

# POSTAGE PAN-AMERICAN ISSUE

Perforated 12

The Pan-American issue is the first of the twentieth century. The six-value set was released for the Pan-American Exposition, held in Buffalo from May 1 to November 1, 1901. In common with the Trans-Mississippi series, the Pan-Americans were issued during the McKinley administration.

The protests of collectors against high face-value stamps in response to the Trans-Mississippi issue was apparently heard. The Pan-American set could be purchased for 30 cents versus \$3.80 or \$16.34 for the previous commemorative sets.



1c Green & Black  
Scott 294



2c Carmine & Black  
Scott 295



4c Deep Red  
Brown & Black  
Scott 296



5c Ultramarine  
& Black  
Scott 297



8c Brown Violet  
& Black  
Scott 298



10c Yellow Brown  
& Black  
Scott 299

## THE INVERTS

The set was the Bureau of Engraving and Printing's first attempt at bicolored postage stamps and the Post Office's first bicolored general release since the 1869 Pictorials. In common with their 1869 counterparts, the Pan-American Issue created three inverts.



1c Green & Black  
Scott 294a



2c Carmine & Black  
Scott 295a

# POSTAGE

## 1902-08 ISSUE

Perforated 12, Double-Line Watermark

The 1902 Issue is the first regular issue designed by the Bureau of Engraving and Printing, and it was prepared during the Roosevelt administration. The 1894 Bureau stamps were an adaptation of earlier American Bank Note Co. designs, and the Trans-Mississippi and Pan-American issues were commemoratives on sale for a relatively short period of time.

the first time a famous American woman, Martha Washington. The Bureau took great pains to make the new designs elaborate and artistic in an effort to draw attention to the Post Office and use of the mails.

The new series was greeted enthusiastically and remained current until 1908 when it was replaced by the Washington-Franklin series.

The series of fourteen denominations featured for



1c Blue Green  
Scott 300



2c Carmine  
Scott 301



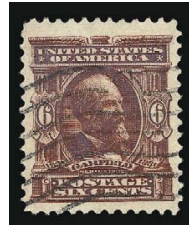
3c Bright Violet  
Scott 302



4c Brown  
Scott 303



5c Blue  
Scott 304



6c Claret  
Scott 305



8c Violet Black  
Scott 306



10c Pale Red Brown  
Scott 307



13c Purple Black  
Scott 308



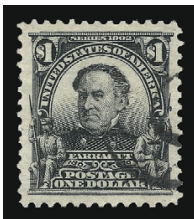
15c Olive Green  
Scott 309



50c Orange  
Scott 310



50c Deep Orange  
Scott 310 var



\$1 Black  
Scott 311



\$2 Dark Blue  
Scott 312



\$5 Dark Green  
Scott 313

POSTAGE  
1902-08 ISSUE

Perforated 12, Double-Line Watermark

BOOKLETS



1c Blue Green  
Scott 300b



2c Carmine  
Scott 301c

# POSTAGE

## 1902-08 ISSUE

### Imperforate, Double-Line Watermark

Prior to the Post Office Department's experimentation with coils in 1908, it provided imperforate stamps to private vending- and affixing-machine companies who perforated the stamps to fit the mechanisms of their patented devices. The sale of imperforate stock to these companies resulted in the first non-error imperforate stamps to officially reach the public since 1856.



1c Blue Green  
Scott 314



5c Blue  
Scott 315



4c Brown  
Scott 314A

In May 1908, a supply of 25 sheets (400 stamps per sheet) of the 4c 1902 Issue, without perforations, was delivered to the Schermack Mailing Machine Co. in Detroit. The entire supply was cut into coils with Schermack Type III perforations, designed for the firm's patented affixing machine and delivered to the Winfield Printing Co. for use on mass mailings of advertising material. Approximately 6,000 were used on a mailing for Hamilton Carhartt Manufacturer, and almost all of the 4,000 balance were used on a mailing for Burroughs Adding Machine Co.

Today, only 21 unused and less than 50 used are known. Most mass mailings tended to be thrown out, much like today's junk mail.

# POSTAGE

## 1902-08 ISSUE

Perforated 12, Double-Line Watermark

According to Johl, the proofs of the regularly-issued 2c stamp (Scott 301) were considered masterpieces, but when the stamp was issued in red using the wet paper printing method it was widely criticized. Washington's nose was excessively red and the details of the design were lost. The New York Times wrote that *"if not labelled Washington it could be taken for Adams, Madison or Monroe"*.

Faced with such criticism the post office department rushed a replacement stamp into use — the 2c Shield issue (Scott 319 and 320) — less than nine months later.



Type I has thin inner line and leaf breaks frame



Type II has thick inner line and leaf doesn't break frame



2c Carmine, Ty. I  
Scott 319



2c Lake, Ty. I  
Scott 319a



2c Carmine Rose, Ty. I  
Scott 319b



2c Scarlet, Ty. I  
Scott 319c



2c Lake, Ty. II  
Scott 319F



2c Carmine, Ty. II  
Scott 319Fi



2c Carmine Rose, Ty. II  
Scott 319Fj



2c Scarlet, Ty. II  
Scott 319Fk

POSTAGE  
1902-08 ISSUE

Imperforate, Double-Line Watermark,



2c Carmine, Type I  
Scott 320



2c Scarlet, Type I  
Scott 320b



2c Carmine Rose, Type I  
Scott 320c



2c Lake, Type II  
Scott 320A



2c Carmine, Type II  
Scott 320Ad

*This is only known with Schermack Type III perforations*

POSTAGE  
1902-08 ISSUE

Perforated 12, Double-Line Watermark

BOOKLETS



2c Carmine, Type I  
Scott 319g



2c CarmineRose, Type I  
Scott 319n



2c Scarlet, Type I  
Scott 319p



2c Lake, Type II  
Scott 319Fq

# POSTAGE

## 1904-1907 COMMEMORATIVES

1904 LOUISIANA PURCHASE EXPOSITION ISSUE

Perforated 12, Double-Line Watermark



1c Green  
Scott 323



2c Carmine  
Scott 324



3c Violet  
Scott 325



5c Dark Blue  
Scott 326



10c Red Brown  
Scott 327

1907 JAMESTOWN EXPOSITION ISSUE



1c Green  
Scott 328



2c Carmine  
Scott 329



5c Blue  
Scott 330



## POSTAGE

# 1908-1909 REGULAR ISSUE

In 1908, the first issue of the Washington-Franklin series was released. Johl states that the series was an attempt by the Post Office to standardize designs, in common with many European countries.

The Washington-Franklin series was printed from 1908 until 1921. During its life it would undergo a series of changes in paper, perforation and printing methods in an attempt to fix problems in production and use of the issue.

Perforated 12, Double-Line Watermark



1c Green  
Scott 331



2c Carmine  
Scott 332



3c Deep Violet  
Scott 333



4c Orange Brown  
Scott 334



5c Blue  
Scott 335



6c Red Orange  
Scott 336



8c Olive Green  
Scott 337



10c Yellow  
Scott 338



13c Blue Green  
Scott 339



15c Pale Ultramarine  
Scott 340



50c Violet  
Scott 341



\$1.00 Violet Brown  
Scott 342

POSTAGE  
1908-1909 IMPERF ISSUE

Imperforate, Double-Line Watermark

PAIRS



1c Green  
Scott 343



2c Carmine  
Scott 344



3c Deep Violet  
Scott 345



4c Orange Brown  
Scott 346



5c Blue  
Scott 347



1c Green  
Scott 331a



2c Carmine  
Scott 332a

POSTAGE  
1908-1909 COIL ISSUE

COIL GUIDE LINE PAIRS

Perforated 12 Horizontally, Double-Line Watermark



1c Green  
Scott 348



2c Carmine  
Scott 349



4c Orange Brown  
Scott 350



5c Blue  
Scott 351

Perforated 12 Vertically, Double-Line Watermark



1c Green  
Scott 352



2c Carmine  
Scott 353



4c Orange Brown  
Scott 354



5c Blue  
Scott 355



10c Yellow  
Scott 356

# POSTAGE

## 1909 BLUISH PAPER

Perforated 12, Double-Line Watermark

During the early stages of production, the Bureau tried to solve problems with paper shrinkage that caused off-center perforations and resulted in a large number of unusable sheets. Armstrong notes that up to twenty percent of printed sheets had to be discarded. The Bureau experimented with the paper content, adding various components to the mix to produce paper less prone to shrinkage.

The first such experiment resulted in the Bluish Paper stamps (Scott 357-366). Rag (cloth) was added to the wood pulp mixture, but this did not have the desired effect, and the experiment was discontinued.



1c Green  
Scott 357



2c Carmine  
Scott 358



3c Deep Violet  
Scott 359



5c Blue  
Scott 361



6c Red Orange  
Scott 362



10c Yellow  
Scott 364



13c Blue Green  
Scott 365



15c Pale Ultramarine  
Scott 366

POSTAGE  
1909 COMMEMORATIVES

Perforated 12, Double-Line Watermark

LINCOLN CENTENARY OF BIRTH ISSUE



2c Carmine  
Scott 367



2c Carmine, Imperf.  
Scott 368



2c Carmine, Bluish  
Scott 369

ALASKA-YUKON-PACIFIC EXPOSITION ISSUE



2c Carmine  
Scott 370



2c Carmine, Imperf.  
Scott 371

HUDSON-FULTON CELEBRATION ISSUE



2c Carmine  
Scott 372



2c Carmine, Imperf.  
Scott 373

# POSTAGE

## 1910-1911 REGULAR ISSUE

Perforated 12, Single-Line Watermark

For their next experiment, in 1910 the Bureau changed from double-line to single-line watermark paper. The new watermark was intended to strengthen the paper, and to give it a more uniform thickness. The perf 12 gauge was still in use.



1c Green  
Scott 374



2c Carmine  
Scott 375



3c Deep Violet  
Scott 376



4c Brown  
Scott 377



5c Blue  
Scott 378



6c Red Orange  
Scott 379



8c Olive Green  
Scott 380



10c Yellow  
Scott 381



15c Pale Ultramarine  
Scott 382



1c Green  
Scott 374a



2c Carmine  
Scott 375a



1c Green  
Scott 383



2c Carmine  
Scott 384

# POSTAGE

## 1910-1911 COIL ISSUE

### COIL GUIDE LINE PAIRS

Perforated 12 Horizontally, Single-Line Watermark



1c Green  
Scott 385



2c Carmine  
Scott 386

Perforated 12 Vertically, Single-Line Watermark



1c Green  
Scott 387



2c Carmine  
Scott 388  
*The only recorded guide line multiple*



3c Deep Violet  
Scott 389  
*One of two recorded multiples*

The 3c Orangeburg coil was made by the Post Office Department in 1911, specifically for use by the Bell Pharmaceutical Company. The 3c coil stamps were used to send samples of their products to physicians. Due to the quantity of mail, they were put through the first-class cancelling machine at Orangeburg, New York. The Orangeburg coil stamps' use on third-class mail, and the fact that philatelists were generally unaware of their production accounts for their rarity.

# POSTAGE

## 1910-1911 COIL ISSUE

### COIL GUIDE LINE PAIRS

Perforated 8½ Horizontally, Single-Line Watermark



1c Green  
Scott 390



2c Carmine  
Scott 391

Perforated 8½ Vertically, Single-Line Watermark



1c Green  
Scott 392



2c Carmine  
Scott 393



3c Deep Violet  
Scott 394



4c Brown  
Scott 395



5c Blue  
Scott 396



POSTAGE  
PANAMA-PACIFIC ISSUE

1913

Perforated 12, Single-Line Watermark



1c Green  
Scott 397



2c Carmine  
Scott 398



5c Blue  
Scott 399



10c Orange Yellow  
Scott 400



10c Orange  
Scott 400A

1914-1915

Perforated 10, Single-Line Watermark



1c Green  
Scott 401



2c Carmine  
Scott 402



5c Blue  
Scott 403



10c Orange  
Scott 404

# POSTAGE

## 1912-1914 REGULAR ISSUE

Perforated 12, Single-Line Watermark

For this issue, the design was slightly altered, so that the denomination was no longer spelled out on the 1c and 2c values. The designs for the higher denominations were also altered so that more showed the portrait of Franklin rather than Washington.



1c Green  
Scott 405



1c Green  
Double Impression  
Scott 405a



2c Carmine  
Scott 406



2c Lake  
Scott 406c



7c Black  
Scott 407



8c Pale Olive  
Scott 414



9c Salmon Red  
Scott 415



10c Orange Yellow  
Scott 416



12c Claret Brown  
Scott 417



15c Grey  
Scott 418



20c Ultramarine  
Scott 419



30c Orange Red  
Scott 420



50c Violet  
Scott 421



50c Violet  
Scott 422



\$1 Violet Brown  
Scott 423

POSTAGE  
1912-1914 REGULAR ISSUE

Perforated 12

IMPERFORATE PAIRS



1c Green  
Scott 408



2c Carmine  
Scott 409

KANSAS CITY ROULETTE



1c Green  
Scott 408var



2c Carmine  
Scott 409var

In December 1914, the Kansas City post office had an oversupply of imperforate stamps, originally intended for use in vending machines. The supply of stamps was rouletted with women's dressmaking tracing wheels, and official approval for their release was given by Washington D.C.

POSTAGE  
1912-1914 COIL ISSUE

Single-Line Watermark

COIL GUIDE LINE PAIRS

Perforated 8½ Horizontally



1c Green  
Scott 410



2c Carmine  
Scott 411

Perforated 8½ Vertically



1c Green  
Scott 412



2c Carmine  
Scott 413

## POSTAGE

# 1914 COMPOUND PERFS

In 1914, six years into production of the Washington-Franklin series, the perforations were altered to gauge 10 on all sides. The change was made in response to complaints from postmasters and users that the perf 12 stamps separated too easily, a problem encountered on earlier coil stamps. The weakened and separated sheets made it difficult for local postmasters to properly account for stock, and businesses lost time putting stamps on parcels when multiples fell apart.

The Bureau settled on perf 10 for the new gauge. Johl notes that the first machine was set to gauge 10 on

September 4, 1914, and that the last machine was set on November 4 of the same year. This month-long change gave philatelists some of the rarest Washington-Franklin varieties, the compound-perf 10 x 12 or 12 x 10 stamps.

In order for stamps to be perforated on all sides, they were put through the perforating machine twice—once for horizontal and once for vertical perforations. Some sheets were perforated at the different gauges during the transitional period. Three different denominations exist with compound perforations.

### Perforated 12 x 10



1c Green  
Scott 423A  
*Formerly 424a*



2c Rose Red  
Scott 423B  
*Formerly 425d*



5c Blue  
Scott 423C  
*Formerly 428a*

### Perforated 10 x 12



1c Green  
Scott 423D  
*Formerly 424b*

2c Rose Red  
Scott 423E  
*Formerly 425c*

# POSTAGE

## 1914-1915 REGULAR ISSUE

Perforated 10, Single-Line Watermark

In 1914, six years into production of the Washington-Franklin series, the perforations were altered to gauge 10 on all sides. The change was made in response to complaints from postmasters and users that the perf 12 stamps separated too easily, a problem encountered on earlier coil stamps. The weakened and separated sheets made it difficult for local

postmasters to properly account for stock, and businesses lost time putting stamps on parcels when multiples fell apart.

The Bureau settled on perf 10 for the new gauge. Johl notes that the first machine was set to gauge 10 on September 4, 1914, and that the last machine was set on November 4 of the same year.



1c Green  
Scott 424



2c Rose Red  
Scott 425



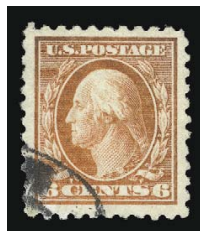
3c Deep Violet  
Scott 426



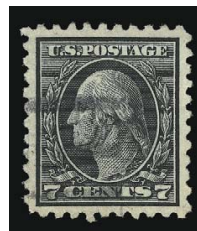
4c Brown  
Scott 427



5c Blue  
Scott 428



6c Red Orange  
Scott 429



7c Black  
Scott 430



8c Pale Olive Green  
Scott 431



9c Salmon Red  
Scott 432



10c Orange Yellow  
Scott 433



11c Dark Green  
Scott 434



12c Claret Brown  
Scott 435



12c Copper Red  
Scott 435a



15c Gray  
Scott 437



20c Ultramarine  
Scott 438



30c Orange Red  
Scott 439



50c Violet  
Scott 440

POSTAGE  
1914-1915 COIL ISSUE

COIL GUIDE LINE PAIRS

Perforated 10 Horizontally, Single-Line Watermark



1c Green  
Scott 441



2c Carmine  
Scott 442

Perforated 10 Vertically, Single-Line Watermark



1c Green  
Scott 443



2c Carmine  
Scott 444



2c Lake  
Scott 444a



3c Violet  
Scott 445



4c Brown  
Scott 446



5c Blue  
Scott 447

# POSTAGE

## 1914-1916 ROTARY COIL ISSUE

### COIL JOINT LINE PAIRS

Perforated 10 Horizontally, Single-Line Watermark



1c Green  
Scott 448



2c Red, Ty. I  
Scott 449



2c Carmine, Ty. III  
Scott 450

Perforated 10 Vertically, Single-Line Watermark



1c Green  
Scott 452



2c Carmine Rose, Ty. I  
Scott 453



2c Red, Ty. II  
Scott 454



2c Carmine, Ty. III  
Scott 455



3c Violet  
Scott 456

Imperforate



2c Carmine, Ty. I  
Scott 459



4c Brown  
Scott 457



5c Blue  
Scott 458



# POSTAGE

## 1915-1917 WARTIME ISSUES

Perforated 10, Flat Plate, Double-Line Watermark



\$1 Violet Black  
Scott 460

The change from 12-gauge to 10-gauge perforations occurred after single-line watermarked paper was introduced. However, unlike the other denominations, the \$1.00 was never printed on the new single-line watermark paper. The Bureau continued to use up their stocks of this paper, but the stamps were perforated on the newly-outfitted Perf 10 perforating machines.

Perforated 11, Flat Plate, Single-Line Watermark



2c Pale Car. Red  
Scott 461

The Bureau had switched from perf 12 to perf 10 to address criticism that the stamps separated too easily. However, the perf 10 stamps had the opposite effect, often causing users to tear their stamps when separating. Facing vocal public criticism, Third Assistant Postmaster General Dockery experimented with this perf 11 issue. In June of 1915 a total of 90,000 of this trial perforation were issued, and deemed satisfactory by test users. However, due to the frugality of wartime conditions the Bureau did not change to the new perf 11 wheels until all of the old perf 10 wheels had worn out. The switch wasn't started until almost two years later, and by this time the Bureau was using unwatermarked paper.

Perforated 11, Flat Plate, Double-Line Watermark



2c Carmine  
Scott 519

A small quantity of leftover imperforate stock of the old 2c design with denomination spelled out (Scott 344) was returned to the Bureau in 1917. Rather than destroy them, they were perforated with the gauge 11 which was currently in use.

# POSTAGE

## 1916-1917 REGULAR ISSUE

Perforated 10, Flat Plate, Unwatermarked

The primary difference between this issue and the 1913-1915 Issue (Scott 424-440) is that this new issue was printed on unwatermarked paper. This issue also saw the introduction of an unusual error, the 5c error printed in the color of the 2c (Scott 467). This variety was caused when three positions were re-entered on one of the 2c plates using the wrong transfer roll. \$2 and \$5 denominations were also added, using the designs of the much earlier 1902 Issue.



1c Green  
Scott 462



2c Carmine  
Scott 463



3c Violet  
Scott 464



4c Orange Brown  
Scott 465



5c Blue  
Scott 466



5c Carmine  
Error of Color  
Scott 467



6c Red Orange  
Scott 468



7c Black  
Scott 469



8c Olive Green  
Scott 470



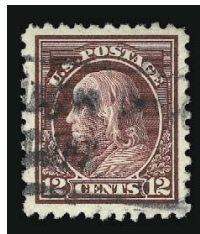
9c Salmon Red  
Scott 471



10c Orange Yellow  
Scott 472



11c Dark Green  
Scott 473



12c Claret Brown  
Scott 474



15c Gray  
Scott 475



20c Light Ultramarine  
Scott 476



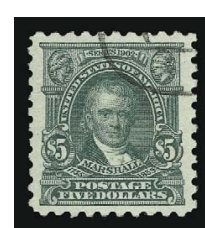
50c Light Violet  
Scott 477



\$1 Violet Black  
Scott 478



\$2 Dark Blue  
Scott 479



\$5 Light Green  
Scott 480

# POSTAGE

## 1916-1917 IMPERFORATE ISSUE

Imperforate, Unwatermarked



1c Green  
Scott 481



2c Carmine, Type I  
Scott 482



2c Deep Rose, Type Ia  
Scott 482A

Scott 482A is the first Type Ia stamp to be issued (the second is Scott 500). It was issued imperforate, but like Scott 314A it is only known with Schermack Type III perforations.



3c Violet, Type I  
Scott 483



3c Violet, Type II  
Scott 484

# POSTAGE

## 1916-1918 COIL ISSUE

### COIL JOINT LINE PAIRS

Rotary Press, Perforated 10 Horizontally, Unwatermarked



1c Green  
Scott 486



2c Carmine  
Scott 487



2c Carmine  
Scott 488



3c Violet  
Scott 489

Rotary Press, Perforated 10 Vertically, Unwatermarked



1c Green  
Scott 490



2c Carmine  
Scott 491



2c Carmine  
Scott 492



3c Violet  
Scott 493



3c Violet  
Scott 494



4c Orange Brown  
Scott 495



5c Blue  
Scott 496



10c Orange Yellow  
Scott 497

# POSTAGE

## 1917-1919 REGULAR ISSUE

Perforated 11, Flat Plate, Unwatermarked

The Bureau had switched from perf 12 to perf 10 to address criticism that the stamps separated too easily. However, the perf 10 stamps had the opposite effect, often causing users to tear their stamps when separating. Facing vocal public criticism, Third Assistant Postmaster General Dockery experimented with making a perf 11 issue (Scott 461), which were deemed

satisfactory by test users. However, due to the frugality of wartime conditions the Bureau did not change to the new perf 11 wheels until almost two years later, when all of the old perf 10 wheels had worn out.

This issue was printed for several years, until it was gradually phased out by the 1922-25 Issue (Scott 551-573).



1c Green  
Scott 498



1c Green  
Double Impression  
Scott 498d



2c Rose, Type I  
Scott 499



2c Rose, Type I  
Double Impression  
Scott 499g



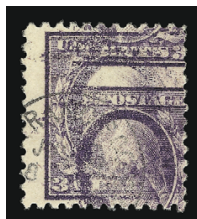
2c Lake, Type I  
Scott 499h



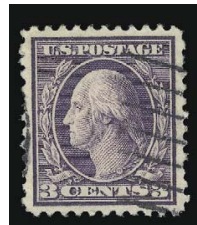
2c Deep Rose, Type Ia  
Scott 500



3c Light Violet, Type I  
Scott 501



3c Light Violet, Type I  
Double Impression  
Scott 501d



3c Dark Violet, Type II  
Scott 502



3c Dark Violet, Type II  
Double Impression  
Scott 502d



4c Brown  
Scott 503



5c Blue  
Scott 504



5c Blue  
Double Impression  
Scott 504b



5c Rose  
Error of Color  
Scott 505



6c Red Orange  
Scott 506

POSTAGE  
1917-1919 REGULAR ISSUE

Perforated 11, Flat Plate, Unwatermarked



7c Black  
Scott 507



8c Olive Bister  
Scott 508



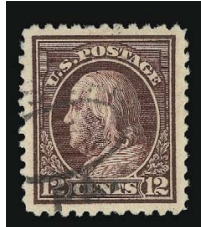
9c Salmon Red  
Scott 509



10c Orange Yellow  
Scott 510



11c Light Green  
Scott 511



12c Claret Brown  
Scott 512



12c Brown Carmine  
Scott 512a



13c Apple Green  
Scott 513



15c Gray  
Scott 514



20c Light Ultramarine  
Scott 515



30c Orange Red  
Scott 516



50c Red Violet  
Scott 517



\$1.00 Violet Brown  
Scott 518

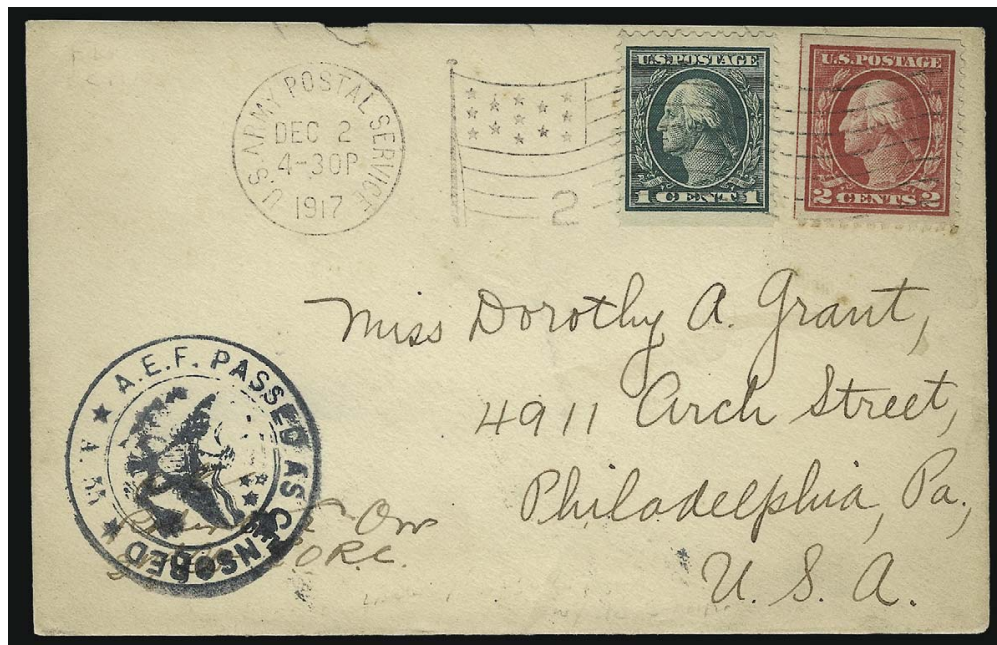


\$1.00 Deep Brown  
Scott 518b

POSTAGE  
1917-1919 REGULAR ISSUE

Perforated 11, Flat Plate, Unwatermarked

BOOKLETS



1c Green, 2c Rose, Type I  
From American Expeditionary Forces booklets  
Scott 498f, 499f

POSTAGE  
1917-1919 REGULAR ISSUE

Perforated 11, Flat Plate, Unwatermarked

BOOKLETS



1c Green, Pane of 30



# POSTAGE

## 1917-1923 ISSUES

### PERFORATION VARIETIES

Perforated 11 on Three sides, Perforated 10 on one side, Flat Plate, Unwatermarked

At some point during production one of the perf 11 perforating wheels became damaged, and was repaired using spare parts from an old perf 10 perforating wheel. This likely happened sometime in 1922 or 1923, when printing of the 1917-1919 Regular issue would have overlapped with the printing of the 1922-1925 Issue. Values from both sets are known perforated 10 on one side, and there is duplication of only one denomination.



1c Green  
Scott 498g



2c Carmine Rose, Ty. III  
Scott 546a



2c Carmine  
Scott 554d



3c Dark Violet, Type II  
Scott 502e



4c Yellow Brown  
Scott 556b



5c Dark Blue  
Scott 557c



6c Red Orange  
Scott 506a



8c Olive Bister  
Scott 508c



9c Salmon Red  
Scott 509a



10c Orange  
Scott 562c



11c Light Green  
Scott 511a



11c Light Green  
Scott 511a



12c Claret Brown  
Scott 512b



15c Gray  
Scott 514a



20c Light Ultramarine  
Scott 515d



25c Yellow Green  
Scott 568c



30c Orange Red  
Scott 516a



50c Red Violet  
Scott 517c

# POSTAGE

## 1918-1920 ISSUES

Perforated 11, Flat Plate, Unwatermarked

In 1918 new bicolored \$2.00 and \$5.00 stamps superseded the old 1902 Series designs perforated 10 on unwatermarked paper. They were issued just a few months after the 24c Inverted Jenny.

According to Johl, the \$2.00 Orange Red & Black was a color error on the part of the Bureau of Engraving & Printing. The official description and order for the bi-color stamps specified "Red and Black" for the \$2.00. When subsequent printings appeared in 1920 and phi-

latelists brought the matter to the attention of the Bureau, they were told "this stamp has always been this color" (Johl, p. 306).

From studies of Bureau and Post Office records, it is clear that the originally intended color was not issued until November 1920 (Scott 547), and that the earlier Orange Red stamps were mistakes. The quantity issued has been variously estimated at between 47,000 and 68,000.



\$2.00 Orange Red  
& Black  
Scott 523



\$2.00 Red Orange  
& Black  
Scott 523var



\$5.00 Deep Green  
& Black  
Scott 524



\$5.00 Green  
& Black  
Scott 524 var



\$2.00 Carmine  
& Black  
Scott 547

# POSTAGE

## 1918-1920 OFFSET ISSUE

Perforated 11, Offset Printing, Unwatermarked

Due to a problem with inks, the Bureau discovered that high-volume plates were wearing out faster than they could be replaced. To meet the demand for 3c stamps created by the November 1917 rate change, the cheaper and faster offset-printing presses were used.

The 1c and 3c 1918 Offset stamps are comparatively crude products, but they were necessary under the circumstances. In 1920 another ink problem arose and

forced the use of offset printing for the 2c. The different types recognized by philatelists were created in the photo-lithographic process used to make the plates for offset printing.

The imperforate offset-printed sheets were provided to vending- and affixing-machine companies for private perforation. Certain imperforate types were issued in extremely small quantities and are very rare.



1c Gray Green  
Scott 525



1c Dark Green  
Scott 525a



1c Gray Green  
Double Impression  
Scott 525d



2c Carmine , Type IV  
Scott 526



2c Carmine , Type V  
Scott 527



2c Carmine , Type Va  
Scott 528



2c Carmine , Type VI  
Scott 528A



2c Carmine , Type VI  
Double Impression  
Scott 528Ad



2c Carmine , Type VII  
Scott 528B



2c Carmine , Type VII  
Double Impression  
Scott 528Be

POSTAGE  
1918-1920 OFFSET ISSUE

Perforated 11, Offset Printing, Unwatermarked



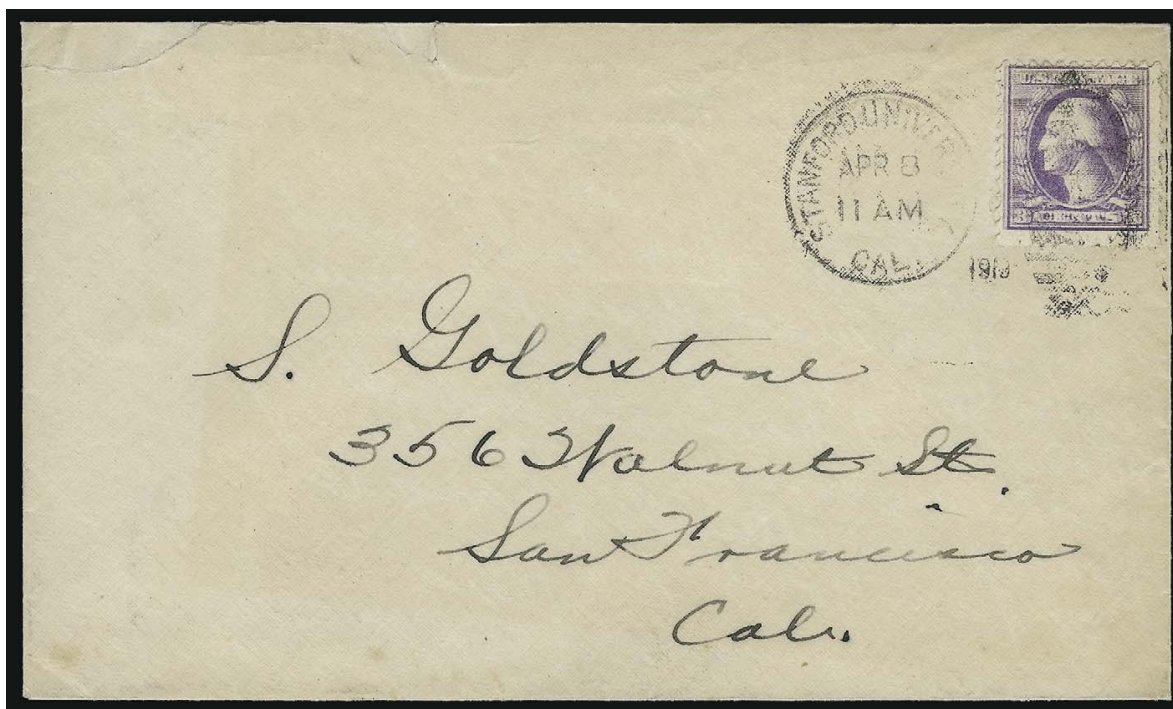
3c Violet, Type III  
Scott 529



3c Violet, Type III  
Double Impression  
Scott 529a



3c Purple, Type IV  
Scott 530



3c Purple, Type IV  
Double Impression  
Scott 530a

Perforated 12½



1c Gray Green  
Scott 536

POSTAGE  
1918-1920 OFFSET ISSUE

Imperforate, Offset Printing, Unwatermarked

PAIRS



1c Green  
Scott 531



2c Carmine Rose, Type IV  
Scott 532



2c Carmine, Type V  
Scott 533



2c Carmine, Type Va  
Scott 534



2c Carmine, Type VI  
Scott 534A



2c Carmine, Type VII  
Scott 534B



3c Violet, Type IV  
Scott 535

POSTAGE  
1919 VICTORY ISSUE

Perforated 11, Flat Plate, Unwatermarked



3c Violet  
Scott 537



3c Deep Red Violet  
Scott 537a



3c Light Reddish Violet  
Scott 537b



3c Red Violet  
Scott 537c

## POSTAGE

# 1919-1921 ROTARY WASTE

The rotary press, first used for printing coil stamps in 1915, was a new printing method designed for rapid production. At the beginning or end of a coil-stamp print run from the 170-subject plates, some leading or trailing paper was produced that was too short for rolling into 500-stamp rolls. Sheet stamps printed from 400-subject plates also produced some waste that was set aside.

In 1919 the Bureau devised a plan to salvage this waste by perforating and cutting the sheets into panes. They were put through the 11-gauge flat-plate perfora-

tor in use at the time, giving the sheets full perforations on all sides.

Depending on whether they were perforated during an earlier stage of production, the sheets were put through the flat-plate perforator in either one or two directions.

The first stamps issued under the program were coil-waste sheets already perforated 10 in one direction and are listed as Scott 538-541. Another was already perforated 10 on all sides, and some had not yet been perforated and were then perforated 11 on all sides.

### Perforated 11 x 10, Design 19½-20 x 22-22¼mm



1c Green  
Scott 538



2c Car. Rose, Type II  
Scott 539



2c Car. Rose, Type III  
Scott 540



3c Violet, Type II  
Scott 541

### Perforated 10 x 11 Design 19 x 22½-22¾mm



1c Green  
Scott 542



1c Green  
Scott 543

### Perforated 10 Design 19 x 22½mm

### Perforated 11 Design 19½-20 x 22 mm



1c Green  
Scott 545



2c Car. Rose, Type III  
Scott 546

POSTAGE  
1922-1923 ROTARY WASTE

Perforated 11

Design 19 x 22½ mm



1c Green  
Scott 544

This stamp was perforated 11 on two separate occasions, one of which coincided with the 1923 production of Scott 596 and 613.

Design 19¾ x 22¼ mm



1c Green  
Scott 594

The 1c Green, Scott 594, is waste from a horizontal rotary printing used to make coils.

Design 19¼ x 22½ mm



1c Green  
Scott 596

Scott 596 is waste from a vertical rotary printing used to make sheet stamps—a fact proven by the existence of precancelled copies. No unused copies are recorded.

Design 19¼ x 22½ mm



2c Black  
Scott 613

Scott 613, the 2c Harding Rotary Perf 11 stamp, was made from an extremely small quantity of rotary sheet waste, probably at the same time as Scott 544 and 596.



# POSTAGE

## 1922-1925 ISSUE

Perforated 11, Flat Plate, Unwatermarked

After Harding's election in 1921 Will Hays, chairman of the Republican National Committee, was appointed Postmaster General. The Washington- Franklin series, which had intentionally been produced with uniform designs since 1908, came to an end with the 1922 Issue.

Stamps in 25 denominations were eventually issued, including some depicting items of national interest such

as the Golden Gate, Lincoln Memorial and the Capitol. They were released over time rather than all at once, most on dates of historical significance relating to their subject.

Like the Washington-Franklin Issue, the 1922-25 Issue provides an array of different perforating and printing varieties, many of which relate to difficulties in production.



½c Olive Brown  
Scott 551



1c Deep Green  
Scott 552



1½c Yellow Brown  
Scott 553



2c Carmine  
Scott 554



3c Violet  
Scott 555



4c Yellow Brown  
Scott 556



5c Dark Blue  
Scott 557



6c Red Orange  
Scott 558



7c Black  
Scott 559



8c Olive Green  
Scott 560

POSTAGE  
1922-1925 ISSUE

Perforated 11, Flat Plate, Unwatermarked



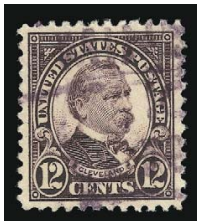
9c Rose  
Scott 561



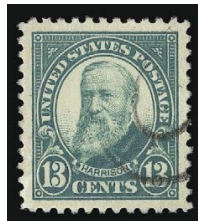
10c Orange  
Scott 562



11c Greenish Blue  
Scott 563



12c Brown Violet  
Scott 564



13c Green  
Scott 622



14c Blue  
Scott 565



15c Gray  
Scott 566



17c Black  
Scott 623



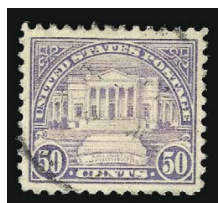
20c Carmine Rose  
Scott 567



25c Yellow Green  
Scott 568



30c Olive Brown  
Scott 569



50c Lilac  
Scott 570



\$1.00 Violet Brown  
Scott 571



\$2.00 Deep Blue  
Scott 572



\$5.00 Carmine & Blue  
Scott 573



\$5.00 Carmine Lake  
& Dark Blue  
Scott 573a

POSTAGE  
1923-1925 ISSUE

Imperforate, Flat Plate, Unwatermarked  
Design 19¼ x 22¼ mm



1c Green  
Scott 575



1½c Yellow Brown  
Scott 576



2c Carmine  
Scott 577

Perforated 11 x 10, Rotary Press, Unwatermarked  
Design 19¼ x 22¼ mm



1c Green  
Scott 578



2c Carmine  
Scott 579

Perforated 11, Rotary Press, Unwatermarked  
Design 19¼ x 22¼ mm



2c Carmine  
Scott 595

POSTAGE  
1923-1925 ISSUE

Perforated 10, Rotary Press, Unwatermarked  
Design 19¼ x 22½ mm



1c Green  
Scott 581



1½c Brown  
Scott 582



2c Carmine  
Scott 583



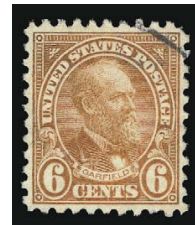
3c Violet  
Scott 584



4c Yellow Brown  
Scott 585



5c Blue  
Scott 586



6c Red Orange  
Scott 587



7c Black  
Scott 588



8c Olive Green  
Scott 589



9c Rose  
Scott 590



10c Orange  
Scott 591

# POSTAGE 1923-1929 ISSUE

COIL JOINT LINE PAIRS

Perforated 10 Vertically, Rotary Press, Unwatermarked  
Design 19¾ x 22¼ mm



1c Green  
Scott 597



1/2c Brown  
Scott 598



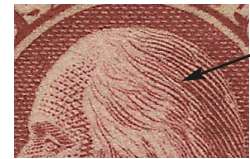
2c Carmine, Type I  
Scott 599



Type I  
No heavy hair lines  
at top of head



2c Carmine Lake, Type I  
Scott 599b



Type II  
Three heavy hair  
lines at top of head



2c Carmine, Type II  
Scott 599A



2c Carmine, Type I-II  
Scott 599-599A



3c Violet  
Scott 600



4c Yellow Brown  
Scott 601



5c Dark Blue  
Scott 602



10c Orange  
Scott 603

POSTAGE  
1923-1929 ISSUE

COIL JOINT LINE PAIRS

Perforated 10 Horizontally, Rotary Press, Unwatermarked  
Design 19¼ x 22½ mm



1c Green  
Scott 604



1½c Brown  
Scott 605



2c Carmine  
Scott 606

POSTAGE

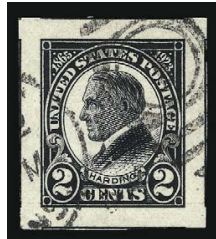
# 1923 HARDING MEMORIAL

Perforated 11, Flat Plate, Unwatermarked



2c Black  
Scott 610

Imperforate, Flat Plate, Unwatermarked



2c Black  
Scott 611

Perforated 10, Rotary Press, Unwatermarked



2c Black  
Scott 612

# POSTAGE 1926 ISSUE

Imperforate, Rotary Press, Unwatermarked



1/2c Yellow Brown  
Scott 631

Perforated 11 x 10½, Rotary Press, Unwatermarked



1/2c Olive Brown  
Scott 653



1c Green  
Scott 632



1 1/2c Yellow Brown  
Scott 633



2c Carmine, Type I  
Scott 634



2c Carmine Lake, Ty. II  
Scott 634b



2c Carmine, Type II  
Scott 634A



3c Violet  
Scott 635



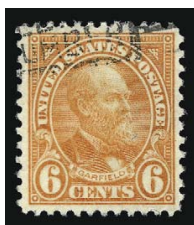
3c Bright Violet  
Scott 635a



4c Yellow Brown  
Scott 636



5c Dark Blue  
Scott 637



6c Red Orange  
Scott 638



7c Black  
Scott 639



8c Olive Green  
Scott 640



9c Rose  
Scott 641



10c Orange  
Scott 642



POSTAGE  
1920-1926 COMMEMORATIVES

Perforated 11, Flat Plate, Unwatermarked

1920 PILGRIM TERCENTENARY ISSUE  
Commemorating landing of the Pilgrims at Plymouth Rock



1c Green  
Scott 548



2c Carmine Rose  
Scott 549



5c Deep Blue  
Scott 550

1924 HUGUENOT-WALLOON TERCENTENARY ISSUE  
Commemorating 300th anniversary of settling of the Walloons



1c Dark Green  
Scott 614



2c Carmine Rose  
Scott 615



5c Deep Blue  
Scott 616

1925 LEXINGTON-CONCORD SESQUICENTENNIAL ISSUE  
Commemorating 150th anniversary of the Battle of Lexington-Concord



1c Deep Green  
Scott 617



2c Carmine Rose  
Scott 618



5c Dark Blue  
Scott 619

POSTAGE  
1920-1926 COMMEMORATIVES

Perforated 11, Flat Plate, Unwatermarked

NORSE-AMERICAN ISSUE

Commemorating arrival in 1825 of first immigrants from Norway



2c Carmine & Black  
Scott 620



5c Dark Blue & Black  
Scott 621

SESQUICENTENNIAL EXPOSITION ISSUE

Commemorating 150th Anniversary  
of Declaration of Independence



2c Carmine Rose  
Scott 627

ERICSSON MEMORIAL ISSUE

Commemorating John Ericsson, builder  
of the "Monitor" ironclad of Civil War fame.



5c Gray Lilac  
Scott 628

BATTLE OF WHITE PLAINS ISSUE

Commemorating 150th Anniversary  
of the Battle of White Plains N.Y.



2c Carmine Rose  
Scott 629

VERMONT SESQUICENTENNIAL ISSUE

Commemorating 150th Anniversary  
of the Battle of Bennington and State Independence



2c Carmine Rose  
Scott 643

POSTAGE  
1920-1926 COMMEMORATIVES

Perforated 11, Unwatermarked



2c Carmine Rose  
Scott 630  
*Cancelled on first day of issue*

POSTAGE  
1920-1926 COMMEMORATIVES

Perforated 11, Flat Plate, Unwatermarked

BURGOYNE CAMPAIGN ISSUE

Commemorating Battles of Bennington,  
Oriskany, Fort Stanwix and Saratoga



2c Carmine Rose  
Scott 644

VALLEY FORGE ISSUE

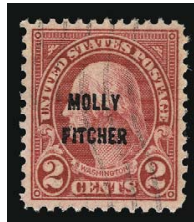
Commemorating 150th Anniversary of  
Washington's encampment at Valley Forge



2c Carmine Rose  
Scott 645

BATTLE OF MONMOUTH ISSUE

Commemorating 150th Anniversary of Battle  
of Monmouth N.J. and Molly Pitcher



2c Carmine  
Scott 646

HAWAII SESQUICENTENNIAL ISSUE

Commemorating 150th Anniversary  
of discovery of the Hawaiian Islands



2c Carmine  
Scott 647



5c Dark Blue  
Scott 648

For the Battle of Monmouth and Hawaii Sesquicentennial issues, the Postmaster General resisted lobbying efforts to make a commemorative stamp. As a last effort proponents lobbied for and received a surcharged commemorative. This proved slightly disastrous, because postmasters sometimes confused them for precancelled or used stamps and refused to honor them as valid postage.

# POSTAGE

## 1920-1926 COMMEMORATIVES

Perforated 11, Flat Plate, Unwatermarked

### AERONAUTICS CONFERENCE ISSUE

Commemorating 25th Anniversary  
of the first flight of the Wright Brothers



2c Carmine Rose  
Scott 649



5c Blue  
Scott 650

### GEORGE ROGERS CLARK ISSUE

Commemorating 150th Anniversary  
of surrender of present site of Vincennes Ind.

### SULLIVAN EXPEDITION ISSUE

Commemorating 150th Anniversary  
of Sullivan Expedition in N.Y. during Revolution



2c Carmine & Black  
Scott 651



2c Carmine Rose  
Scott 657



2c Lake  
Scott 657a

### ELECTRIC LIGHT GOLDEN JUBILEE

Commemorating 50th Anniversary  
of invention of iridescent electric lamp

Flat Plate Press  
Perf 11

Rotary Press  
Perf 11 x 10½

Rotary Press Coil  
Perf 10 Vertically



2c Carmine Rose  
Scott 654



2c Carmine  
Scott 655



2c Carmine  
Scott 656

## POSTAGE

# 1929 Kans. Overprints

Perforated 11 x 10½, Rotary Press, Unwatermarked

The Kansas-Nebraska Overprints were an attempt to thwart thieves who stole stamps in one state and sold them in other parts of the country.

The Post Office tried overprinting the letters Kans. on stamps for sale in Kansas and Nebr. on stamps to be

sold in Nebraska. They used the rotary press stamps currently in use (Scott 632-642).

Unfortunately, many postal workers were not aware of these overprints and would not accept them as valid postage, so the experiment was discontinued.



1c Green  
Scott 658



1½c Brown  
Scott 659



2c Carmine  
Scott 660



3c Violet  
Scott 661



4c Yellow Brown  
Scott 662



5c Deep Blue  
Scott 663



6c Red Orange  
Scott 664



7c Black  
Scott 665



8c Olive Green  
Scott 666



9c Light Rose  
Scott 667



10c Orange Yellow  
Scott 668

# POSTAGE

## 1929 NEBR. OVERPRINTS

Perforated 11 x 10½, Rotary Press, Unwatermarked

The Kansas-Nebraska Overprints were an attempt to thwart thieves who stole stamps in one state and sold them in other parts of the country.

The Post Office tried overprinting the letters Kans. on stamps for sale in Kansas and Nebr. on stamps to be

sold in Nebraska. They used the rotary press stamps currently in use (Scott 632-642).

Unfortunately, many postal workers were not aware of these overprints and would not accept them as valid postage, so the experiment was discontinued.



1c Green  
Scott 669



1½c Brown  
Scott 670



2c Carmine  
Scott 671



3c Violet  
Scott 672



4c Yellow Brown  
Scott 673



5c Deep Blue  
Scott 674



6c Red Orange  
Scott 675



7c Black  
Scott 676



8c Olive Green  
Scott 677



9c Light Rose  
Scott 678



10c Orange Yellow  
Scott 679