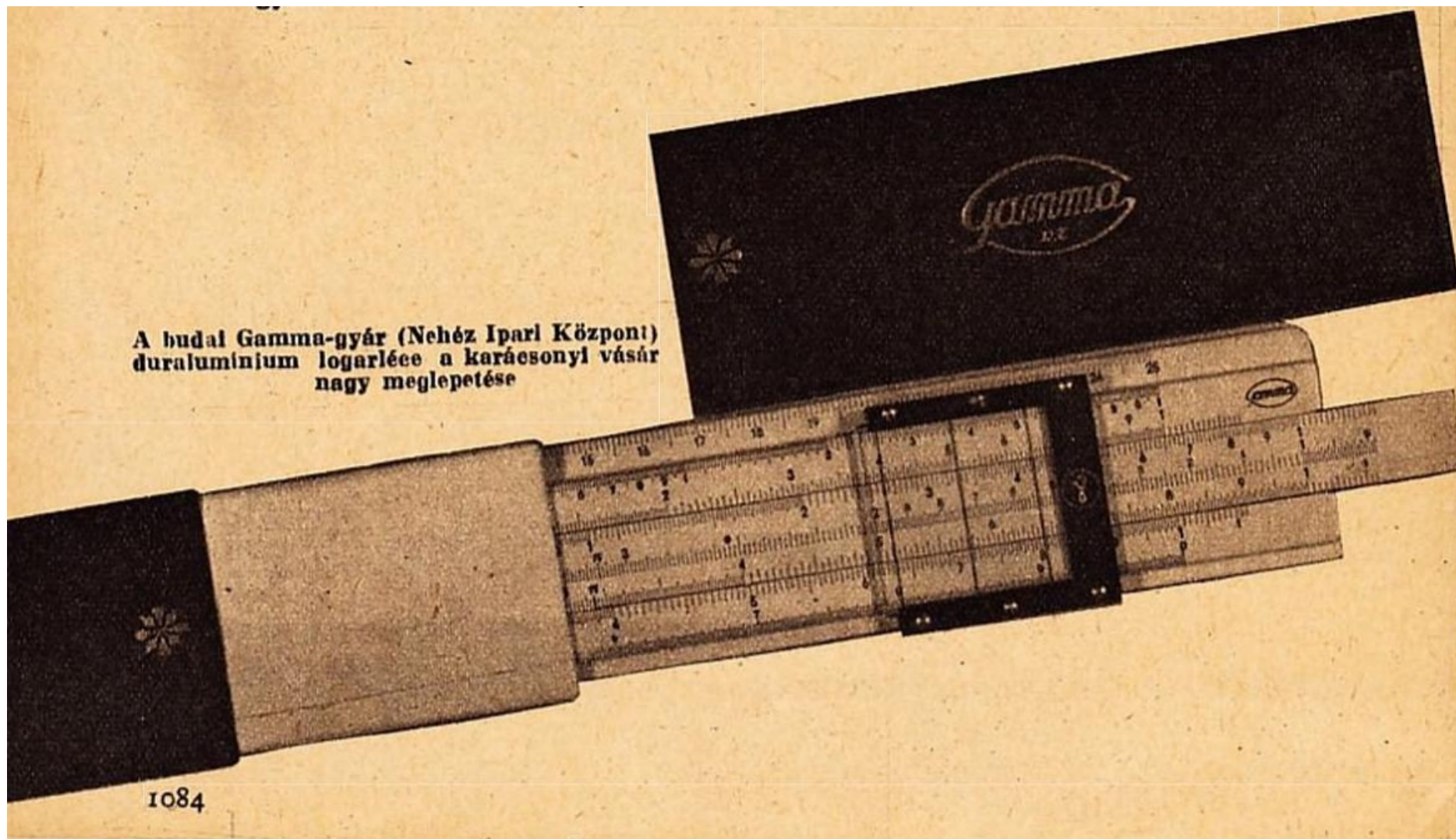
SYMBOL

1. Alexander	♀ TEASPOONFUL	CANADIAN CLUB	1	WALKER'S DE LUXE	A ANGOSTURA BITTERS	24. John Collins
2. Angel's Tip	♀ 2 TEASPOONSFUL	IMPERIAL BY HIRAM WALKER	1	HIRAM WALKER'S DISTILLED LONDON DRY GIN - 90 Proof	O ORANGE BITTERS	25. Manhattan Dry
3. Bacardi	♀ 2 TEASPOONSFUL	HIRAM WALKER'S ORANGE CURACAO - 60 Proof	1	HIRAM WALKER'S WHITE CREME DE MENTHE - 60 Proof	P PERNOD BITTERS	26. Martini
4. Bloody Mary	♀ 1/2 TEASPOONFUL	HIRAM WALKER'S KUMMEL - 80 Proof	1	HIRAM WALKER'S CREME DE CACAO - 60 Proof	c CRACKED ICE	27. Mint Julep
5. Brandy Cocktail	∴ DUST WITH NUTMEG	HIRAM WALKER'S VODKA - 80-100 Proof	1	HIRAM WALKER'S TRIPLE SEC - 80 Proof	□ ICE CUBES	28. Moscow Mule
6. Bronx	- DASH	HIRAM WALKER'S GREEN CREME DE MENTHE - 60 Proof	1	HIRAM WALKER'S PEPPER-MINT SCHNAPPS - 60 Proof	L PEEL	29. New Orleans
7. Champagne Cocktail	♣ MARASCHINO CHERRY	HIRAM WALKER'S CHERRY BRANDY - 70 Proof	1	HEAVY RUM	e OLIVE	30. Old Fashioned
8. Clover Club	J STRAINED JUICE	HIRAM WALKER'S ANISETTE - 60 Proof	1	LIGHT RUM	~ POUR OVER ICE	31. Orange Blossom
9. Creme de Menthe Frappe	F FILL	LEMON	J	BRANDY	S SLICED FRUIT	32. Pink Lady
10. Cuba Libre	M MINT SPRIG	ORANGE	A-	BITTERS	N ONION	33. Planter's Punch
11. Daiquiri	m MINT CRUSHED	LIME	1/4	ITALIAN VERMOUTH	Z SELTZER	34. Pousse Cafe
12. El Presidente	(1) POUR AS NOTED	SUGAR	c	FRENCH VERMOUTH		35. Sazerac
13. French 75	Read Black Figures This Side	CREAM	c	ICE		36. Screwdriver
14. Frozen Daiquiri		DECORATION	?	GRENADINE		37. Side Car
15. Gibson		SHAKE	↓	APPLE BRANDY		38. Singapore Sling
16. Gin Buck		STIR	XX	STRAIN	Read Red Figures This Side	39. Snapper
17. Gin Fizz						40. Stinger Dry
18. Gin Rickey						41. Tam Collins
19. Gin & Tonic						42. Two Striper
20. Grasshopper						43. Ward Eight
21. Green Dragon						44. Whisky Collins
22. Horse's Neck						45. Whiskey Flip
23. Hot Toddy						46. Whiskey Sour

PULL

MIX WITH HIRAM WALKER'S TOP QUALITY CORDIALS OR FRUIT FLAVORED BRANDIES

Whisky-3303.jpg, Whisky-3305.jpg



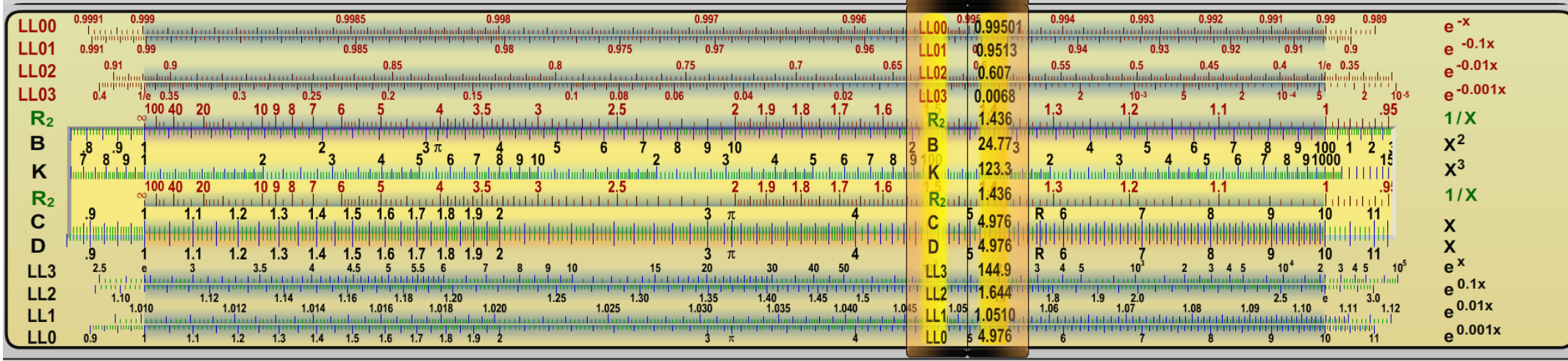
ET-1947dec-loglec.png

"A karácsonyi vásár nagy slágere" (1947)



HM-Logar-Misi.jpg

Digital Virtual Analog Slide Rule by Ace Hoffman



Ace-DigitalSlideRule-170303-RC.png

Hoffman, Ace: *Digital Slide Rule*

<http://www.animatedsoftware.com/elearning/DigitalSlideRule/index.html>

Irodalom:



The Oughtred Society (USA) <http://www.oughtred.org/>

[1] **Hoffman, Ace:** *Digital Slide Rules*,

<http://www.animatedsoftware.com/elearning/DigitalSlideRule/index.html>

[2] **Wikipédia:** *Logarléc*, <https://hu.wikipedia.org/wiki/Logarléc>

[3] **Wikipedia:** *Slide rule*, https://en.wikipedia.org/wiki/Slide_rule