

*The 5<sup>th</sup> International Conference on Watermarks in Digital Collections ,  
16-17 October, Cork, Ireland*

## The digital watermark collection of the General State Archives of Greece (G.S.A):

repertory, classification and origin of the early 19<sup>th</sup> century watermarks



Museo della carta,  
Pescia, Italy

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Department of Conservation and Preservation,  
General State Archives of Greece, Athens

282 motifs

and countermarks

*SYMBOLISM*

*PAPERMAKER, MILL & LOCATION*



## COAT OF ARMS

*Congress of Vienna (1815)*



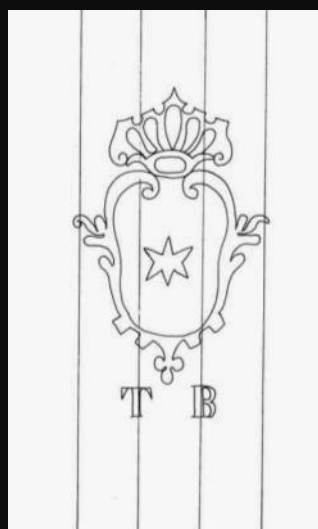
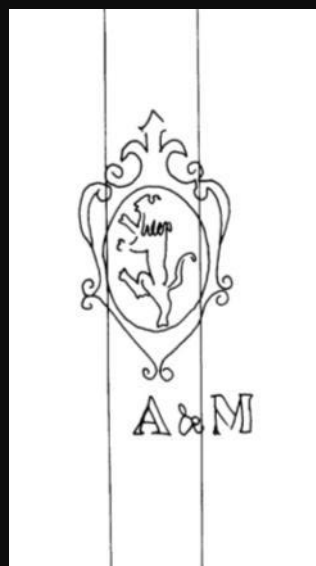
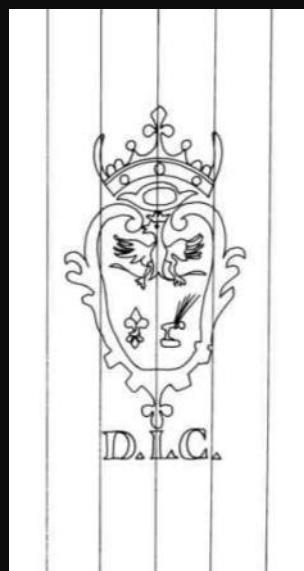
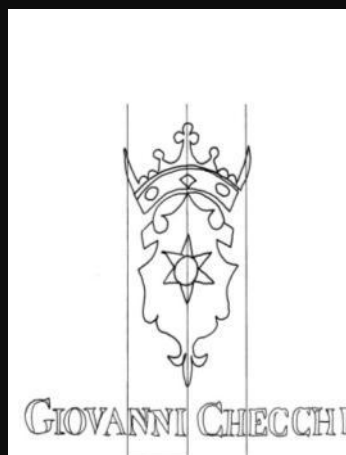
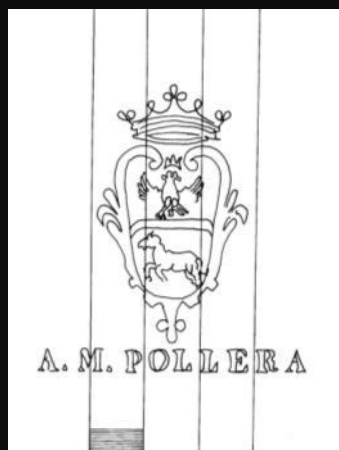
78 house/family coat of arms  
(Tuscany and Sardinia)



double-headed eagle  
(Lombardy – Veneto)

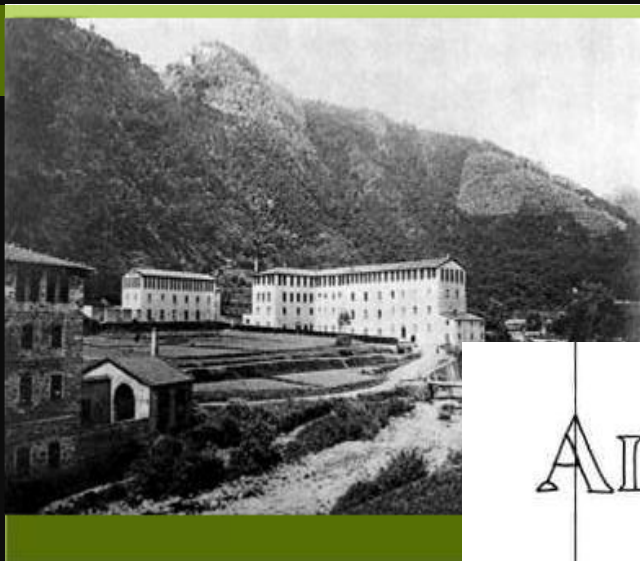


# COAT OF ARMS

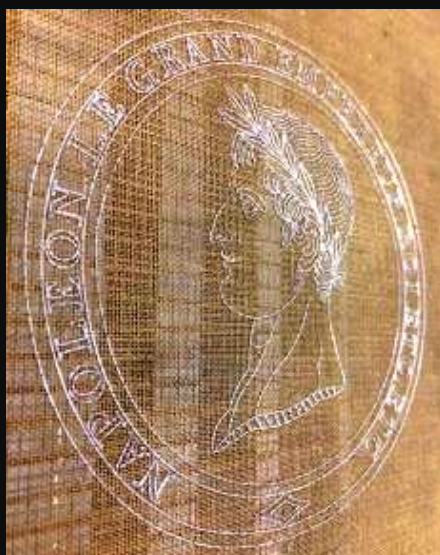
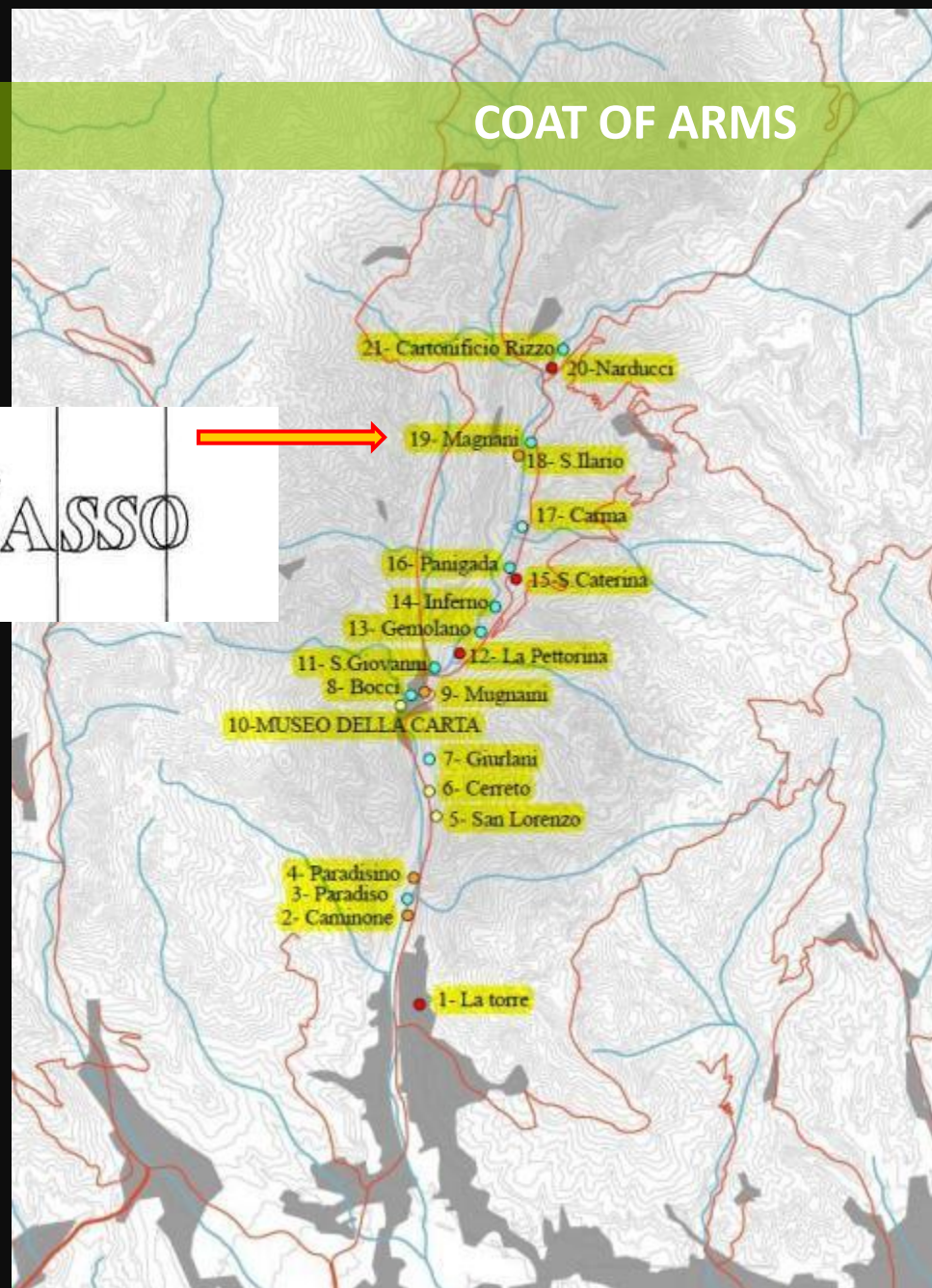




## COAT OF ARMS

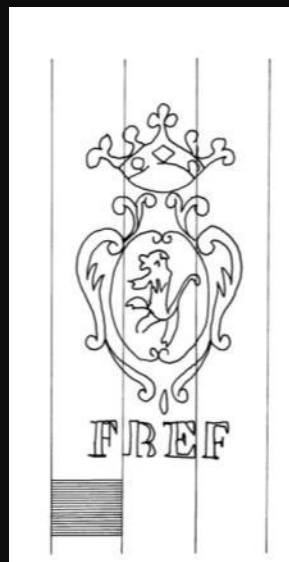
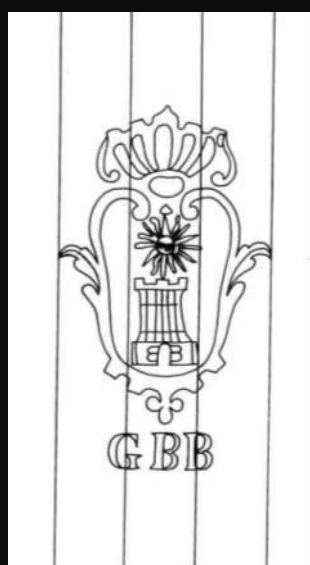
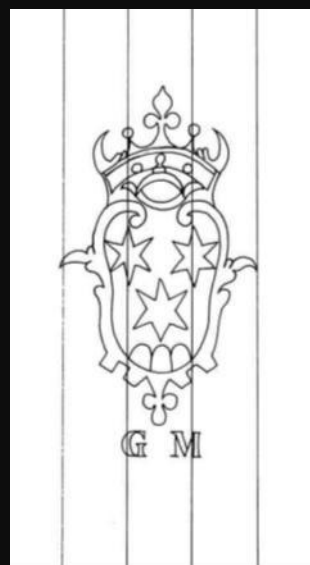


ALMASSO



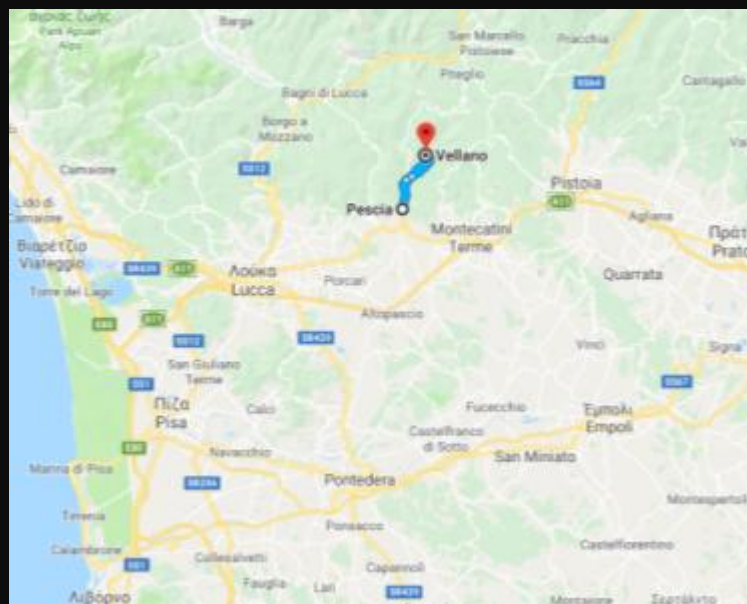
*MAGNANI mould, 1810*

## COAT OF ARMS

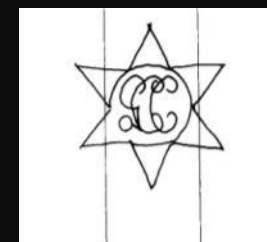
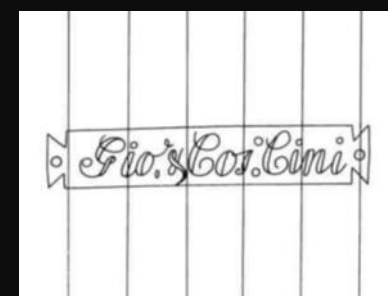
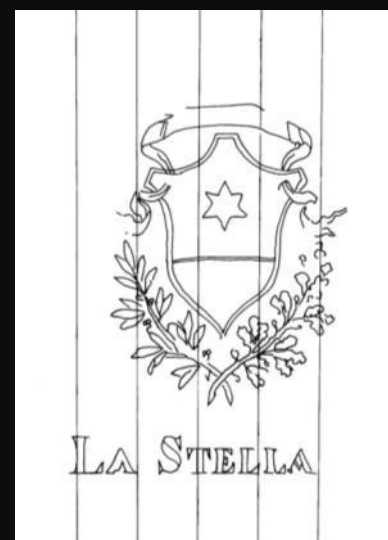
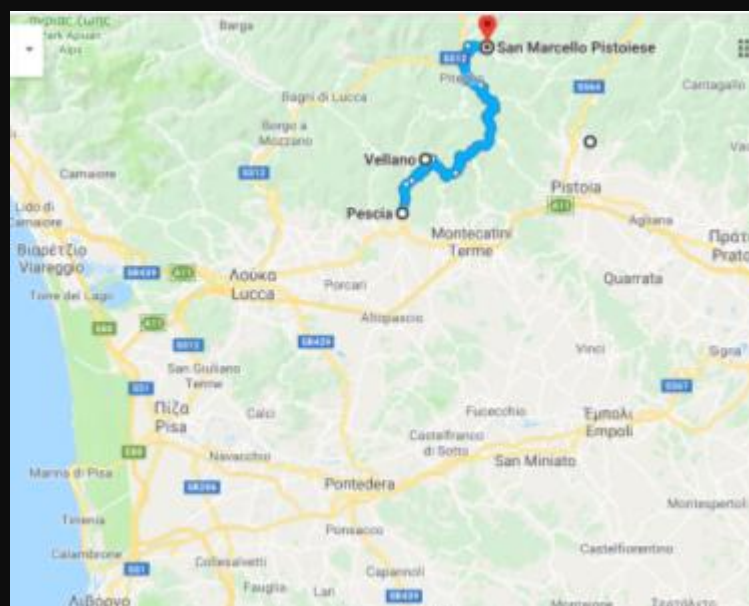




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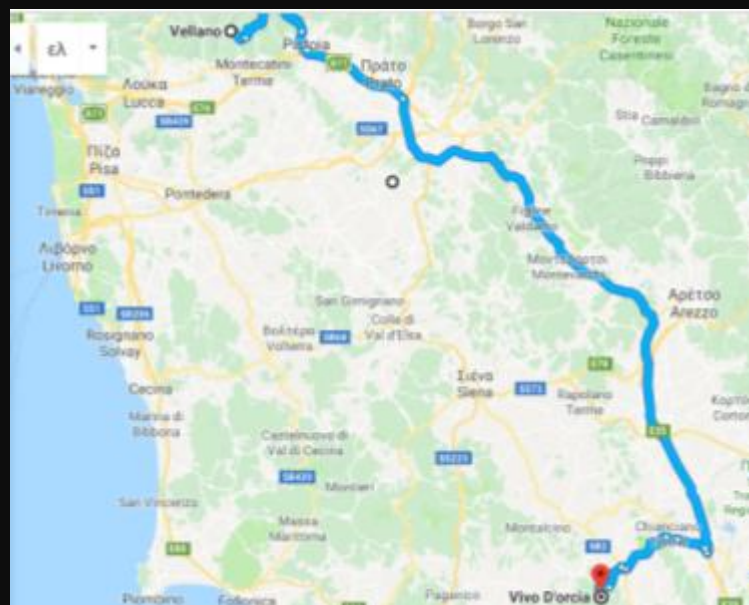


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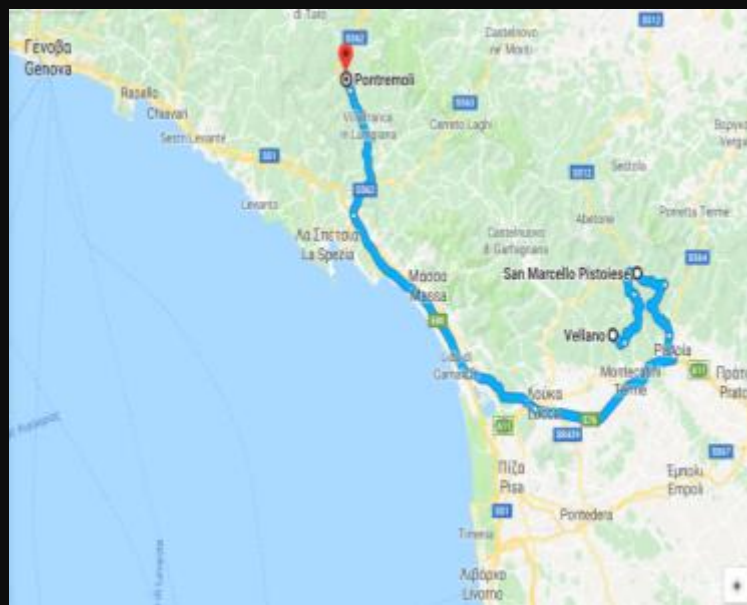
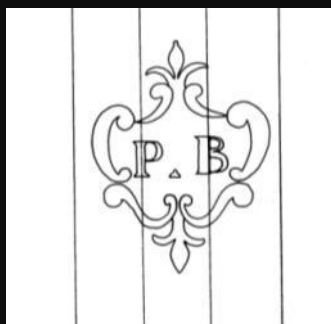




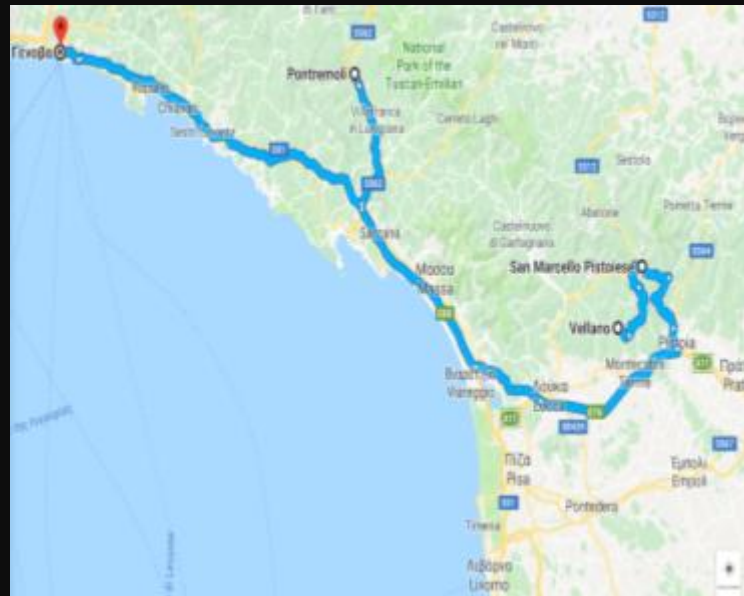
## COAT OF ARMS



## COAT OF ARMS



**COAT OF ARMS**

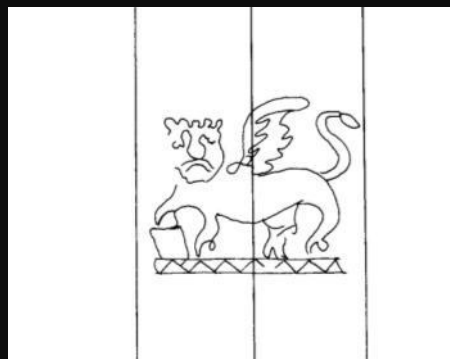




*Dartford, Kent*



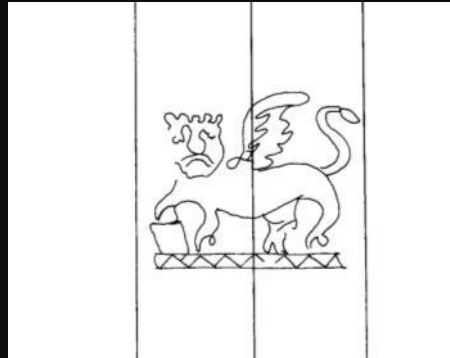
## fauna/tetrapod/ LION



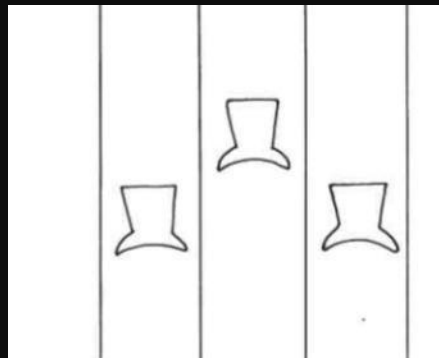
the lion of St. Mark



## LION and HATS



## the lion of St. Mark



three hats / tre capelli

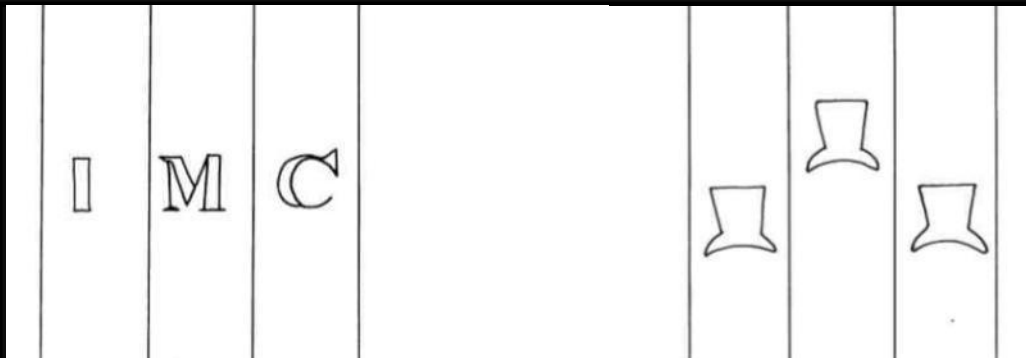




# LION and HATS



the lion of St. Mark

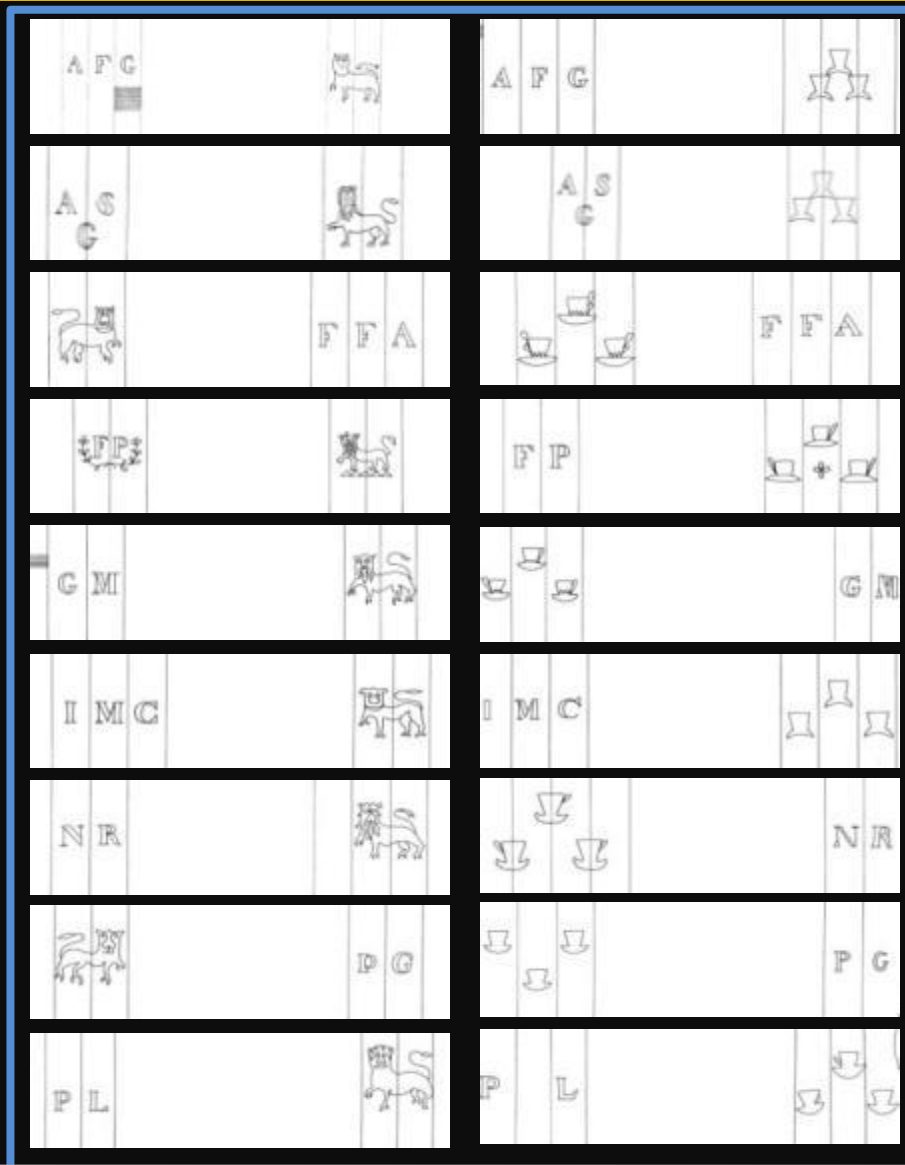


three hats / tre capelli



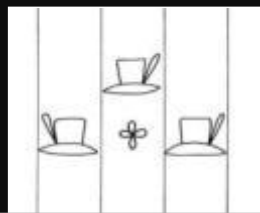
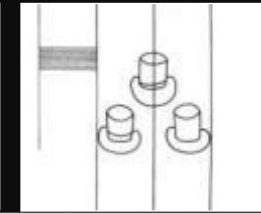
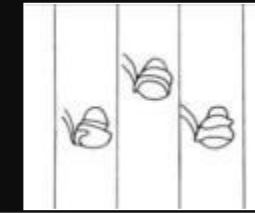
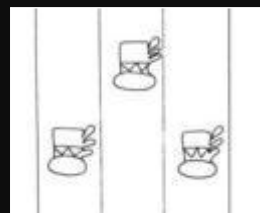
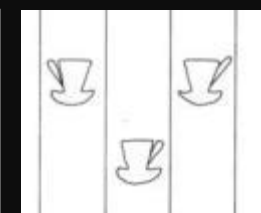
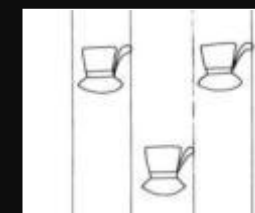
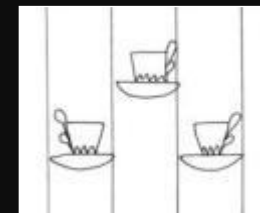
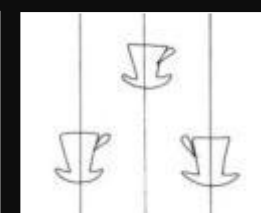
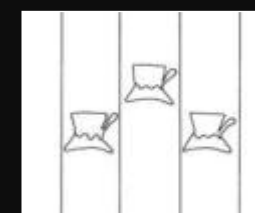
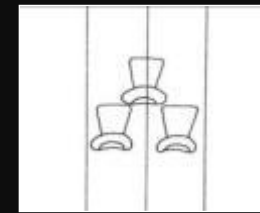
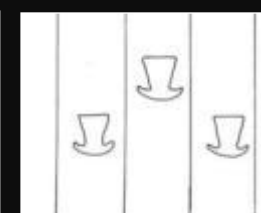
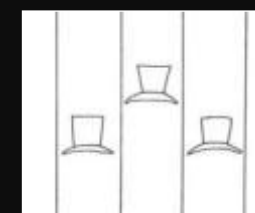
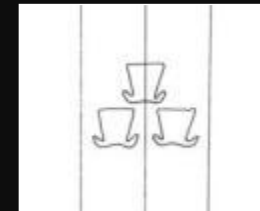
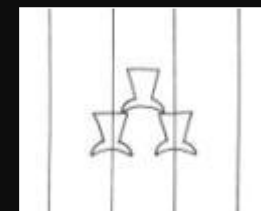
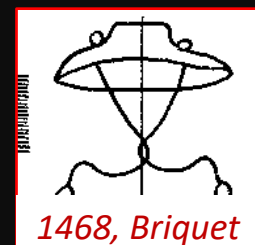
## LION and HATS

	LION initials	I.D
1	A DE M	47
2	AFG	179
3	AG	No
4	AS G	212
5	FFA	89
6	FP [floral wreath]	81
7	GM	21
8	GV	238
9	IMC	50, 159
10	NR	91, 172, 191
11	PG	59
12	PL	92
13	SAC	82
14	ST (MC)	No
15	TS	No
16	VAS / GM	127
17	unidentified	146



# realities/clothes/hat/ 3 HATS

	types initials	1 <sup>ST</sup>	2 <sup>ND</sup>	3 <sup>RD</sup>	4 <sup>TH</sup>	5 <sup>TH</sup>	6 <sup>TH</sup>	7 <sup>TH</sup>	8 <sup>TH</sup>	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>	13 <sup>TH</sup>	Other
1	ASG	34													
2	CN/GN													26 (2 <sup>nd</sup> )	
3	CN					210									
4	CT										73				
5	DC/DG		54												
6	FP														22, 76 flower
7	IMC	240													
8	LT													75 (1 <sup>st</sup> )	
9	PL	249													
10	FT							130	208						
11	NR				14, 74, 186, 224						15				
12	VCF	223				71									
13	CP Euro- borous	23, 39, 40, 53, 83	79, 98, 211						78						
14	FFA				137				72		90				
15	VE	25						69, 77							68 (2/1)
16	AFG, VG	22	209, 242	215									9, 10, 126, 136, 171		
17	GM	233			70				80					216 (2 <sup>nd</sup> )	
18	LV LV Euro- borous	49, 189 11, 12	176		175				154						
19	PG	177, 187	84 [GCD A]						24	95					



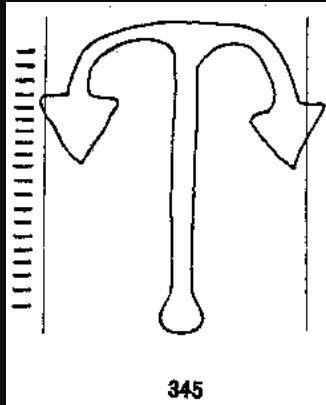


# realities/clothes/hat/ 3 HATS

	types	1 <sup>ST</sup>	2 <sup>ND</sup>	3 <sup>RD</sup>	4 <sup>TH</sup>	5 <sup>TH</sup>	6 <sup>TH</sup>	7 <sup>TH</sup>	8 <sup>TH</sup>	9 <sup>TH</sup>	10 <sup>TH</sup>	11 <sup>TH</sup>	12 <sup>TH</sup>	13 <sup>TH</sup>	Other
	initials														
1	ASG	93													
2	CN/GN													26 (2 <sup>nd</sup> )	
3	CN					210									
4	CT										73				
5	DC/DG		54												
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8	LT													75 (1 <sup>st</sup> )	
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10	FT							130	208						
11	NR				14, 74, 186, 224						15				
12	VCF	223				71									
13	CP Euro- borous	23, 39, 40, 53, 83	79, 98, 211						78						
14	FFA				137				72		90				
15	VE	25						69, 77							68 (2/1)
16	AFG, VG	22	209, 242	215									9, 10, 126, 136, 171		
17	GM	233			70				80					216 (2 <sup>nd</sup> )	
18	LV LV Euro- borous	49, 189	176		175				154						
		11, 12													
19	PG	177, 187	84 [GCD A]						24	95					



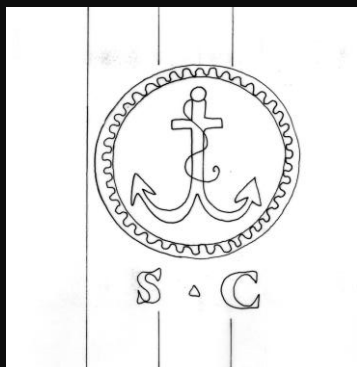
# realities/ ANCHOR



345

1376

Ch. Briquet



late 18<sup>th</sup> c.



Isola del Liri, Two Sicilies

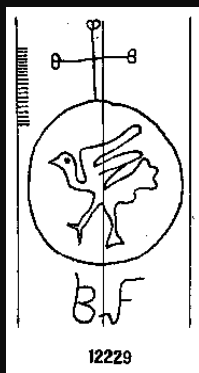
Pescia, Tuscany



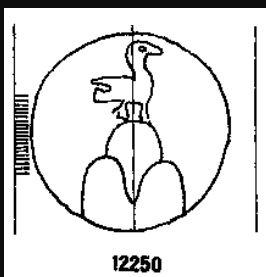
## fauna/ BIRD



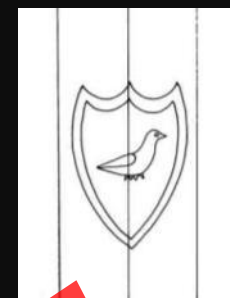
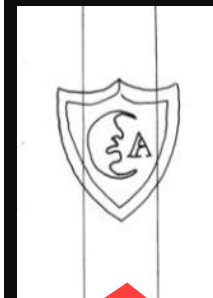
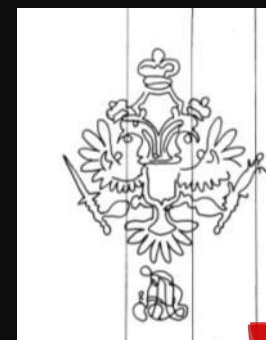
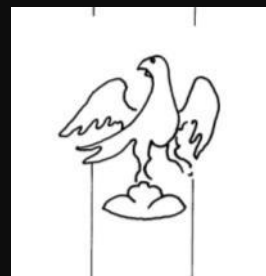
1370  
G. Piccard  
the eagle of St. John



1548  
Ch. Briquet  
bird in a circle/orb/ball



1572  
Ch. Briquet  
bird on triple mount



coat of arms/ BIRD

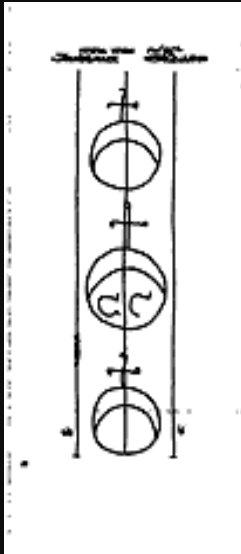


Umbria



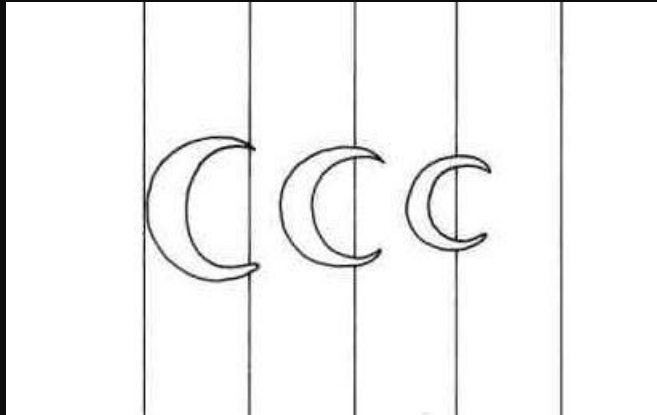
Siena

# luminaries/moon/ 3 MOONS



1542

G. Piccard



Tre Lune

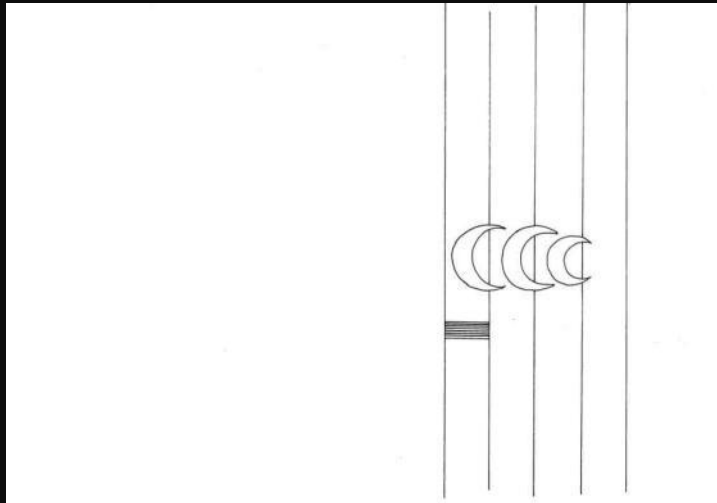


papermaker's countermark



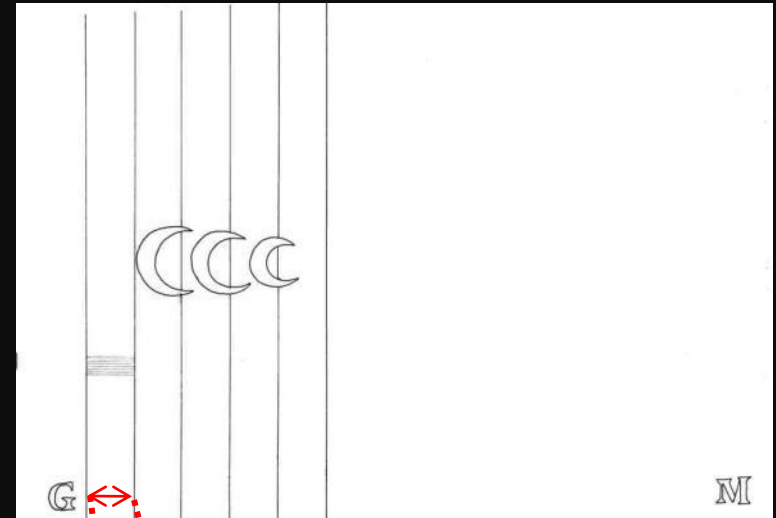


## luminaries/moon/ 3 MOONS

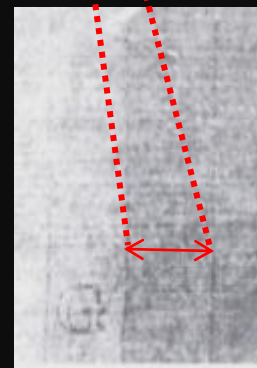


without countermark

1828



1828

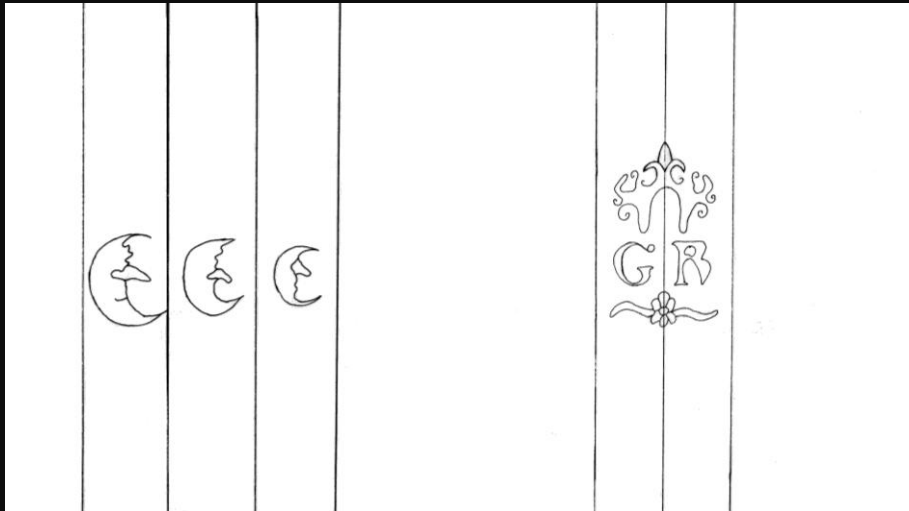


1705

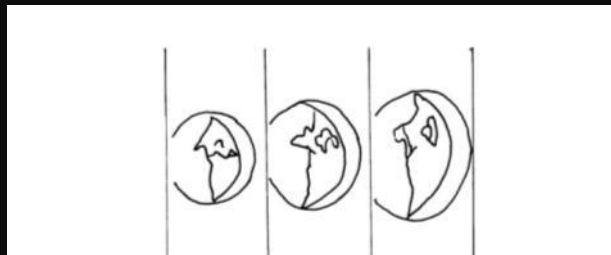


paper of low quality

# luminaries /moon/ 3 MOONS with face feature



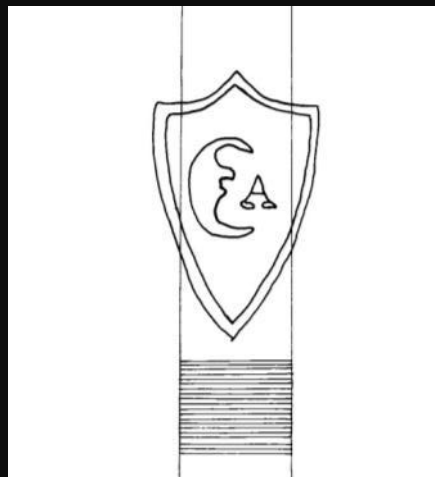
1829



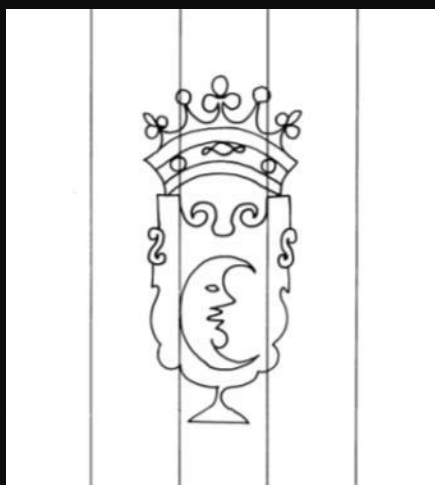
1831



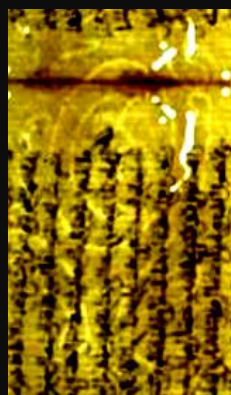
# coat of arms/shield with luminaries/ MOON with face feature IN SHIELD



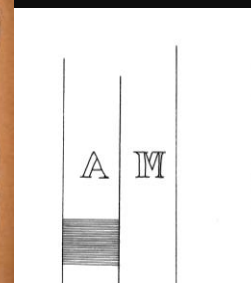
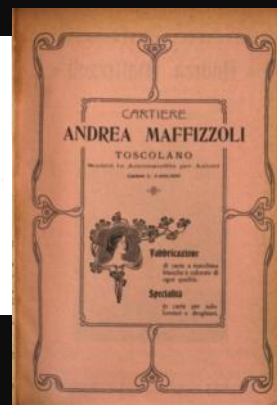
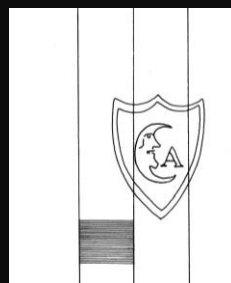
1824



1828



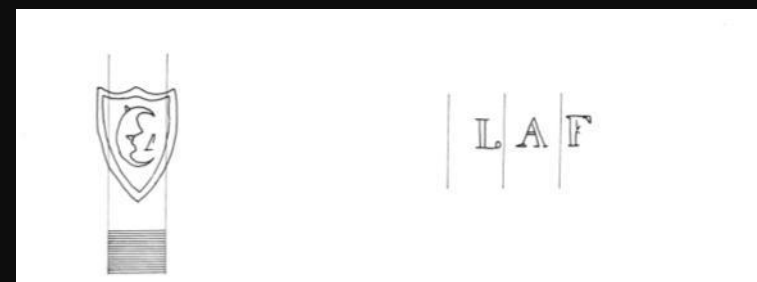
Galvani  
(1779-97)



1828

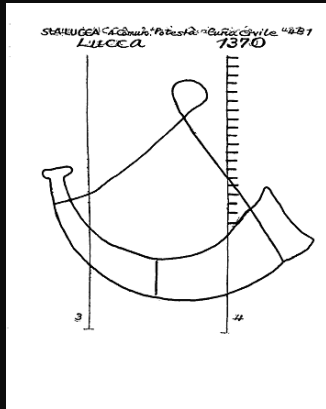


1830



1831

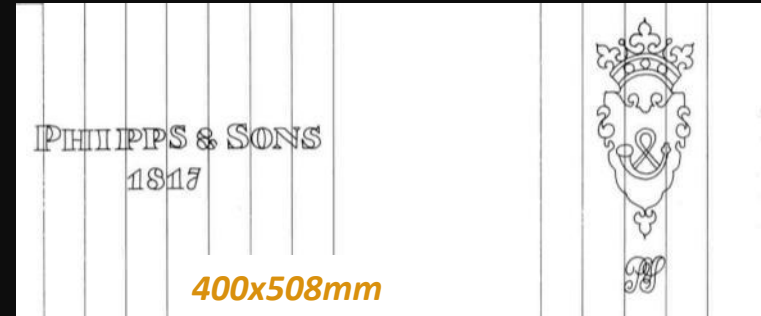
## musical instruments/ HORN



1370

G. Piccard

*Dover, Britain*



400x508mm

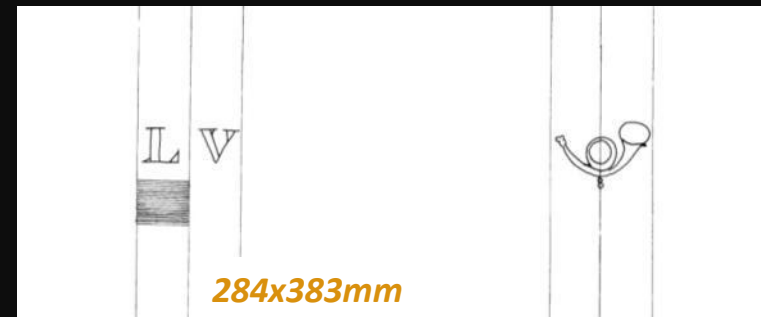
*Maidstone, Britain*



368x456mm

**coat of arms/ HORN (common charge)**

*[Venice, Italy]*



284x383mm



## anthropomorphic/allegorical/ BRITANNIA and PRO-PATRIA

HUXHAM MILL  
1825



320x430 mm, (used in 1828)

Devon, Britain

MEYRARGUES



357x457mm, (used in 1831)

South France

TM  
1826



320x404mm, (used in 1830)

Philadelphia, U.S.A.



The "Maid of Dort" of the Batavian Republic,  
(1795-1806)

F LOHANNOT

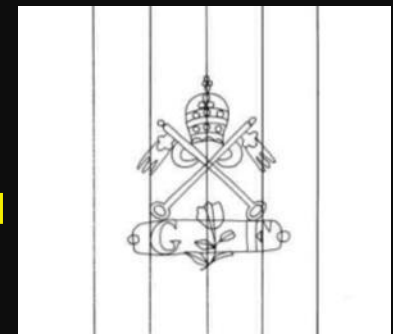
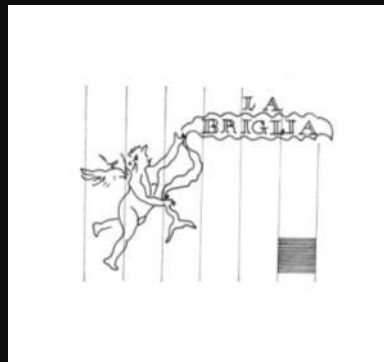
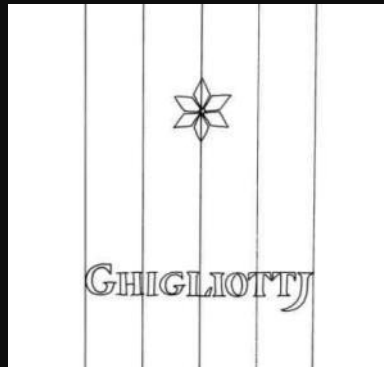
PRO PATRIA




(used in 1828)

Annonay, France

# Stars, Angels, Shells, Flowers and Insignia






# The watermark collection of the G.S.A. on the BERNSTEIN website



THE MEMORY OF PAPER

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ADVANCED SEARCH

BROWSE MOTIFS

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- ☐ BR-RELOADED
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- ☐ FILIGRANA
- ☐ FIL-CUBA
- ☐ FIL-DPZ
- ☒ GAK
- ☐ GRAVELL
- ☐ HEITZ
- ☐ HERIDATE




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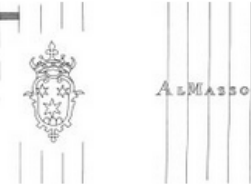
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#2		GAK	13	co
#3		GAK	16	co

Picture



Information

Ref. number	52
Motif	coat of arms [crowned cartouche, trefoil edge [3 star over 3 mountains]]; below 'GC'
Distance between chain lines	---
Width	79
Height	157
Date	1831-05-21
Place of use	Ελλάδα (GR)
Normalised place name	---
Depository	---
Database	GAK
Link	Go to General State Archives of Greece, Athen, Gree
Detailed date info	---
Creator	Κυβερνήτης
Shelf mark	---
Twin mark	---
Briquet Nr.	---
Laid line density	---
Paper mill	Pescia, Pistoia, Tuscany
Mainclass IPH	T1[R3/1-G4[(3*J5/4)-J3/3]]-X'GC'
Paper maker	---
Counter mark	countermark 'AL MASSO'

# The watermark collection of the G.S.A. on the BERNSTEIN website



Γενικά Αρχεία του Κράτους

Γενικά Αρχεία του Κράτους

WATERMARKS OF THE GENERAL STATE ARCHIVES OF GREECE  
GSA -

GRGSA-CSA13

Reference Number

Motif

1. coat of arms [crowned cartouche, trefoil edge [3 stars over 3 mountains]]; below 'GM'
2. countermark 'IL MASSO'

IPH classification

1. T1[R3/1-G4[(3\*)J5/4)-J3/3]]-X'GM'
2. Y'IL MASSO'

Motif dimensions

1. height: 152mm, width: 82mm
2. height: 25mm, width: 78mm

Twin mark

1

Chain line distance

27

Laid line density per 20mm

18

Paper production type

handmade

Mould type

laid

Paper mill

Pescia, Pistoia, Tuscany, Italy

Papermaker

[Magnani]

Paper dimension

height: 313mm, width: 431mm

Colour

natural

State of sheet

untrimmed

Position of wire side

side up

Date of use

1830-01-20

Writer

Γενική Γραμματεία

Recipient

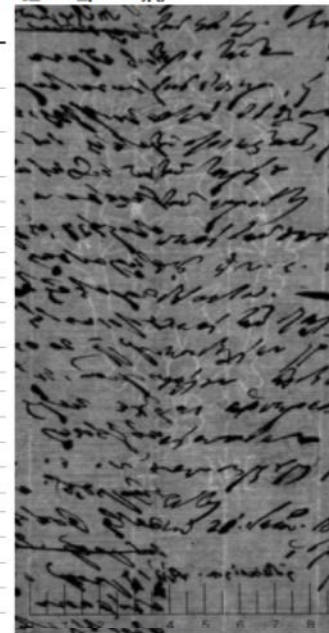
Κυβερνήτης

Source

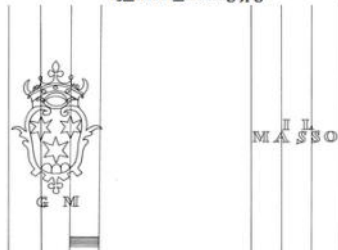
General Secretariat (1828 - 1833)/F230/66



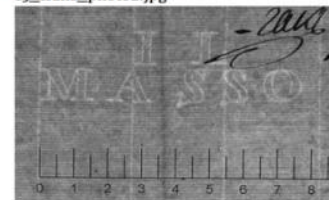
13\_trans\_photo1.jpg



13\_sheet\_tracing.jpg



13\_trans\_photo2.jpg



# The watermark web-portal of the G.S.A.



Lion



Total Results: 28

Sort by: **motif** | height | date of use | place of use

Motif

καθαρισμός

☒ **coat of arms (5)**

☐ fauna (23)

Height

καθαρισμός

☐ 91-100mm (1)

☐ 111-120mm (1)

☐ 121-130mm (2)

☐ 141-150mm (1)

Date of use

καθαρισμός

☐ 1821-1827 (1)

☐ 1828-1833 (3)

☐ 1834-today (1)



Reference Number  
Motif

GRGSA-CSA-20  
1. coat of arms [crowned cartouche [**lion** rampant]]; below 'FP.EF', 2. 'AL MASSO'

Dimensions  
Date, Place of use

||27mm, ≡ 12/cm, H130mm, W170mm  
1830



Reference Number  
Motif

GRGSA-CSA-134  
1. coat of arms [crowned cartouche [**lion** rampant]]; below 'FP.EF'

Dimensions  
Date, Place of use

||28mm, ≡ /cm, H128mm, W64mm  
1830, Αίγινα



Reference Number  
Motif

GRGSA-CSA-199  
1. coat of arms [cartouche, 2 supporter **lions** [**lion** rampant]]; below 'B PICARDO'

Dimensions  
Date, Place of use

||25mm, ≡ /cm, H120mm, W100mm  
1824, Άργος



Reference Number  
Motif

GRGSA-CSA-219  
1. coat of arms [crowned cartouche [**lion** rampant]]; below 'A&M', 2. 'ALLE CARTE'

Dimensions  
Date, Place of use

||27mm, ≡ /cm, H98mm, W45mm  
1833, Πάτρα



# The watermark web-portal of the G.S.A.

24 IPH's classes



12 category classification schema

Artefacts

Coat of arms

Fauna

Figures, anthropomorphic

Flora

Letters, digits

Mountains, luminaries

Symbols, insignia

Coat of arms

Artefacts

Fauna

Flora

Letters, digits

Mountains, luminaries

Shield per fess

Symbols, insignia

research on watermark and paper provenance of the early 19th century

