



US Stamps Paper types, Ink & Tagging

Part V Luminescent ink on US Stamps



Lees eerst het artikel in
USCA Post mei 2020

Zie update lijst: Specialized
Checklist Paper Fluorecence
and Luminiscent ink

Hans van Gils
Versie: okt 2020



Overzicht presentaties m.b.t. papier, inkt & tagging variaties bij Amerikaanse postzegels

Deel I: Paper types 1847-1962 (2019)

Deel II: Wet and Dry Printing (2018)

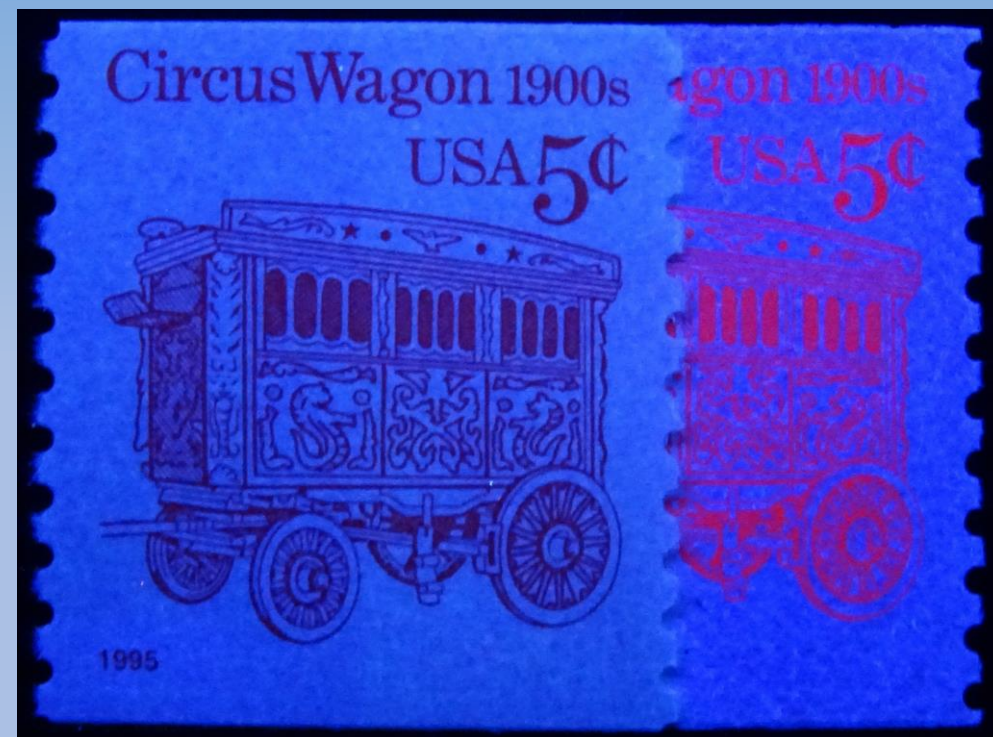
Deel III: Tagged US Stamps (2019)

Deel IV: Paper Fluorescence on US Stamps (okt 2020)

Deel V: Luminescent ink (update okt 2020)



- Bij sommige uitgiften zijn er twee soorten inkt gebruikt:
 1. Non-luminescent ink: Inkt die dof blijft, ook wel 'Dead ink' genoemd.
 2. Luminescent ink: oplichtende inkt, ook wel 'Bright ink' genoemd.
- Het verschil kan worden kan worden gedetecteerd met behulp van lange golf ultra violet licht (Long Wave Ultra Violet (LWUV)).
- Slechts enkele varianten zijn opgenomen in de Scott Specialized. Allereest hiervan een aantal voorbeelden.



Alle afbeeldingen zijn gefotografeerd onder LWUV licht



Inleiding

Scott 2452B
Plate # A1 & A2

Non-luminescent ink
(Dead ink)

Circus Wa
05 USA



Circus Wagon 1900s
05 USA



Scott 2452Bf
Plate #A3

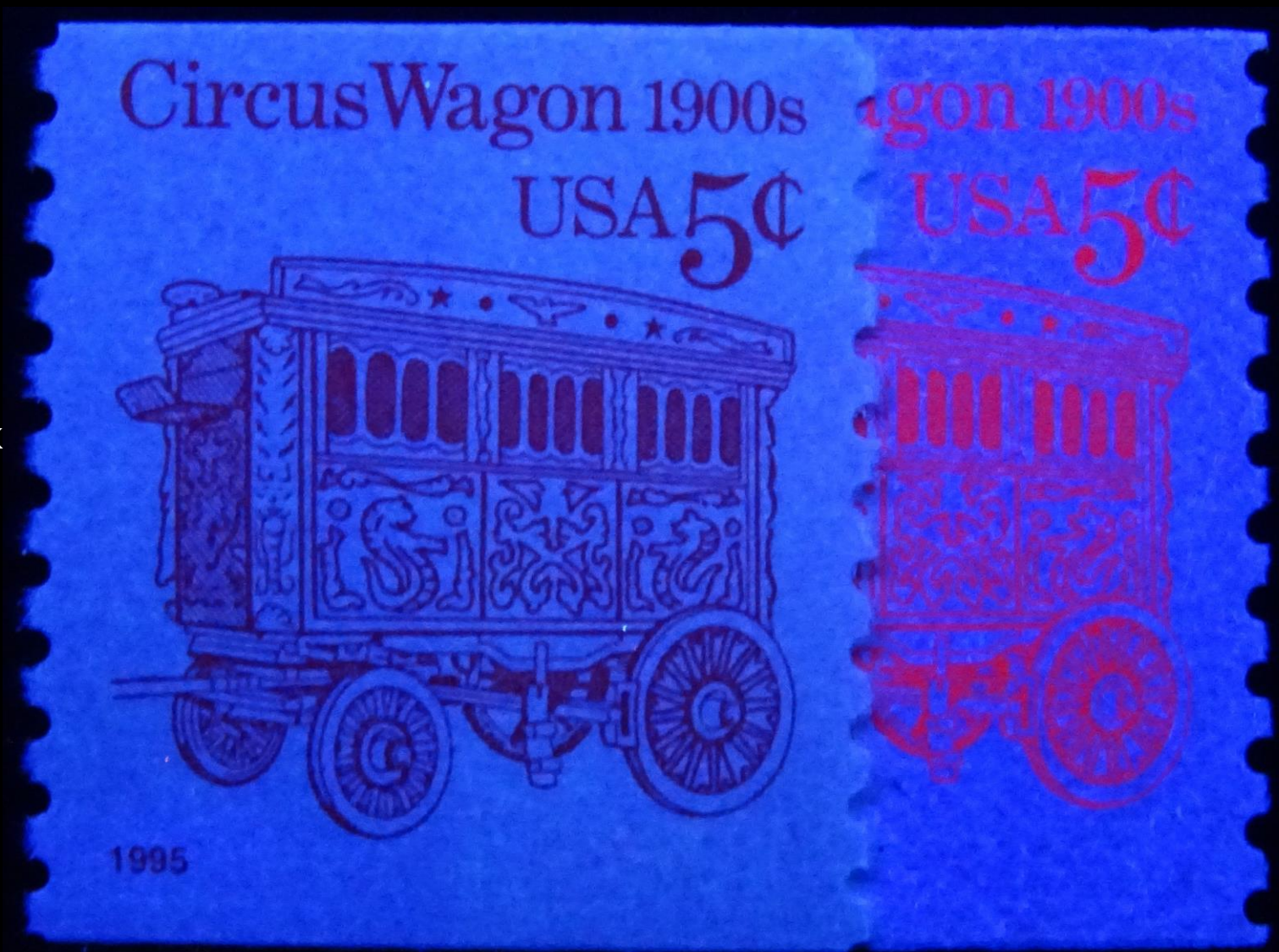
Luminescent ink



Inleiding

Scott 2452D
Plate S1 & S2
Low Gloss Gum

Non-luminescent ink



Scott 2452Dg
Plate S2
Shiny Gum

Plate S3
Low Gloss Gum

Luminescent ink



Scott 1900



Luminescent ink

Niet in Scott

Non-luminescent ink



Scott 2128



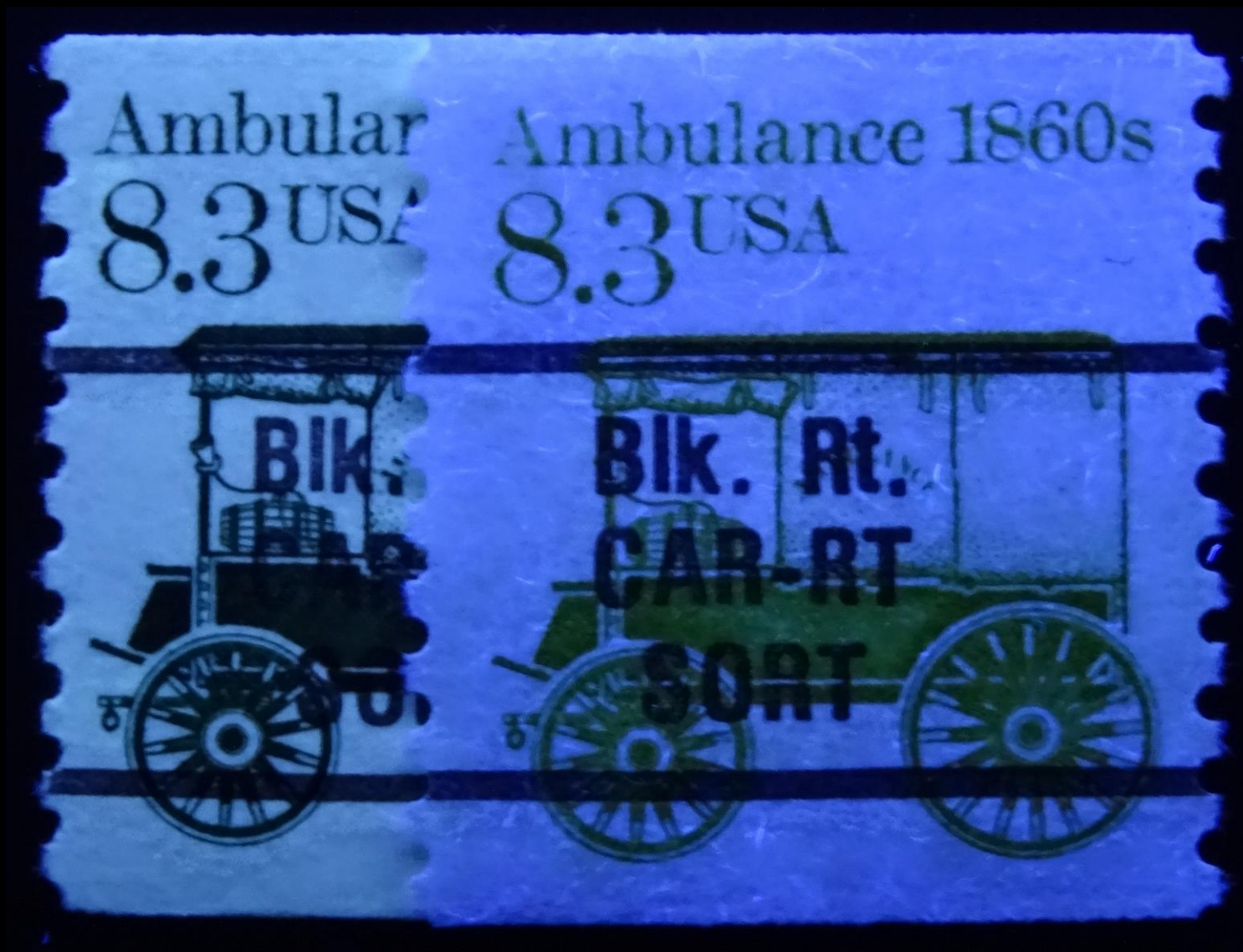
Luminescent ink
Niet in Scott

Non-luminescent ink



Inleiding

Scott 2128a
Non-luminescent ink



Scott 2128a
Luminescent ink

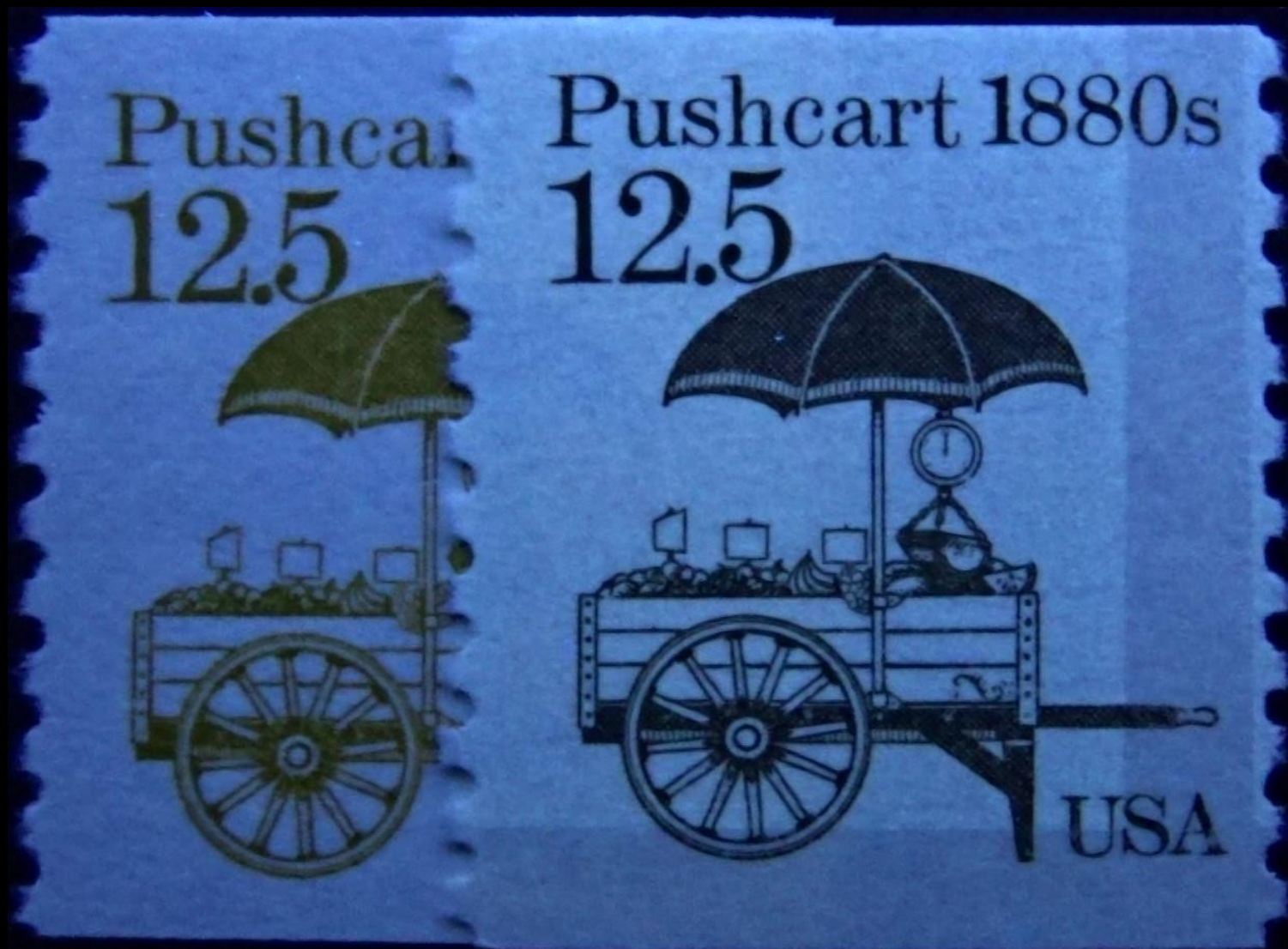
Niet in Scott



Inleiding

Scott 2133
Luminescent ink

Krijgt een
voetnoot in Scott,
Geen Scott nr

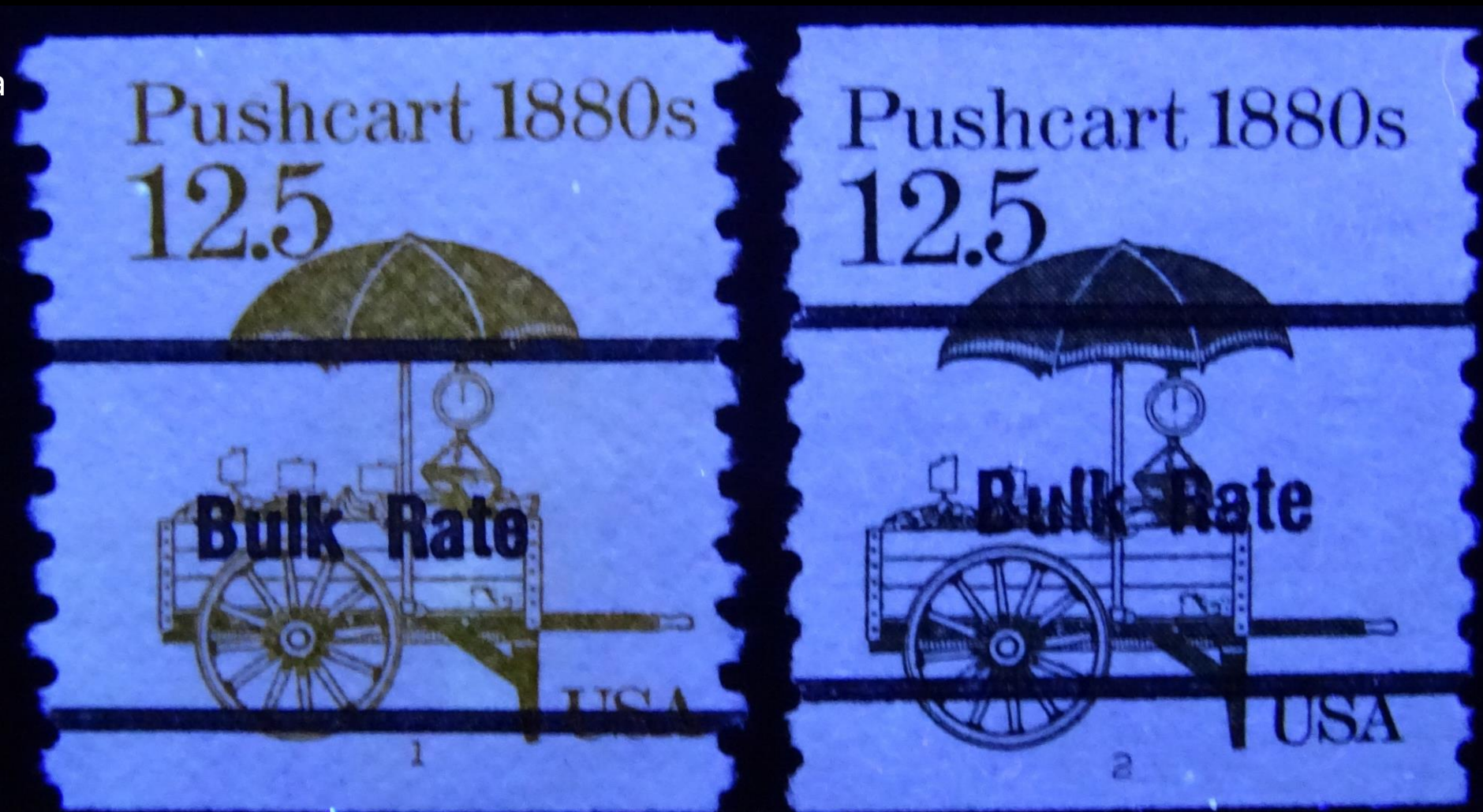


Scott 2133
Non-luminescent ink



Inleiding

Scott 2133a



Luminescent ink (Plate # 1)

Non-luminescent ink (Plate # 2)

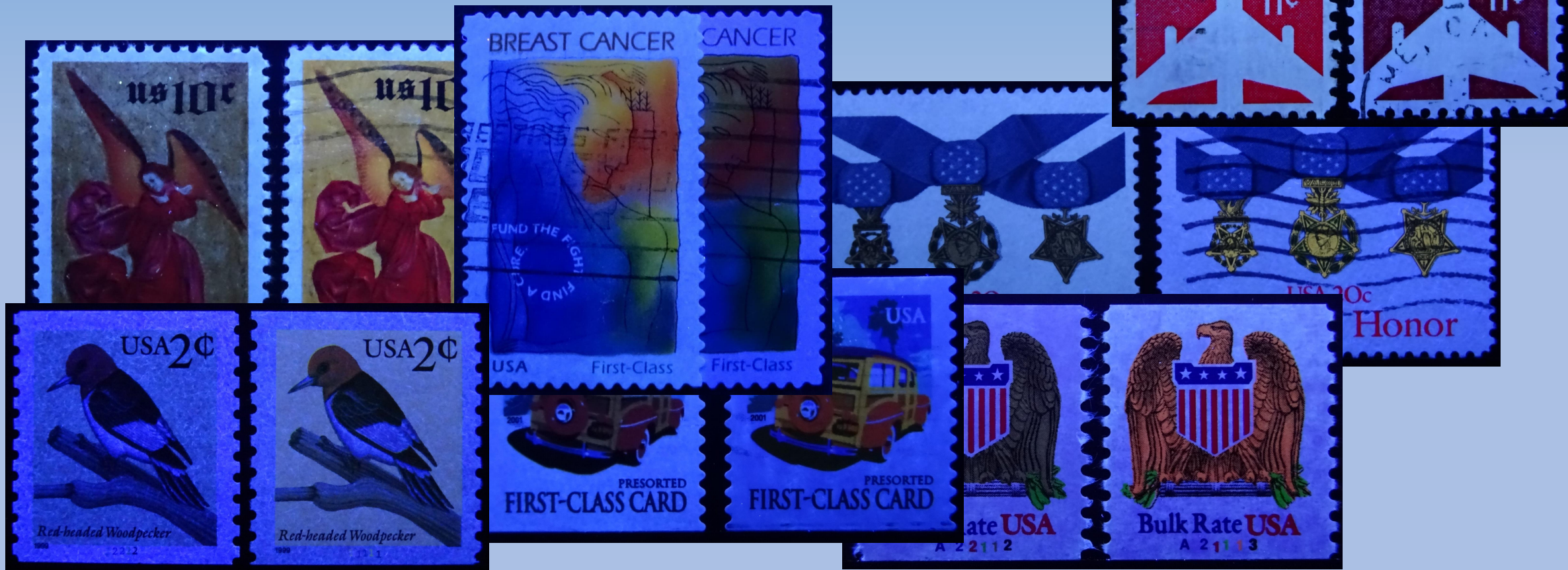
Genoemd in Scott, maar geen nummer



Luminescent ink

Een overzicht van tot nu toe ontdekte uitgften die bestaan in met en zonder Luminescent ink.

(Zie lijst in Specialized Checklist: Paper Fluorescence and Luminescent ink)





Luminescent ink

Scott 1036



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1036b



Luminescent ink

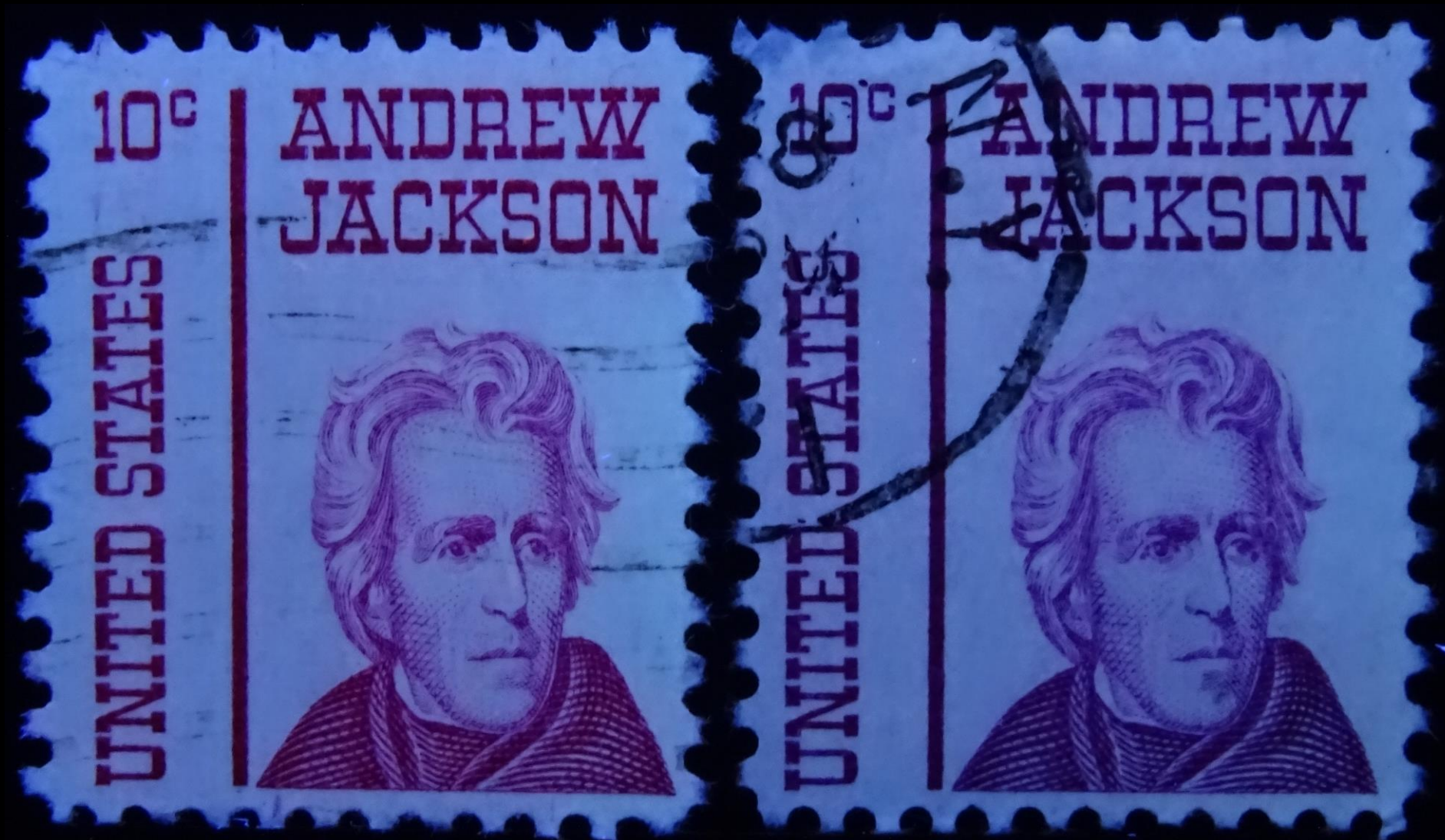


Non-luminescent ink



Luminescent ink

Scott 1286



Luminescent ink

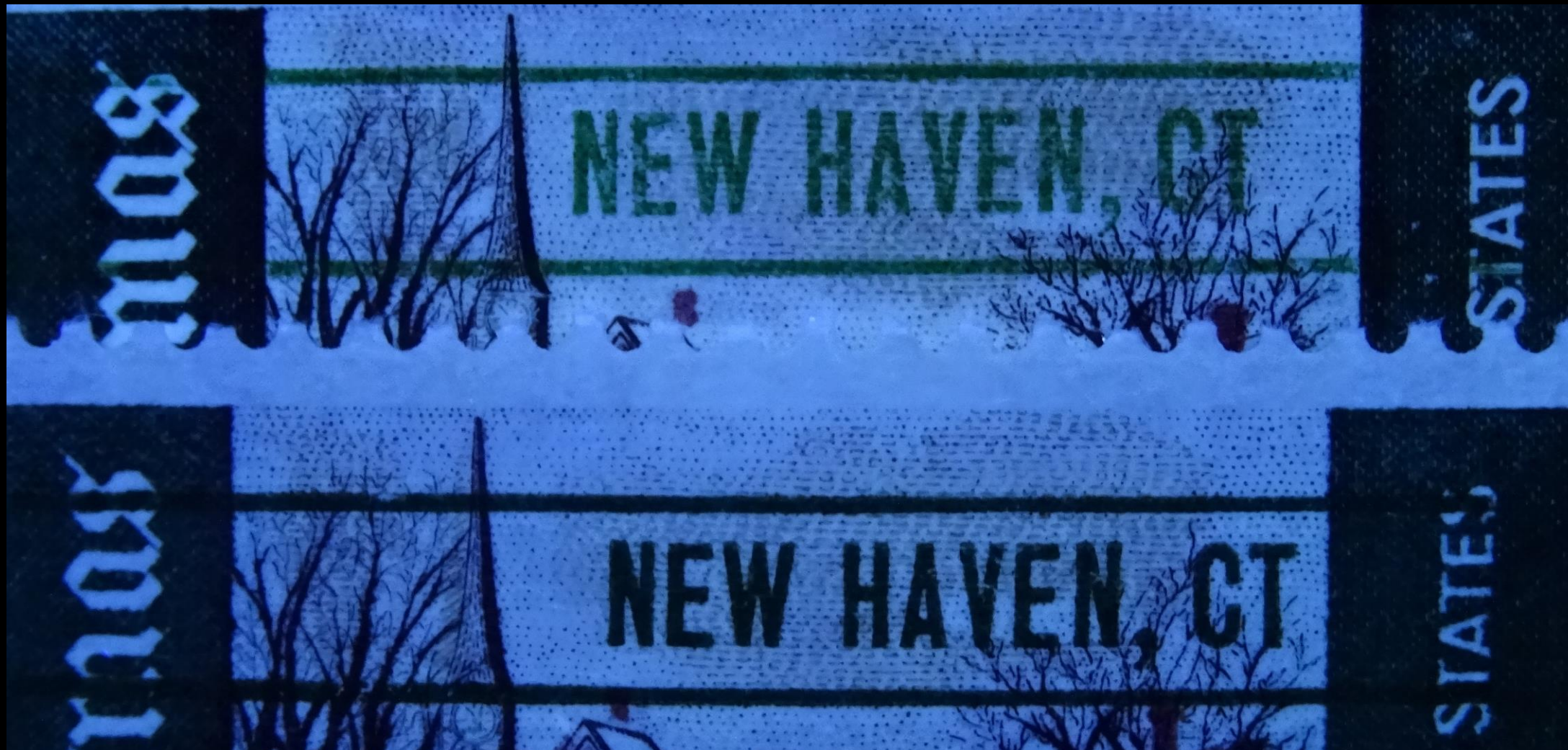
Non-luminescent ink



Luminescent ink

Scott 1384

Luminescent precancel ink



Non-luminescent precancel ink



Luminescent ink

Scott 1542



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 1550



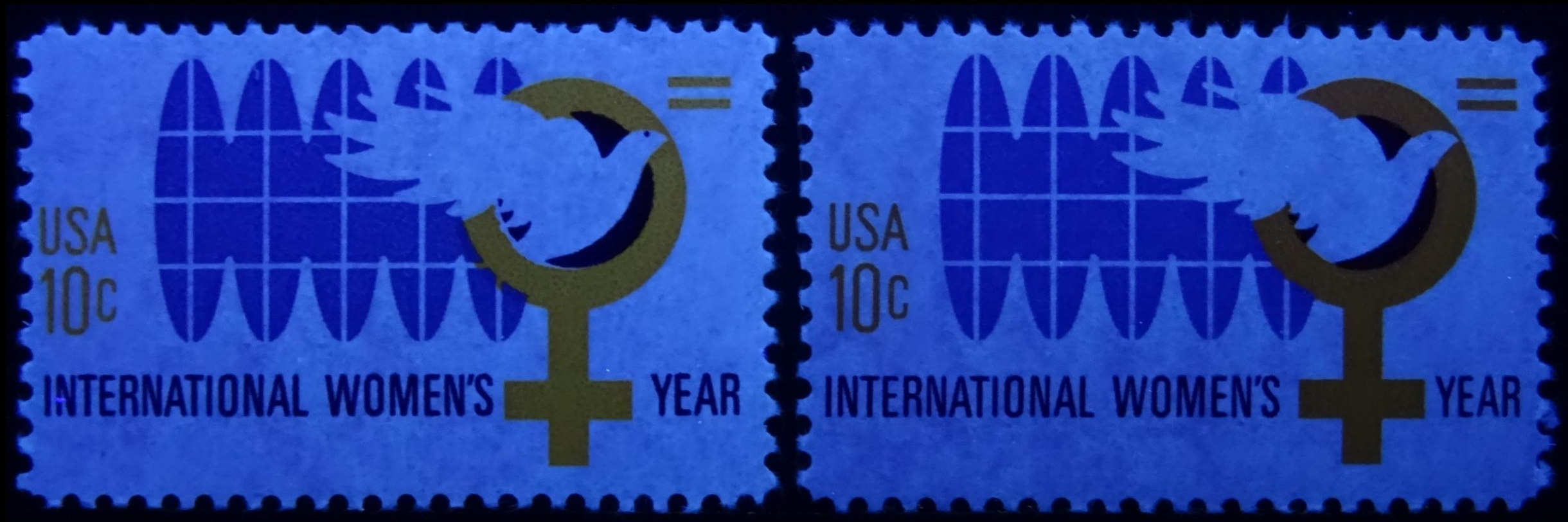
Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 1571



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1571



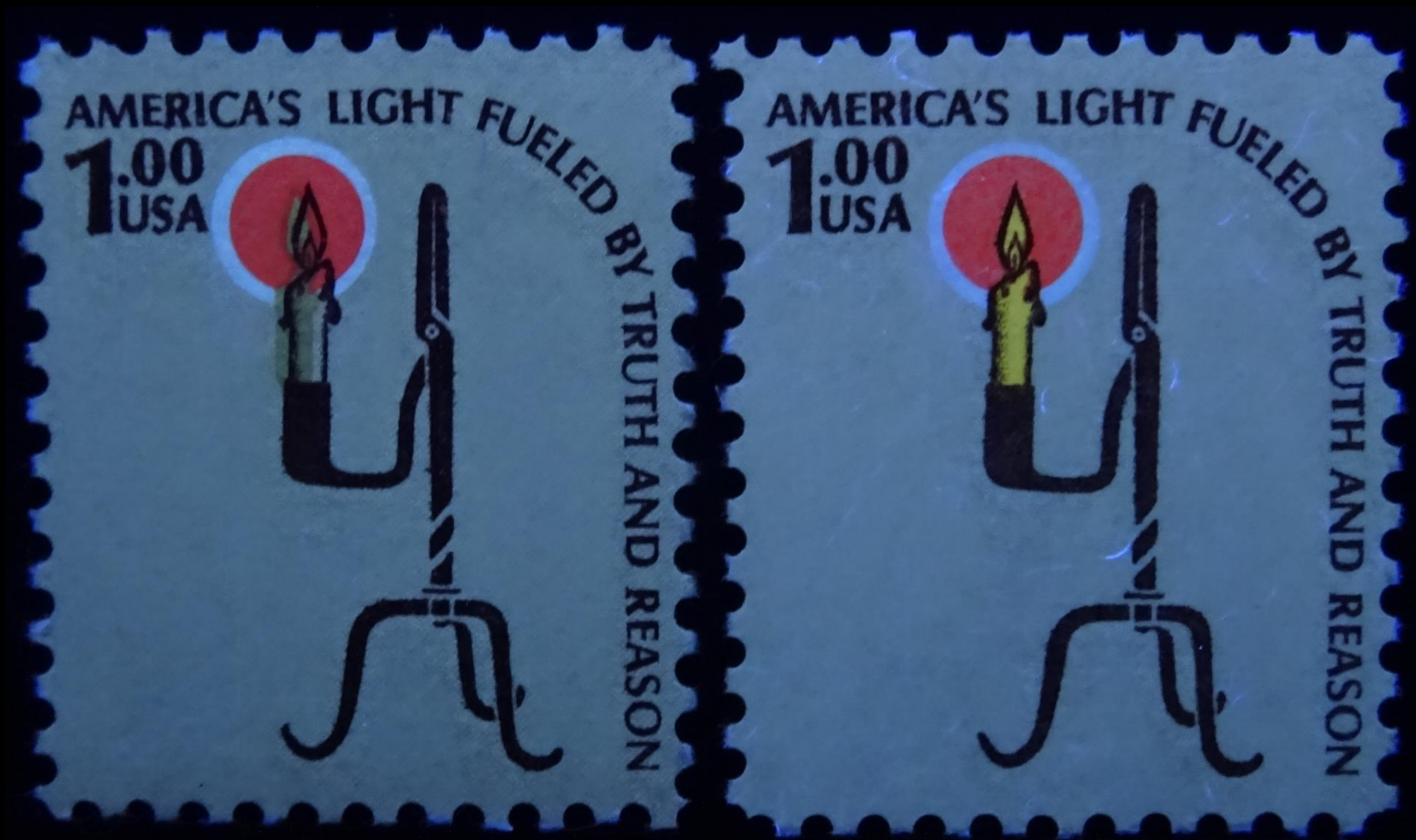
Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1610



Non-luminescent Yellow ink

Luminescent Yellow ink



Luminescent ink

Scott 1610

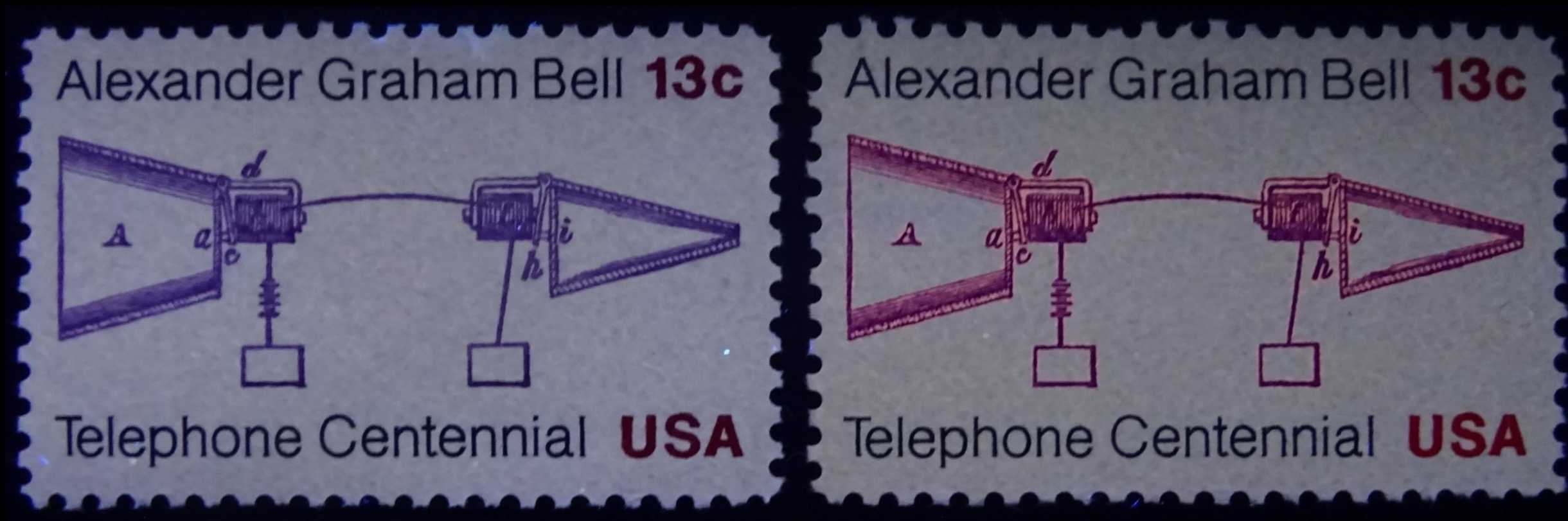
Non-luminescent ink
Hard to find





Luminescent ink

Scott 1683

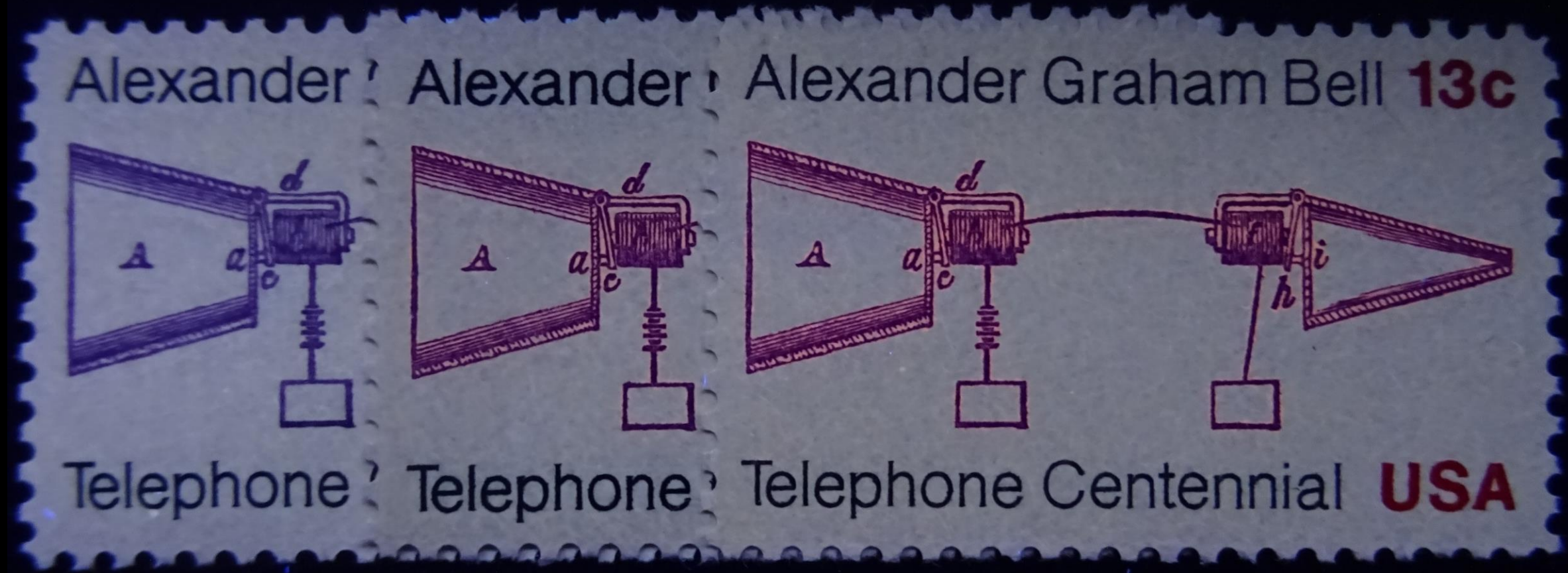


Non-luminescent ink

Luminescent ink



Scott 1683



Non-luminescent ink

Luminescent ink

Luminescent ink



Luminescent ink

Scott 1683

Day light



LWUV light





Luminescent ink

Scott 1695



Luminescent ink

Non-luminescent ink

Scott 1696



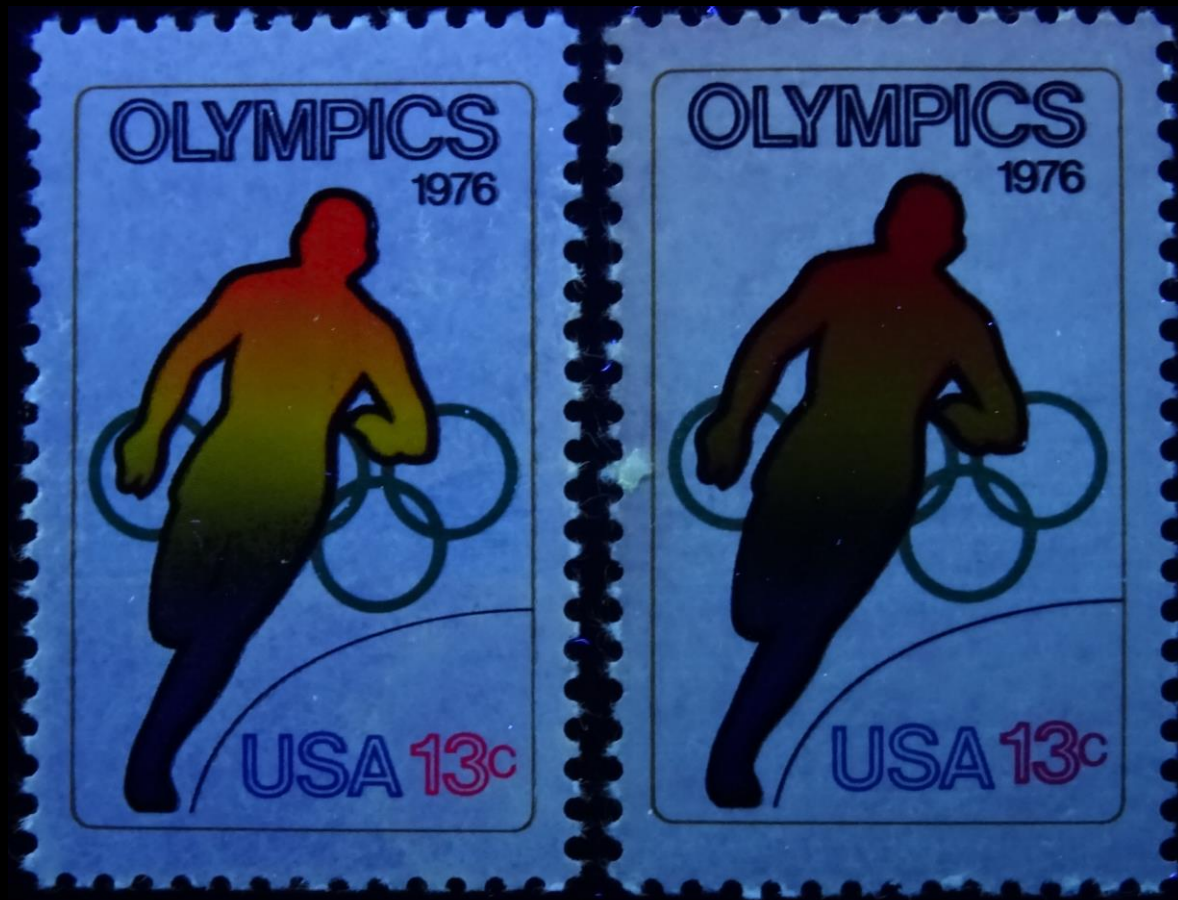
Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1697



Luminescent ink

Non-luminescent ink

Scott 1698



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1701



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1848



Luminescent ink

High Fluorescent

Dull Fluorescent

Non-luminescent ink

Low Fluorescent



Luminescent ink

Scott 1895



Non-Luminescent ink

Luminescent ink (Only from Plate # 1)



Luminescent ink

Scott 1896a



Luminiscent ink

Non-Luminiscent ink



Luminescent ink

Scott: 1926



Non-luminescent ink

Luminescent ink



Paper Fluorescence on Modern US Stamps

Scott 1951
Perf 11¼



luminescent yellow ink

Scott 1951A
Perf 11¼x10½



non-luminescent ink





Luminescent ink

Scott 1951
Perf 11½



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 2045





Luminescent ink

Scott 2117-21



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott BK 147

Scott BK 146



Non-luminescent ink



Luminescent ink



Non-luminescent ink





Luminescent ink

Scott 2173a
Untagged



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2277



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 2367

Zelfde papier



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 2367

Verschillende
papiersoorten



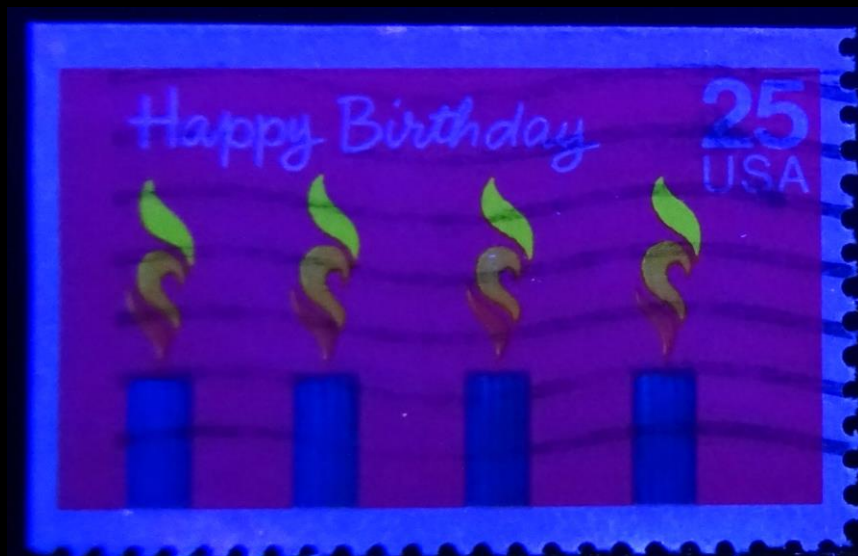
Non-luminescent

Look-a-like Luminescent Yellow ink



Luminescent ink

Scott 2395



Scott 2396



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2397



Scott 2398



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2399



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 2426



Non-luminescent ink

Low luminescent ink

Bright luminescent ink



Luminescent ink

Scott 2428



Non-luminescent Green ink

Luminescent Green ink



Luminescent ink

Scott 2429



Non-luminescent ink

Luminescent Red ink



Luminescent ink

Scott 2441



Non-luminescent ink



Luminescent Red ink



Luminescent ink

Scott 2477



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2482



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 2515



Luminescent Red ink

Non-luminescent Red ink



Luminescent ink

Scott 2516



Luminescent Red ink



Non-luminescent Red ink



Luminescent ink

Scott 2517



Luminescent Red ink

Non-luminescent Red ink



Luminescent ink

Scott 2518



Luminescent Red ink

Non-luminescent Red ink



Luminescent ink

Scott 2524



Luminescent Red ink

Non-luminescent Red ink



Luminescent ink

Scott 2528



Non-luminescent ink



Luminescent Yellow ink



Luminescent ink

Scott 2533



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 2597



Non-luminescent ink



Low luminescent ink



Bright luminescent ink



Luminescent ink

Scott 2602

Plate #:

A21112

A21113

A22113

Printed with
Non-Lum ink
and
Lum ink

Also as Constant
Plate Variety
'Broken 1'



Non-Luminescent ink

Luminescent ink



Luminescent ink

Scott 2602

Onder LWUV licht

Non-Luminescent



Luminescent ink

Onder witlicht





Luminescent ink

Scott 2603



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 3271
Small date

Plate
11111
22222



Luminescent ink

Scott 3271
Large date

Plate
33333



Non-luminescent ink



Look-a-like Luminescent ink

Scott 2721



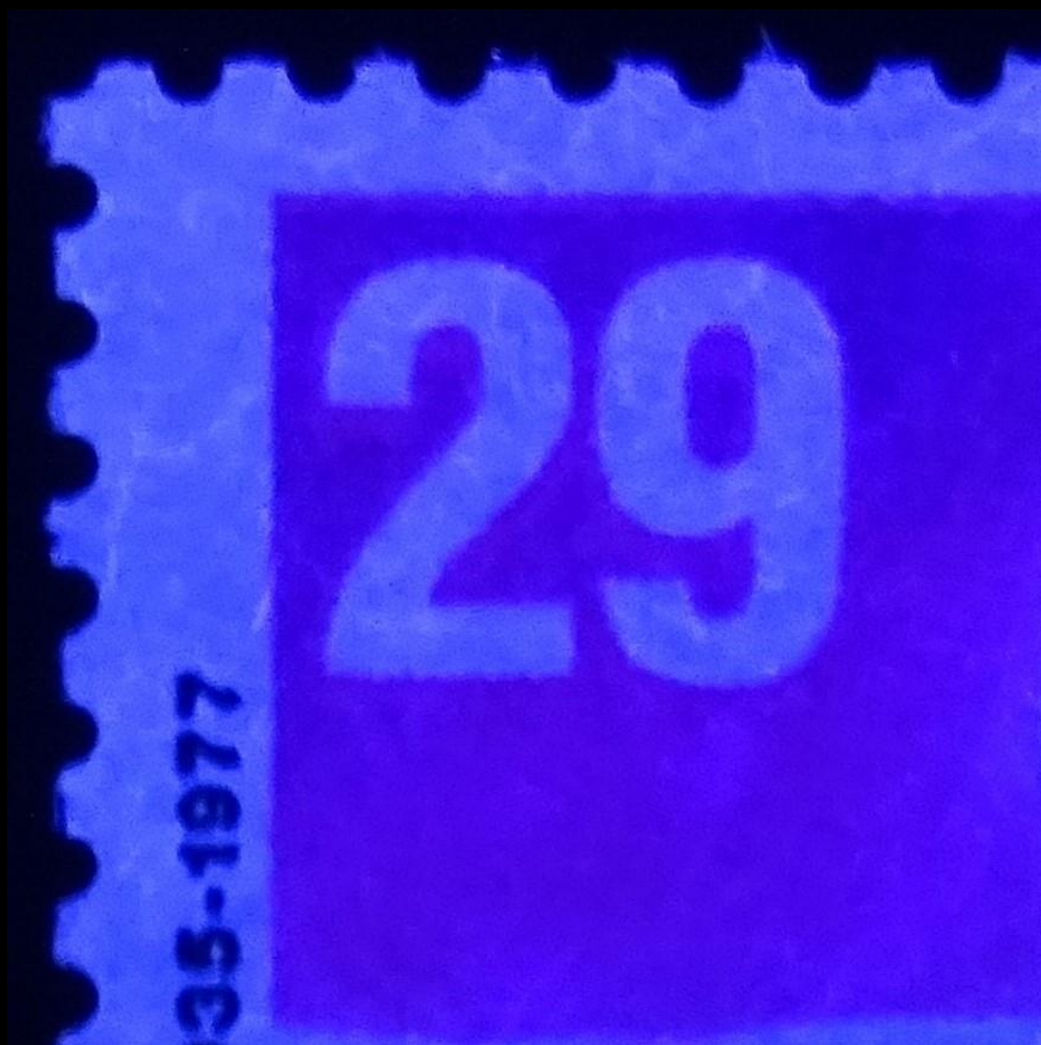
Non-luminescent ink



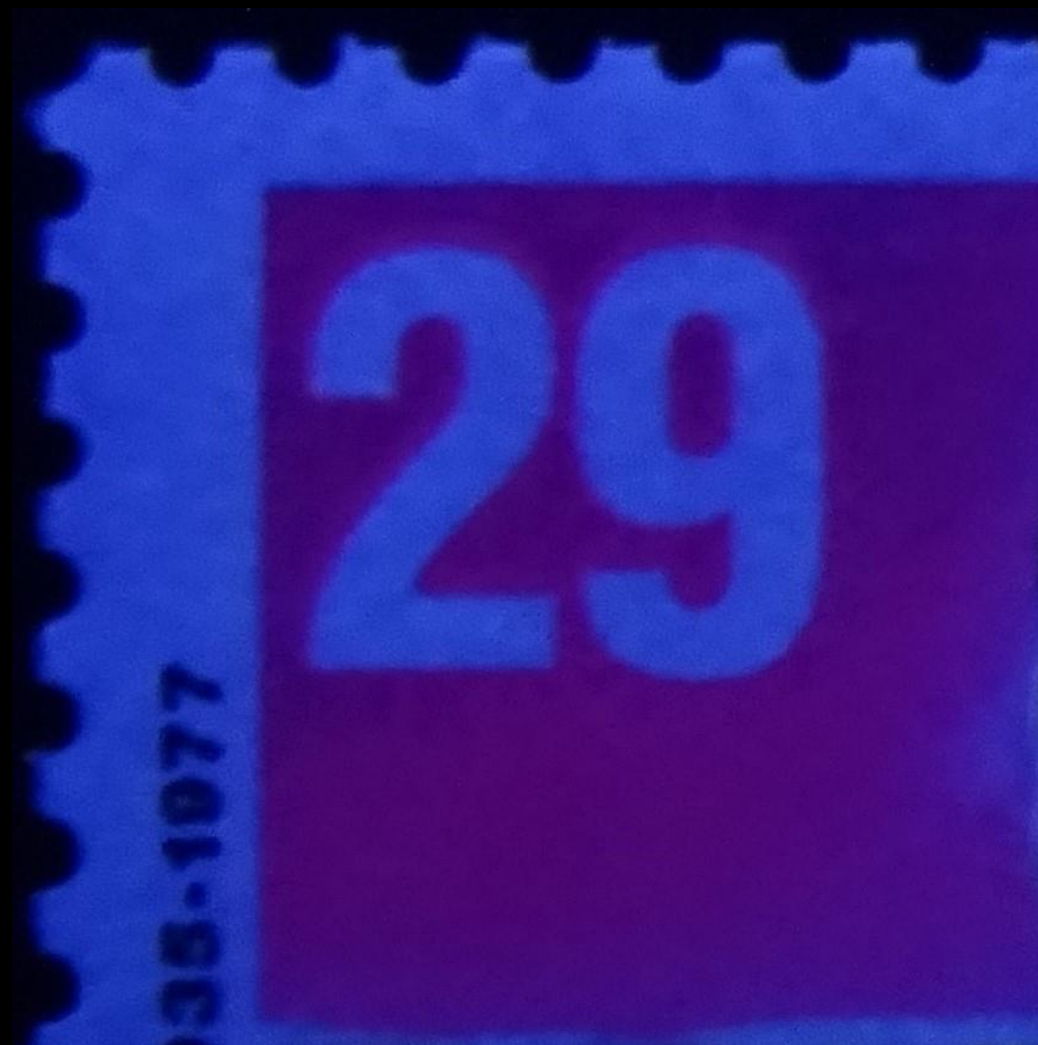
Luminescent ink



Look-a-like Luminescent ink



Non-luminescent ink
Low Fluorescent (LF) Paper



Luminescent ink
Dead paper



Luminescent ink

Scott 2760



Luminescent ink



Non-luminescent ink

Scott 2761



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 2762



Luminescent ink

Non-luminescent ink

Scott 2763



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2764



Luminescent ink

Non-luminescent ink



Look-a-like Luminescent ink

Scott 2798c



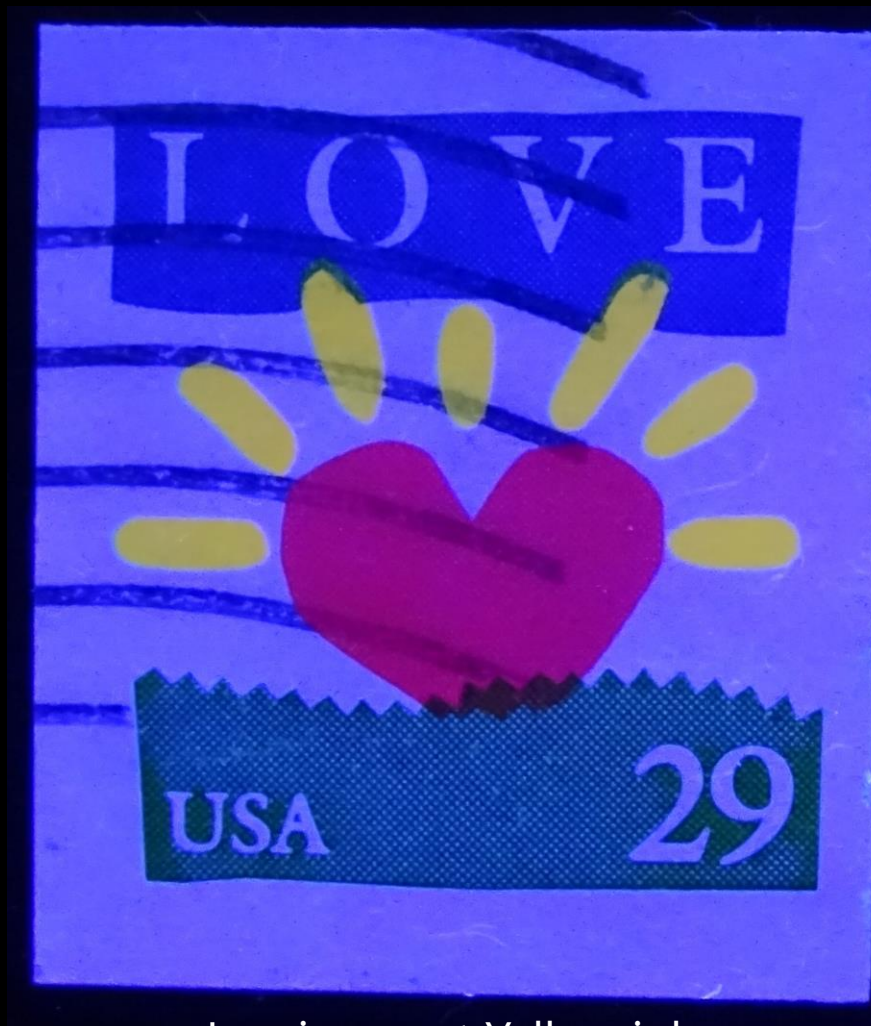
Low-Brite Paper
Luminescent ink

Hi-Brite Paper
Non-Luminescent ink (dead)

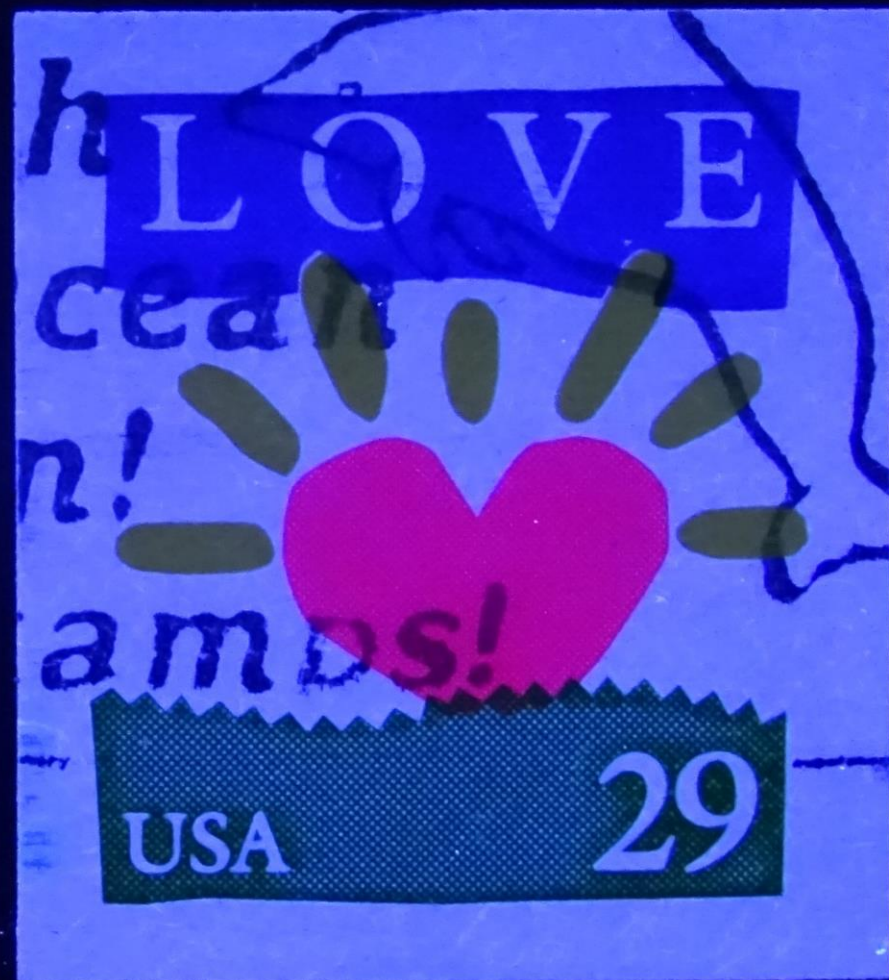


Luminescent ink

Scott 2813



Luminescent Yellow ink

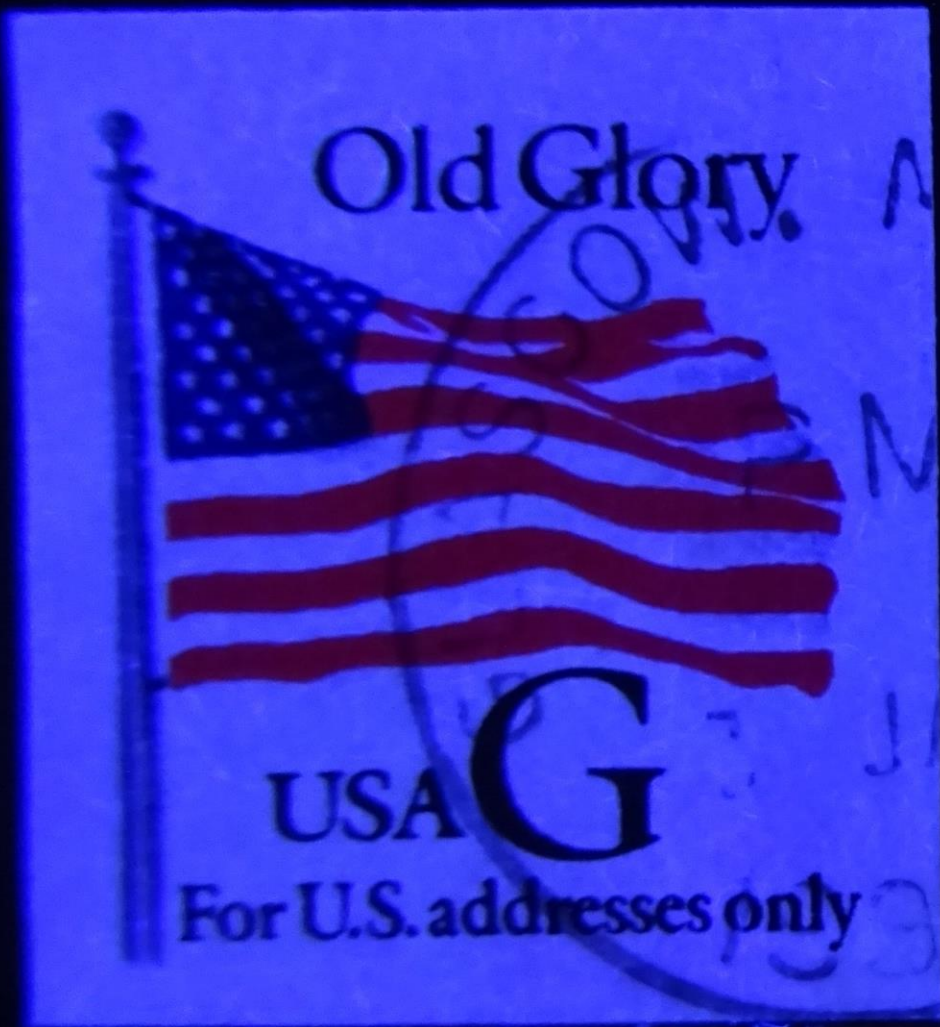


Non-luminescent ink

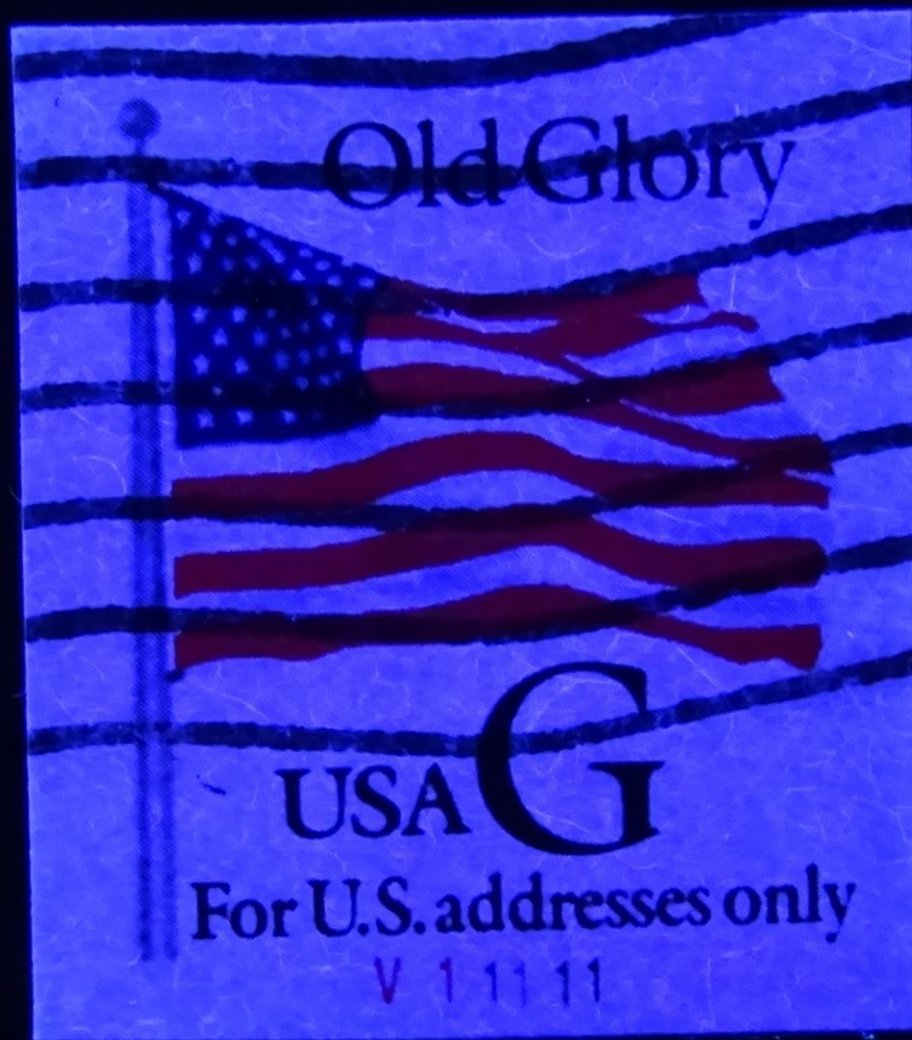


Luminescent ink

Scott 2886



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 2889
Black G



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2890
Blue G



Luminescent Red ink



Non-luminescent Red ink



Luminescent ink

Scott 2902



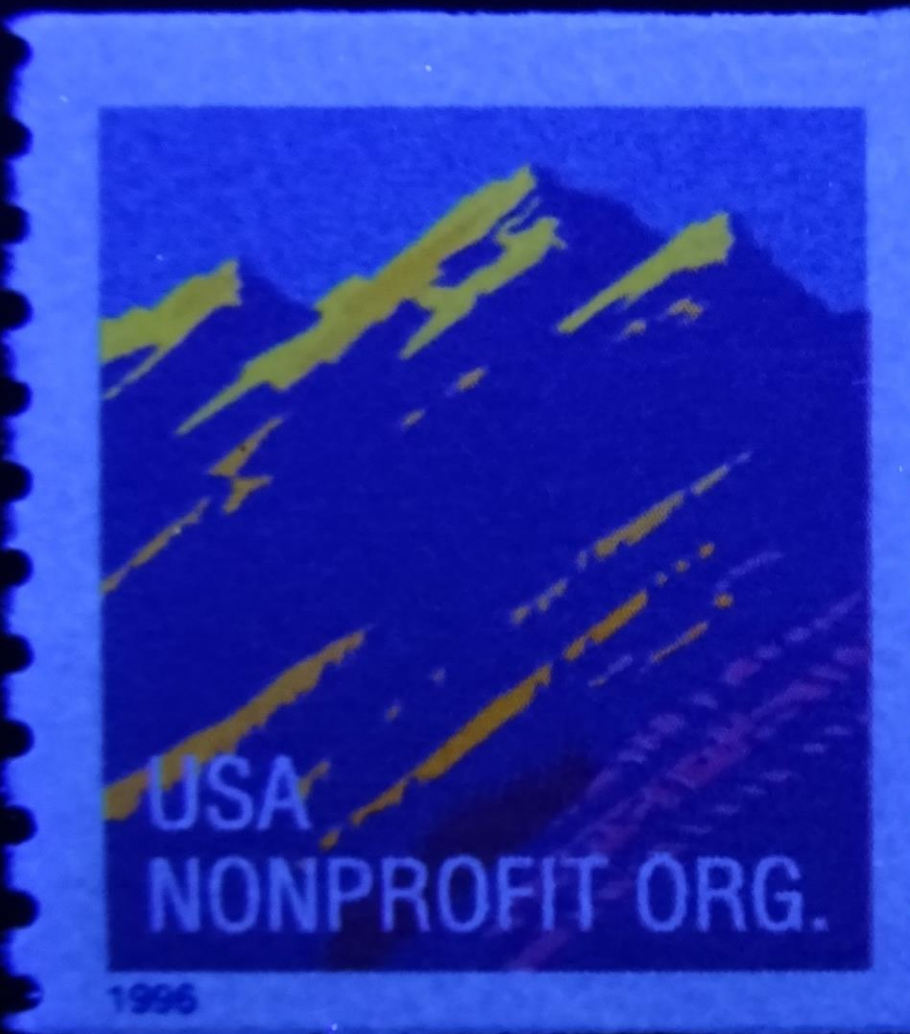
Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 2904



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3207A



Non-luminescent Yellow ink



Luminescent Yellow ink



Luminescent ink

Scott 2912A



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 2968

Alle met Luminescent inkt, maar in drie varianten:

Type 1: From Plate P111111 & Plate P222222

Type 2: From Plate ?

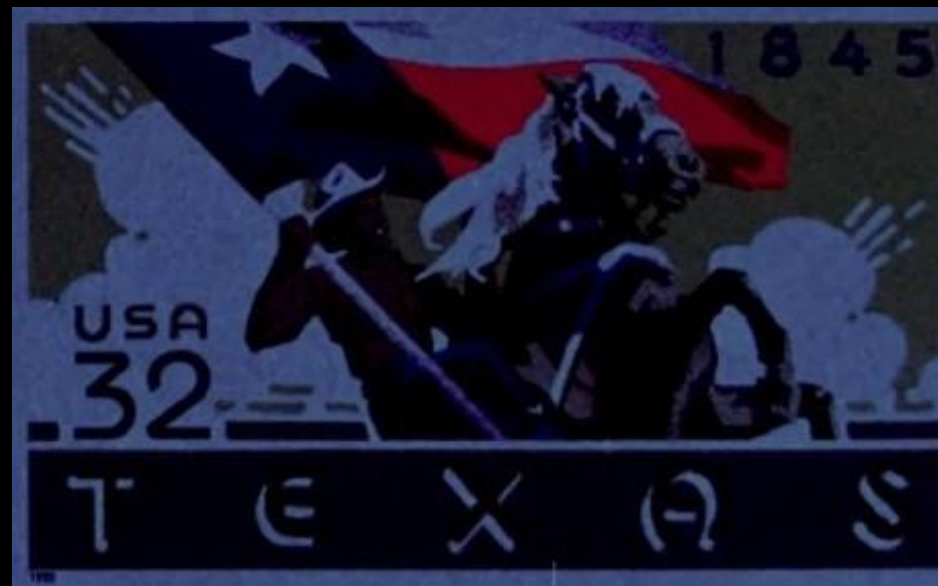
Type 3: From Plate P333333



2



1



3



Luminescent ink

Scott 2897
Low Gloss gum
Plate S11111



Luminescent ink
Low-brite, no fibers

Scott 2897
Shiny gum
Plate S22222



Non-luminescent ink
Low-brite Paper



Luminescent ink

Scott 2897



Luminescent ink

Low-brite, no fibers



Luminescent ink

Low-brite, with fibers



Non-luminescent ink



Luminescent ink

Scott 2897
Shiny gum
Plate S22222



Look-a-like Luminescent ink
Low-brite Paper



Non-luminescent ink
Low-brite Paper

Scott 2897
Shiny gum
Plate S22222



Luminescent ink

Scott 2915B



Luminescent ink
Dead Paper



Luminescent ink
Low-brite Paper



Non-luminescent ink
Low-brite Paper



Luminescent ink

Scott 3012



Luminescent Yellow & Red ink



Non-luminescent Yellow & Red ink



Luminescent ink

Scott 3030



Luminescent Red ink



Non-luminescent ink



Luminescent ink

Scott 3031



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 3031



Luminescent ink

Non-Luminescent ink



Luminescent ink

Scott 3033



Non-luminescent ink

Luminescent ink



Luminescent ink

Scott 3044a
Large date



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 3045



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 3036



Non-luminescent ink

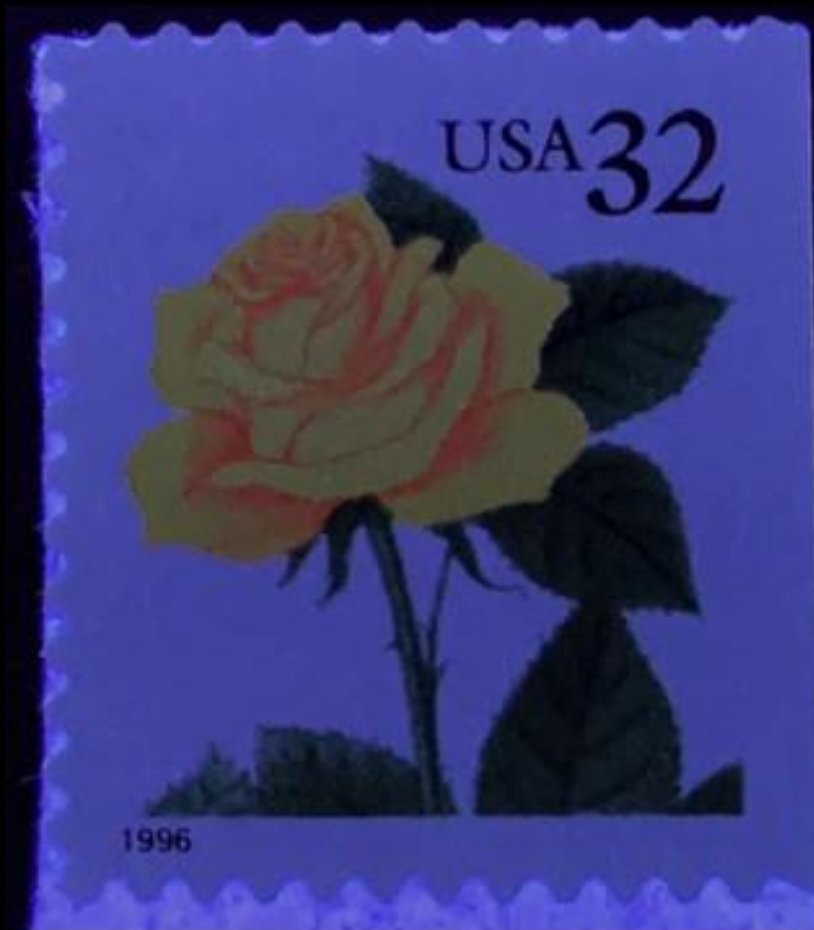


Luminescent ink



Luminescent ink

Scott 3049



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3054



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 3122

Die cut 11
Valley/Valley



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3122E

Die cut 11.5x10.8
Peak/Valley



Luminescent ink

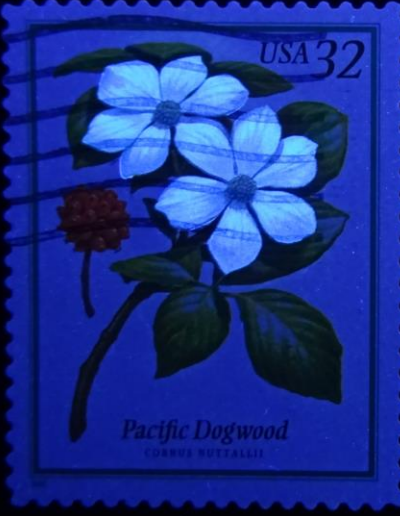


Non-luminescent ink



Luminescent ink

Scott 3193-97



With and without bright white coating



Luminescent ink

Scott 3272



Low-Brite Paper
Luminescent ink

Hi-Brite Paper
Non-Luminescent (Dead) ink



Luminescent ink

Scott 3522



Non-luminescent ink



Luminescent ink



Luminescent ink

Scott 3636

From

Vending Booklet BK291B

Die cut 10.5 x 10.8

Solid Tagging



Luminescent ink



Non-luminescent ink



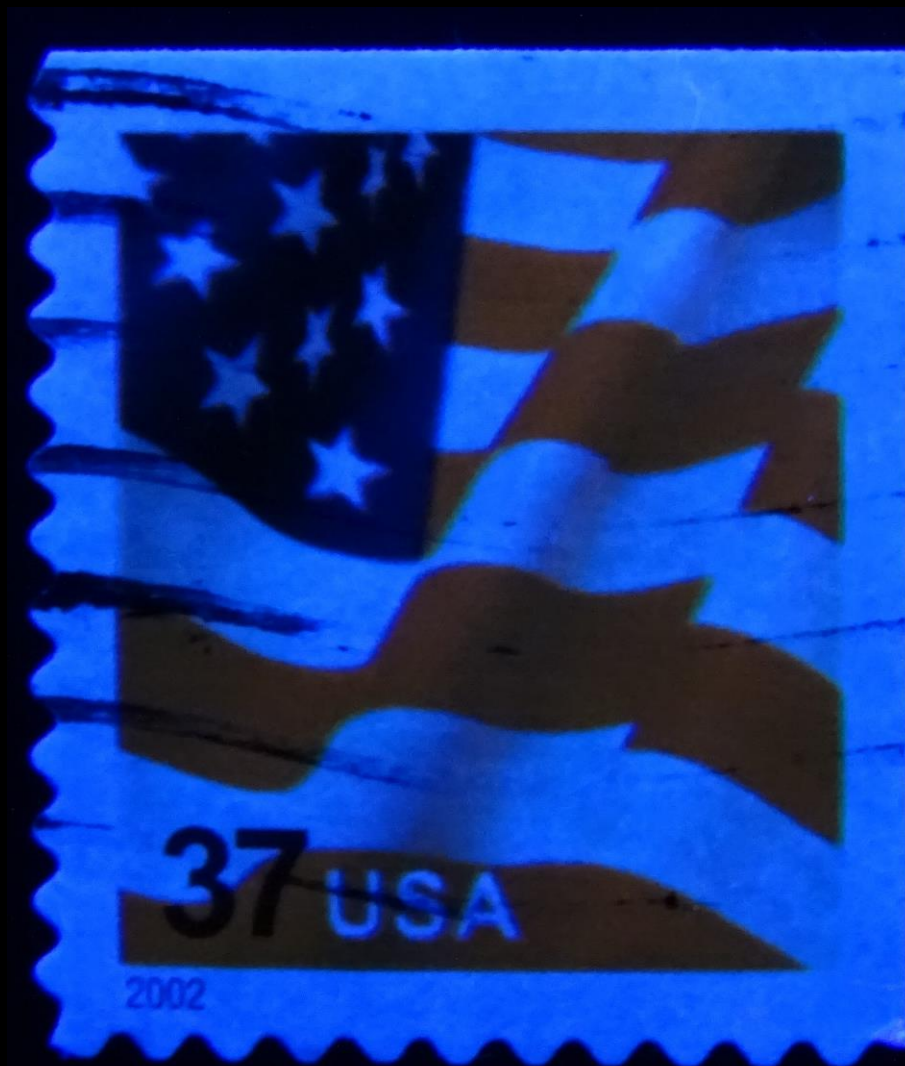
Luminescent ink

Scott 3636

From
Vending Booklet BK291B

Die cut 10.5 x 10.8

Mottled Tagging



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3636
From
Double sided
Convertible Booklet
3636c

Die cut 10.4 x 10.8

Solid Tagging



Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3636
From
Double sided
Convertible Booklet
3636c

Die cut 10.4 x 10.8

Mottled Tagging



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 3749A



Luminescent ink



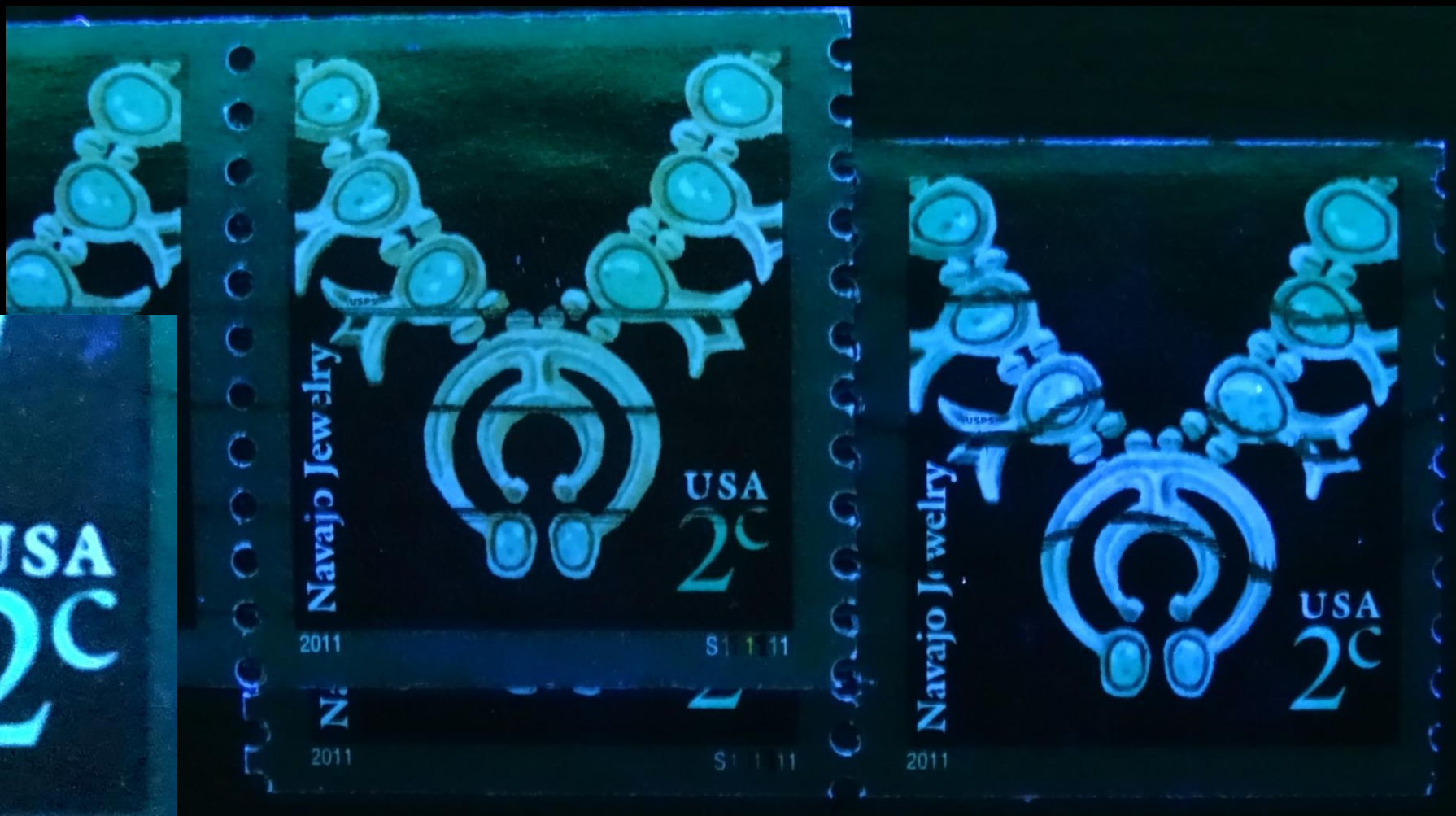
Non-luminescent ink



Luminescent ink

Scott 3758B

Luminescent ink



Non-luminescent ink



Luminescent ink

Scott 3612



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 3756a



Luminescent ink



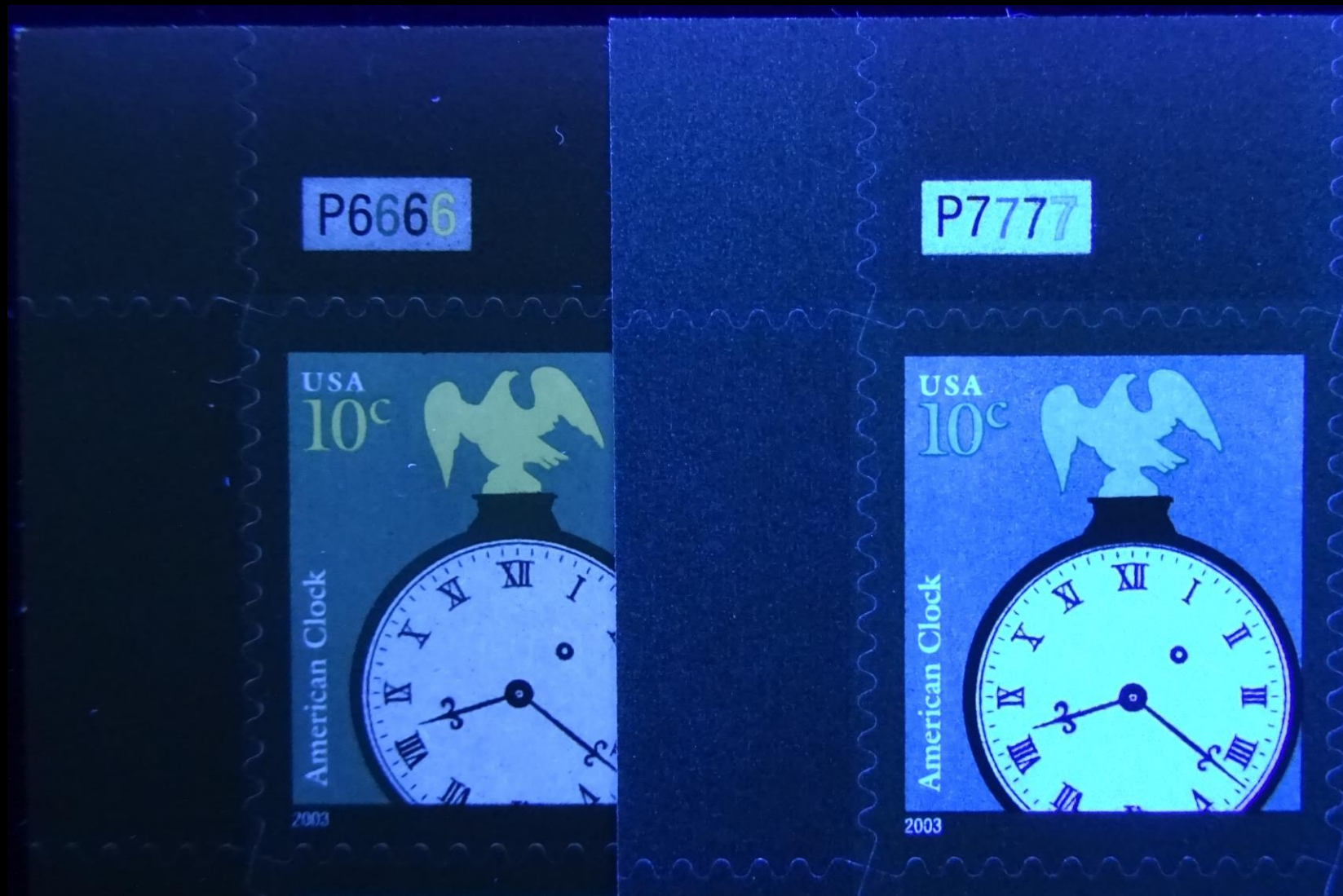
Non-luminescent ink



Luminescent ink

Scott 3757b

Overall Tagging



Luminescent ink (plate P6666)

Non-luminescent ink (Plate P7777)



Paper Fluorescence on US Stamps 1992-2020

Scott 3796



Dead Paper
Luminescent ink (gold)



Low-Brite Paper
Non-Luminescent ink



Luminescent ink

Scott 3837



Luminescent ink

Non-luminescent ink



Luminescent ink

Luminescent ink

Scott 3874
Large date
Plate # P2222



Scott 3874a
Small date
Plates # P3333
upto P9999



Non-luminescent ink



Luminescent ink

Scott 3874



Luminescent ink

Scott 3874a



Non-luminescent ink



Luminescent ink

Scott 4495



Dead Paper
Luminescent ink

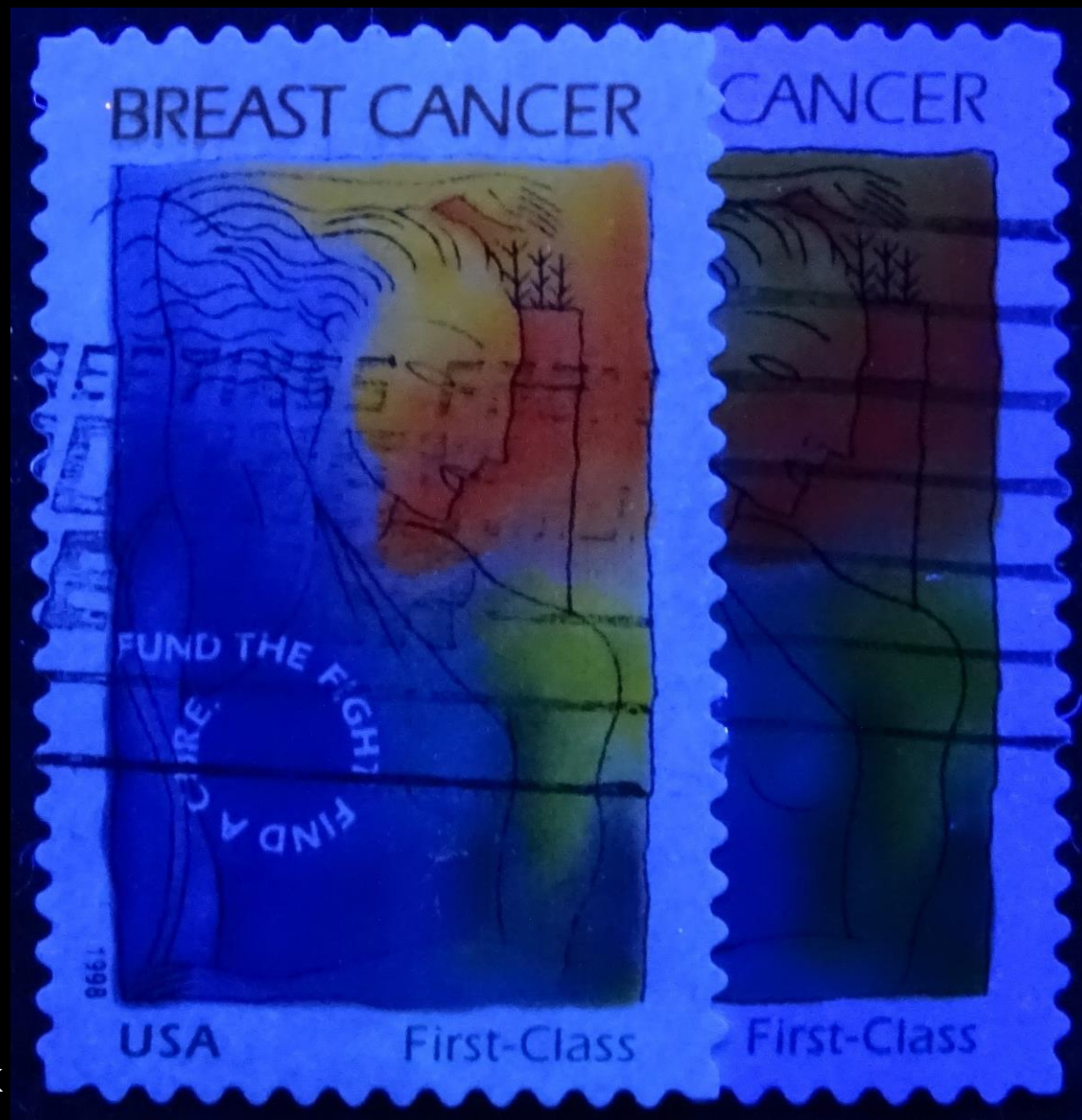


Hi-Brite Paper
Non-luminescent ink



Luminescent ink

Scott B1



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott B1



Luminescent ink

Non-luminescent ink



Luminescent ink

Scott C46



Luminescent ink



Non-Luminescent (Dead) ink



Luminescent ink

Scott C78



Luminescent red ink

Non-Luminescent (Dead) red ink



Luminescent ink

Scott C78



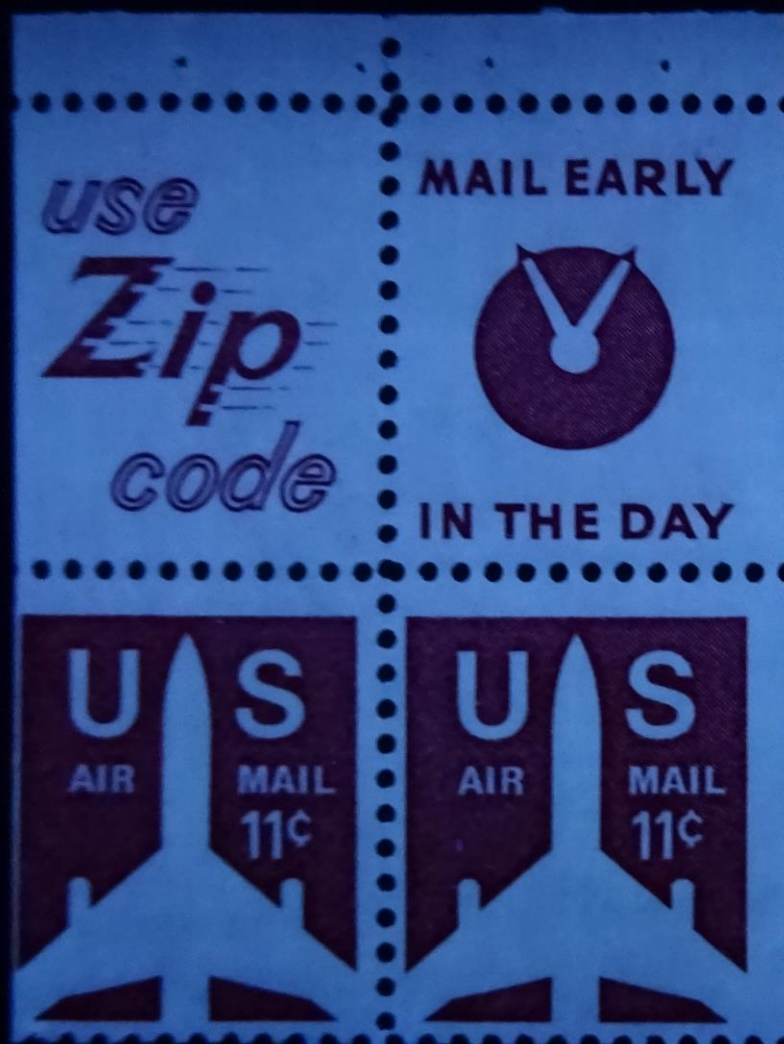
Luminescent red ink varieties

Non-Luminescent red ink



Luminescent ink

Scott C78a



Non-Luminescent (Dead) red ink



Luminescent red ink



Luminescent ink

Scott C81



Non-luminescent ink
Low Fluorescent (LF) Paper

Look-a-like Luminescent ink
Dead Paper



Luminescent ink

Scott C139





Luminescent ink

Scott C143



Luminescent ink



Non-Luminescent (Dead) ink



Luminescent ink

Scott C147



Luminescent ink



Non-Luminescent (Dead) ink



Luminescent ink

Scott O127

MNH



Dead Paper
Non-Luminescent (Dead) red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O127 (used)



Dead Paper
Luminescent red ink

Dead Paper
Non-Luminescent (Dead) red ink

Non-Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O128



Dead Paper
Non-Luminescent (Dead) red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O128



Dead Paper
Luminescent red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O129



Dead Paper
Non-Luminescent (Dead) red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O130

Mint



Dead Paper
Non-Luminescent (Dead) red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O130

Used



Dead Paper
Luminescent red ink



Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O132



Dead Paper
Luminescent red ink

Non- Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Luminescent ink

Scott O136

Dead red ink:
Dull Finish Gum

Fluorescent red ink:
Low Gloss Gum



Non-Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



High Fluorescent (HF) Paper
Luminescent red ink



Luminescent ink

Scott O1



Non-Fluorescent (NF) Paper
Non-Luminescent (Dead) red ink



Low Fluorescent (LF) Paper
Luminescent red ink

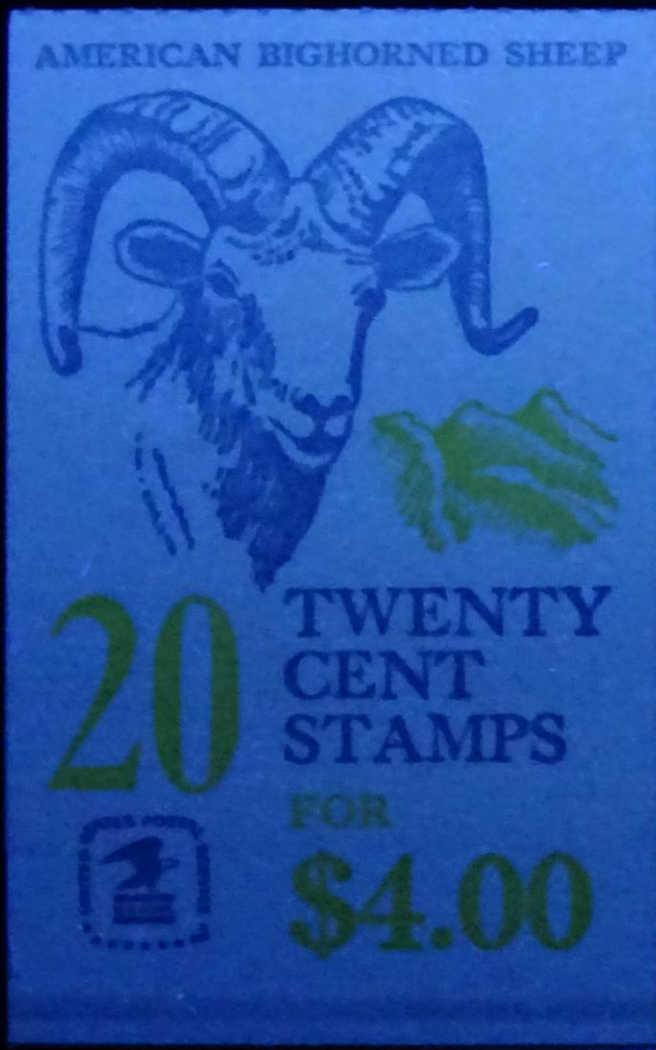


High Fluorescent (HF) Paper
Luminescent red ink

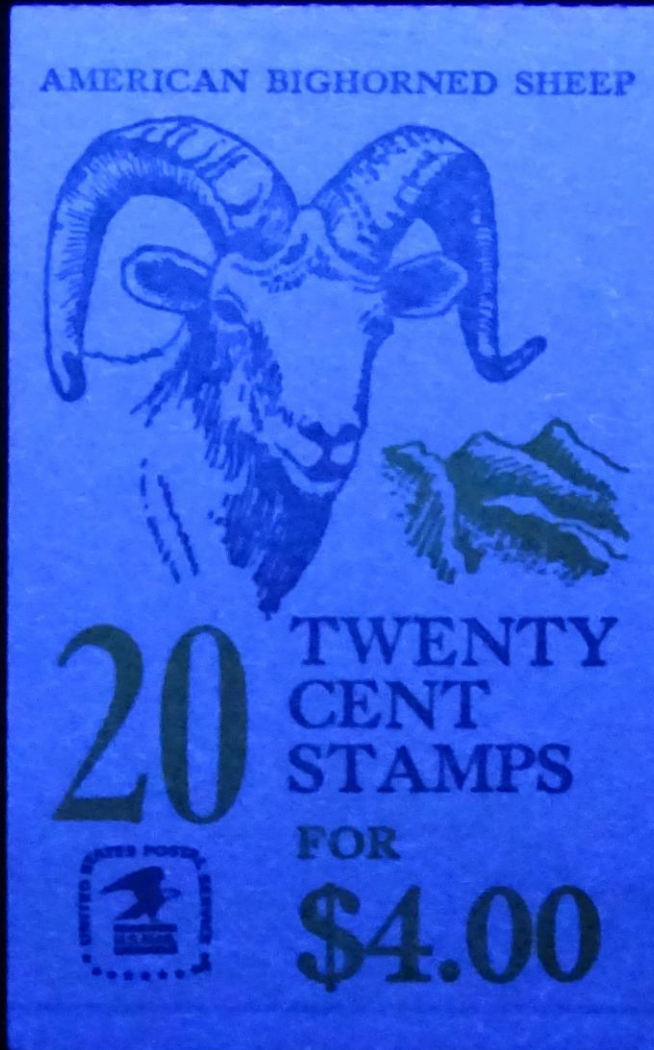


Luminescent ink

Scott BK 142



Dead Paper



Low-Fluorescent (LF)

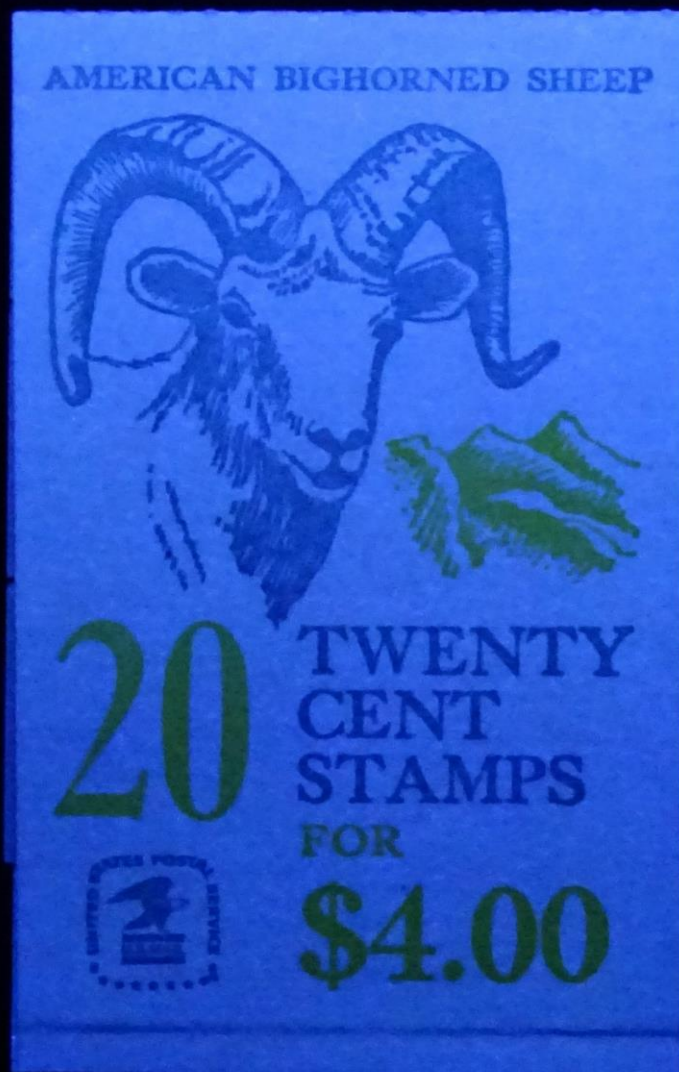


High Fluorescent (HF)



Luminescent ink

Scott BK 142



Dead Paper
Fluorescent Green ink



Non-Luminescent ink (NF)
Non-Luminescent Green ink



Onderzoek:

Er is tot nu toe weinig over Luminescent ink gepubliceerd en meer onderzoek is noodzakelijk.

Bij sommige uitgften waar de inkt verschillend oplicht twijfel ik soms of het echt twee soorten inkt zijn of dat het komt door het verschil in papier.

Bij dof papier (Dead paper) blijft de inkt helder en licht iets op en is meer kleur te zien. Bij helder papier met vezels (Low Fluorescent / Low-brite) blijft de inkt dof, is er minder kleur te zien en de inkt lijkt in het papier gezogen.

Meer onderzoek en meningen zijn noodzakelijke om aan te geven of het daadwerkelijk gaat om luminescerende inkt of dat we te maken hebben met een zgn. **look-a-like**.

Omdat er een duidelijk kleurvariatie is, zijn ook deze uitgften opgenomen in de lijst. Hier een aantal voorbeelden.



Look-a-like Luminescent ink

Scott 1903

*Luminescent Red ink
or look-a-like?*



Non-luminescent ink
Dead paper



Look-a-like Luminescent ink
Low Fluorescent (LF) Paper





Look-a-like Luminescent ink

Scott 2794a

*Luminescent Red ink
or look-a-like?*



Luminescent Red ink

Non-luminescent Red ink



Look-a-like Luminescent ink

Scott 2791-94

*Luminescent Red ink
or look-a-like?*



Luminescent Red ink

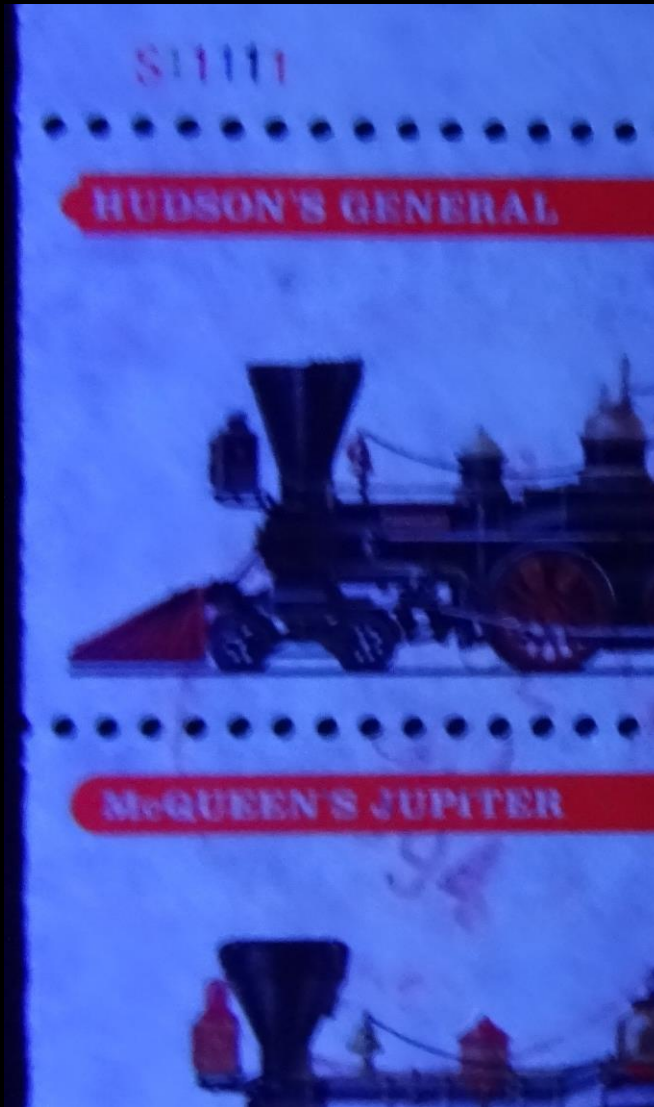
Non-luminescent Red ink



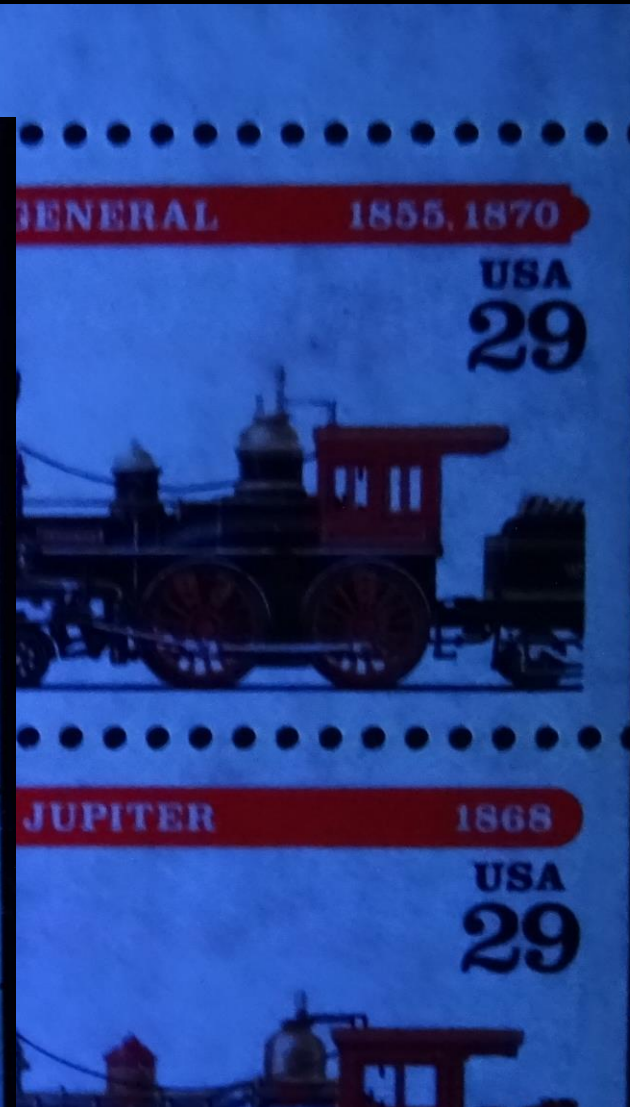
Look-a-like Luminescent ink

Scott 2847a

Luminescent Red ink
or look-a-like?



Luminescent Red ink



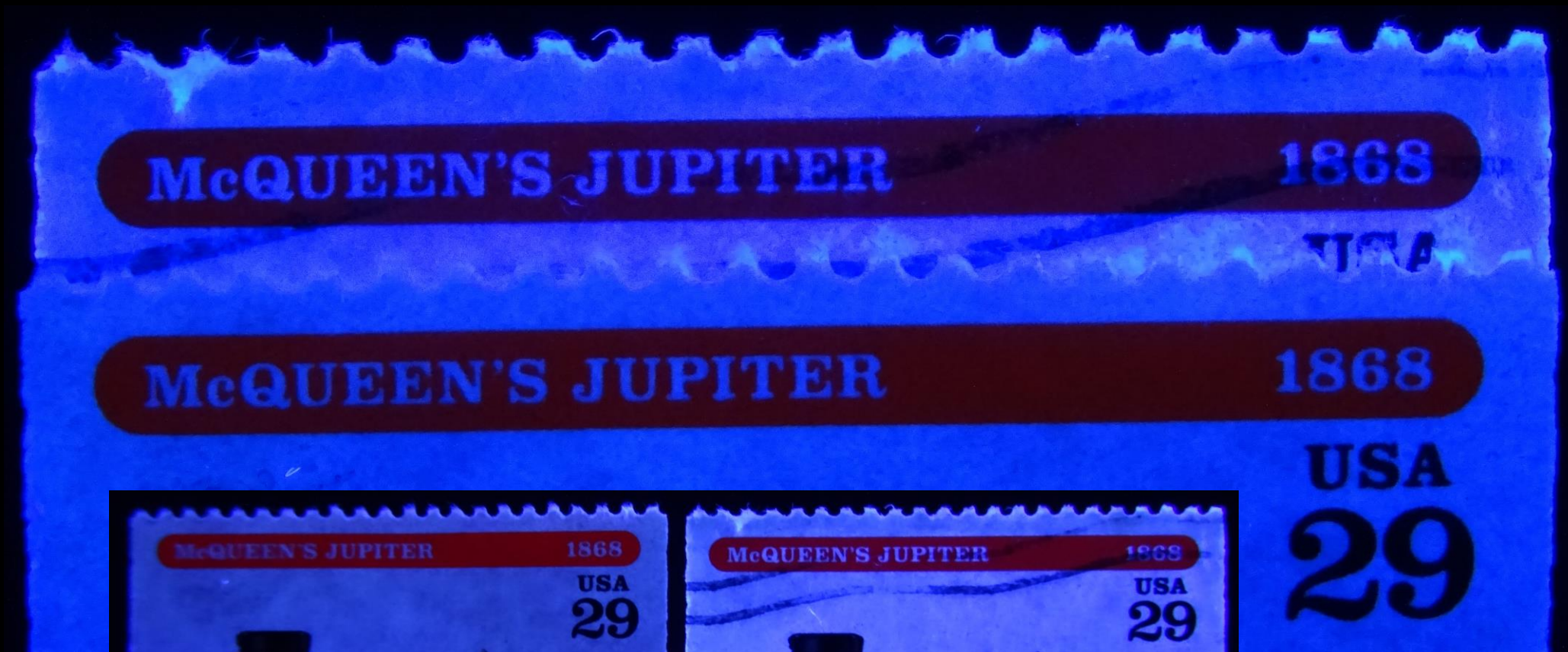
Non-luminescent Red ink



Look-a-like Luminescent ink

Scott 2843-47

*Luminescent Red ink
or look-a-like?*



Luminescent Red ink



Non-luminescent Red ink



Look-a-like Luminescent ink

Scott 2480

*Luminescent ink
or look-a-like?*



Look-a-like Luminescent ink

Non-luminescent ink



Look-a-like Luminescent ink

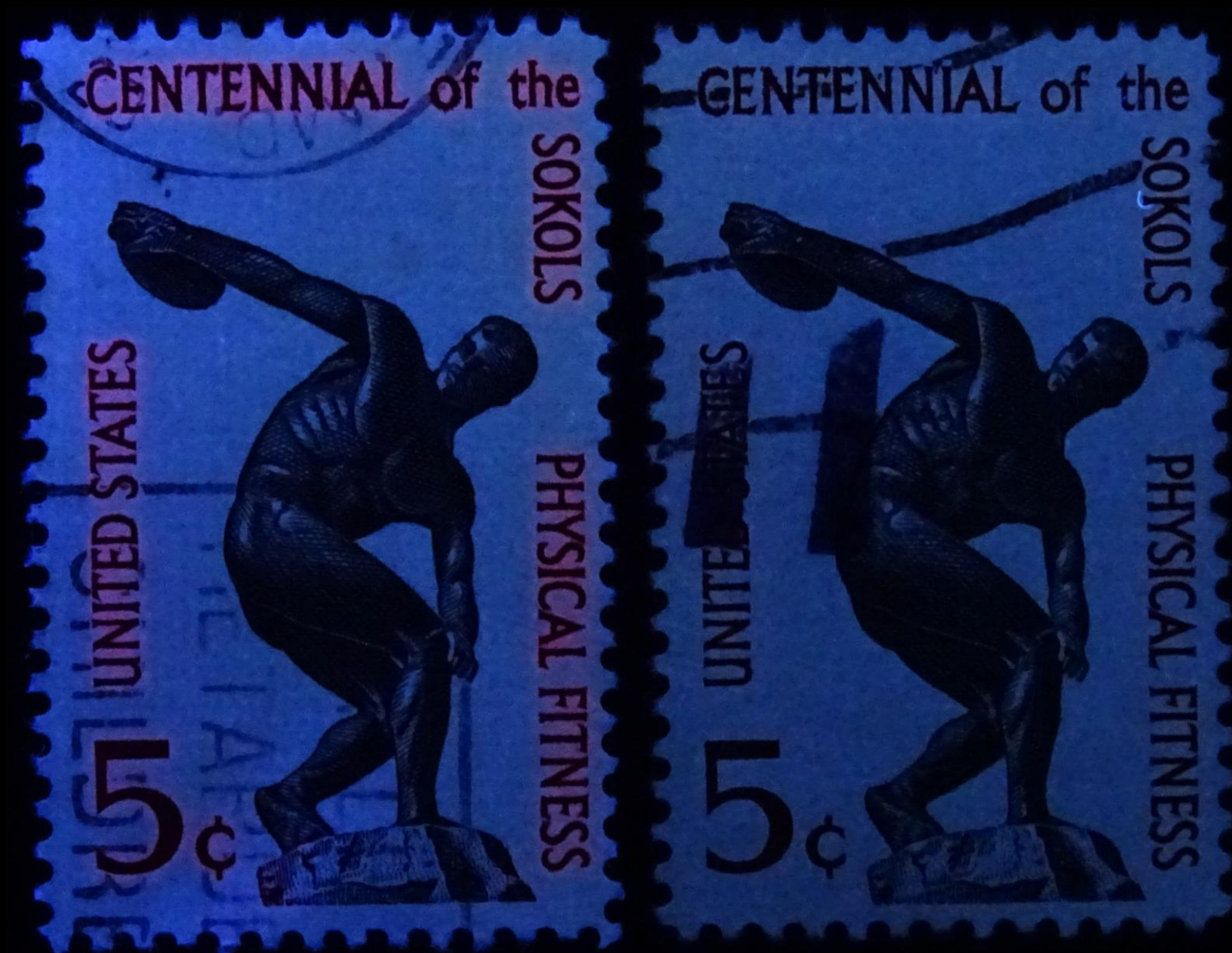
Result of Soaking the stamp?

Scott 1262

Bij gebruikte zegels kan het voorkomen dat het afweken of andere factoren invloed hebben gehad op de inkt.

Hierdoor kan ook een look-a-like luminescent ink ontstaan.

Bij het vaststellen van nieuwe varianten dient tenminste ook postfrisse exemplaren uitsluitel te geven van beide typen inkt.



Look-a-Like Luminescent ink

Non-luminescent ink



Luminescent ink

Scott 1262



Look-a-Like Luminescent ink

Non-luminescent ink

Result of Soaking the stamp?





- *Het zoeken naar deze inktvarianten geeft een leuke uitdaging en een verfraaiing van uw verzameling.*
- *Een overzicht van de tot nu toe gevonden luminescerende inkt varianten is ondergebracht in een Specialized Checklist: Paper Fluorescence and Luminescent ink, Update Oktober 2020.*
- *Deze lijst zal de komende jaren zeker nog worden aangepast. Controleer dus regelmatig op Updates via onze website.*
- *Varianten die niet op de lijst staan graag melden. (hvg1958@hotmail.nl)*

Veel verzamelplezier.



- *Eigen onderzoek*
- *US Tagging & Luminescence Database*

http://www.stampsmarter.com/features/Tagging_Home.html
- *Correspondence with Mark Stockburger*
- *Scott Specialized Catalogue of U.S. Stamps & Covers 2020*



Dit was de laatste presentatie uit een reeks van vijf onderwerpen over papiersoorten van Amerikaanse postzegels.

I: Paper types 1847-1962 (Update: April 2019)

II: Wet and Dry printing (Update: Mei 2018)

III: Tagged US Stamps (Update: Juli 2019)

IV: Paper Fluorescence on US Stamps (Oktober 2020)

V: Luminescent ink on US Stamps (Update: Oktober 2020)

