REPAIRS OF THE 1841 ONE PENNY PLATES 1-40

Revised

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THE REPAIRED IMPRESSIONS

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THE 1840 RAY FLAWS

In their classic study of the "Penny Black" Charles Nissen and Bertram McGowan pointed out that in nearly all the impressions from plate 1, and a majority of those from plate 2, the "10 o'clock" ray of the left corner star was missing or much shortened. Some years later Dr. Harry Osborne elaborated on this subject and showed that no less than three combinations of ray flaws occurred on these plates. The basic flaws may be summarized as follows:

- 1. The 10 o'clock flaw characteristic of plate 1 and many impressions from plate 2.
- 2. The 5 o'clock flaw, which is associated with exaggeration of the 7 o'clock ray of the same star, and is confined to the first state of plate 1 ("la").
- 3. The 7 o'clock flaw, characteristic of the second state of plate 1 ("1b") and a majority of impressions of plate 2.

From the incidence of these, and that of upper and lower transfer shift, he drew most interesting conclusions about the order of laying down of the two plates.

PLATE 1

FIRST STATE

Black only

At Press 11th April, 1840 First Reg. 15th April, 1840 Second Reg. 27th April. 1840

- (a) 5 o'clock ray flaw (except CL).
- (b) 10 o'clock ray flaw (except in CL, RL, SK-L and TK-L).
- (c) Die dot, present in some half of the impressions.

In this state, not having been hardened, the plate wore rapidly, giving rise to increasingly greyish worn impressions. It was possibly hardened on 25th April, 1840 and there is some evidence from the imprimatur sheets that some of the corner-squares may have been strengthened before this was done. This has not as yet been confirmed.

FIRST REPAIR

Black, and Red if not included in the second repair.

- (a) 7 o'clock ray flaw (except LG (5 o'clock flaw due to short entry), CL and Fl). Some letterings show an intermediate form, i.e. both 5 and 7 o'clock rays present in some degree.
- (b) 10 o'clock ray flaw as in the first state.
- (c) Rub and absent die dot is frequent due to heavy burnishing.
- (d) Recut borders in many, to correct rub (III 8).
- (e) Weakening of Check Letters in the majority.

SECOND REPAIR

Red only: carried out after printing in black had ended but before that in red had begun.

- (a) 7 and 10 o'clock ray flaws unchanged, the relief used having blank upper corner squares.
- (b) Weakening of stars for the same reason.
- (c) Restoration of Rub and Die Dot in over half.
- (d) Further Weakening of Check Letters.

THIRD REPAIR

Red only (Pl. 2)

Earliest date 5th March, 1841

- (a) Unaltered Stars and
- (b) Scrape(s) in Upper Corner Square(s) both due to short entry.
- (c) Further Weakening of Check Letters.
- (d) Scrapes in the Margins.

Most of the letterings attributed to this repair fall into one of two groups, distinguished by the proportion of early to late states seen by Dr. Osborne. (At the time of writing his book he was unaware of the existence of a fourth repair.) Apart from one or two which are certain, it seems likely that those in which the earlier state is commoner than the later in fact belong to the fourth repair, and vice-versa. The reporting of dated copies of these states should assist their separation.

FOURTH REPAIR

Red only (Pl. 1) Earliest date 19th June, 1841

- As the third or, if already subject to that repair:

 (a) Lengthening of Scrapes in Upper Corner Squares.
 (b) Further Weakening of Check Letters.

	St.	Rp.	Bk.	Rd.	Plate 1
AA	1 2 3	 1 2	<u> </u>	<u> </u>	Dots outside SW corner and side NW. Int. RF. Vertical Mark in stem of T First A thin. Stars faint.
АВ	1 2 3	 1 2	<u> </u>	<u> </u>	Dot outside NE. B thin. A thin. Stars faint.
AD	1 2 3	 1 2	<u> </u>	<u> </u>	Weak tops NW and NE. Stars and AD thin. Mark in top right SE.
АН	1 2 3	 1 2	<u> </u>	_ _	Dot outside NE. Int. RF. Left side rubbed and has scratches in the margin. H and left star thin. Sides firmer.
AI	1 2 3	 1 2	<u> </u>	_ _	Die dot. Vgl NE. No die dot or Vgl. Upper right side rubbed. Die dot restored. Stars and A faint. Sides firmer.
AJ	1 2 3	 1 2	<u> </u>	_ _	Left side rubbed. Left side recut. A thin. Two short scratches below SW corner. Tops NW and NE weak. AJ thin. Left star faint. Tops NW and NE firmer. Scrape upper left.
AK	1 2 3	 1 2	<u> </u>	_ _	AK thin. Lower side SW missing. AK thinner. Right star thin, left Side SW restored. Scrapes right and outside top NW. Die dot.
AL	1 2 3	 1 2	<u> </u>	_	Dot outside NE corner. Die dot. Int. RF. No die dot. Scratches in SE (faint) to NE in most. AL thin. Stars faint. Scrape outside NW.
ВL	1 2 3	 1 2	<u> </u>	_	Hgl NW. BL thin. Scratch above NE in most. BL thinner. Stars faint. Scrape NW.
CF	1 2 3	 1 2	<u> </u>	_	Left side and lower side NW rubbed. Weak lower background (short entry). Left side firmer. Base thin and "NE" nearly joined. CF and stars thin. Background, base and "NE" restored. Scrape left.
CG	1 2 3	 1 2	<u> </u>	_	Die dot. No die dot. CG thin. Upper sides and NE weak. Die dot restored. CG thinner. Stars thin. Sides restored (but not NE). Scrape right.
CL	1 2 3	 1 2	<u> </u>	_ _	No ray flaws. Faint die dot. Dot out side SE corner. No die dot. Re-entry; marks top and bottom. C thin. SE dot smaller. Top NE weak. Die dot restored. C thinner. L and stars thin. Top NE restored. Scrape left.
IB	1 2 3	 1 2	<u> </u>	_	Re-entry; marks top and bottom. B thin. Local rub at upper right side. B thinner. I and stars thin. Upper right side restored.

	St.	Rp.	Bk.	Rd.	Plate 1
IC	1			_	Die dot.
(IV)	2	1		_	Int. RF. No die dot. Right half of base and base of SE thin; also top NW. C thin.
	3	2	_		Vgl NE and faint Hgl NE and NW. Die dot, base, and top NW restored. C thinner. Stars thin. No Hgl.
ID	1	_		_	Top NW recut. No die dot. Side NE weak.
(IV)		1		_	Top NW normal. Re-entry; marks in top squares and value. "POSTAGE" and ID thinned.
	3	4?	_		Right side weak near top and left above SW. Lower background weak in reds. Die dot, sides and background restored. ID thinner.
JA	1	_		_	Die dot.
	2	1		_	Int. RF. Faint 10 o'clock ray. No die dot. Rub of left side with scratch outside upper part. Hgl low in NE crossed by Vgl.
	3	2	_		No Hgl. A thin; J and left star very faint.
JВ	1	_		_	Die dot.
(IV)	2	1 2	<u> </u>	<u> </u>	No die dot. Side NE weak. Hgls NE, SW (Vgl also) and SE. Side NE restored. Lines in SW and SE very faint. Stars and JB thin.
		4		_	
JC	l la	— A		_	Side NE weak. Side NE recut.
	2	l	_		Re-entry; marks in NW. JC recut. Lower side NE missing. Weak SW and SE;
	3	4?	_		also right side near top. Worn lower background in reds. Top right side and background restored. C thin.
	3	4:		_	
JD	1 2	_ 1		<u> </u>	No die dot. Die dot. Vgl in centre of NE star. Hgl SW crossed by short Vgl.
	3	4?	_	ā	Scrapes NE. JD thin.
JΕ	1			_	Faint die dot.
•	2	1		_	Int. RF. No die dot. Faint Vgl, Hgl and marks NE. Hgls in NW, SW and SE (faint).E thin.
	3	4?	_		Weakness in upper right side. Die dot and top right side restored. Scrapes in NW and NE. E and lines in NE and SE faint.
JF	1 2	_ 1		_	No die dot. Hgl SE (weak) and SW (Vgl also). Marks in SW. F thin. Lower background weak in reds.
	3	4?	_		Die dot. Scrapes in NE. F and lines in SE faint. Background restored.
JG	1	_		_	
	2	1			In NW, outer top and NW division of cross is broken. Hgls NE, SW (Vgl also) and SE. Left side weak. G thin. Worn lower background in reds. (III-5)
	3	4?	_		Scrape in NE. No guidelines. Left side firmer. G faint. Background restored. Scrape right. (III-6)
JI	1	_		_	Die dot.
	2	1			Int. RF. No die dot. Re-entry; marks in top and bottom. Hgls NE and SE.
	3	4?	_		Break in upper right side. JI thin. Worn lower background in reds. Background and upper right side restored. Scrapes in NE
KC	1	_		_	
	2	1			Int. RF. Tops NW and NE weak. Hgl SW (Vgl also) and SE side. Upper right rubbed. C thin.
	3	3?	_		Hgl faint in SE. Right side firmer. K thin. Scrape lower right. Scratches through SW and value, and in left margin.
LA	1	_		_	Slight basal shift. SW extends slightly down. Die dot.
	2	1		_	Int. RF. Rub under "PE". No die dot. L thin. NW corner weak.
	3	2	_		Left side rubbed with light recut, and scratches in margin. Base, left side and die dot restored. L faint.
LB	1	_			SW recut? (side slightly bowed to left).
пп	2	1	Ō	_	Int. RF. SW normal. Both sides recut, but side NE missing below. Slight rub under "E P".
	3	2	_		Base and side NE restored. LB and stars thin.

	St.	Rp.	Bk.	Rd.	Plate 1
LC	1	_		_	SW recut.
10	2	1	ō	_	SW unchanged but for gap at corner. Left side and side NW rubbed.
					Lower background worn (short entry).
	3	2	_		SW, left side and side NW normal. LC and stars thin.
MD	1	_		_	Faint Vgl NE extends up.
	2	1		_	No Vgl. Both sides rubbed; right recut. Side NW doubled.
	3	2	_		Sides normal. D and stars thin.
ND	1	_		_	N short at bottom right.
.,_	2	1	ō	_	N and upper half left side recut. Side NE very weak in lower half.
	3	2			Left side and side NE restored. D and right star thin. Side SE retouched.
OA	,			_	Fresh entry; marks in NE and SW. Die dot. Vgl NE; Hgl below "ONE". Left side very weak.
011	•		_		Extensions at SE corner. Lower half of side NW retouched.
	2	1			Int. RF. Marks weaker. No die dot. Vgl faint and Hgl erased, with rub under "ONE PEN".
					Left side rubbed and lightly recut. No extensions. O thin.
	3	3?	_		Reds have worn right side and lower background. Marks very faint. Base, sides and background restored. A thin.
	Ū	0.		_	warks very laint. Dase, sides and Dackground restored. It time.
PA	1	_		_	SW extends down. Rub of inner end of top NW and over "P0". Die dot.
	2	1		_	PA re—engraved; old letters show. Top restored. Lower background, SW and SE weak
	3	2	_		(short entry). Top of right side and lower side NE rubbed. No die dot. Right side and all squares stronger. PA and left star thin. No die dot.
			_		
PL	1 2	_ 1		_	Hgl SW, value and SE. Dot outside SE corner. Some basal shift. Side SW recut.
	4	1	_	_	Rub under "E PE". PL and dot thin. Base SW weak and side weaker (but still slopes). Right side recut but weak below.
	3	2	_		PL thinner. Right star faint. Right side and upper side SW restored. Base unchanged (short entry).
00			_		Pin dat
QC	2	1		<u> </u>	Die dot. No die dot. Side NE weak. Break in upper right side. QC thin.
	3	4?	_	ō	Side NE and upper right side restored. Linear scrape both sides.
			_		
QD		_		_	Die dot.
	2 3	1 4?	_		No die dot. Basal rub including SW and SE. Break in upper right side. QD thin. Die dot, base and upper right side restored. Scrapes in NE and each margin. Q thinner; D faint.
	•			_	Die dot, base and apper right side restored. Berapes in 112 and edon margin. Q tallinor, B failt.
QL		_		_	Dot below SE corner.
	2 3	1 2	<u> </u>	_	Dot very faint. Re-entry; marks in NE. Value and Q thin. Q thinner. L and left star thin; right star faint.
	4	3	_	Ö	Scrape in NW. Scratches in left margin.
	5	4	_	ā	Scrape slightly stronger. Q slightly thinner. Right star very faint. Base SE weak at right.
					Strong scrapes in NE
RA	1	_		_	Lower side NE weak. Die dot. Side SW thickly recut and extends down.
	2	1	ā	_	Upper right side rubbed and lower side NE missing. Slight rub under "PEN". No die dot. R thin.
	3	2	_		Right side, side NE and die dot restored. A thin. Tail of R faint.
RB	1	_		_	Die dot.
	2	1	ō	_	No die dot. Right side and side NE heavily rubbed; base under "PEN" and side SE less so.
					Base SE recut. R thin.
	3	2	_		Die dot (faintly), right side and base restored. B and stars thin.
RG	1	_		_	
	2	1			Vgl extends down from SW. Base SW thin; RG slightly so.
	3	4?	_		Vgl faint. Base SW restored. Scratches in NE. Top NE and G thin; R thin, and faint at bottom left.
					Scrape left.
RK	1	_		_	Die dot. Basal shift.
	2	1			No die dot. Projections only at base. Dot in right of "O"NE. Mark in lower left of SE.
	2	2		_	Line close beneath, and mark in left foot of, "Y". Upper right side weak and RK thin.
	3	3	_		Re-entry; marks in top SW (Hgl) and left of "O"NE. Upper left network distorted. Right side restored. Scrape in NE. Lower left side rubbed with scratches outside. (Pl. 2)

	St.	Rp.	Bk.	Rd.	Plate 1
RL	1 2	_ 1		_	10 o'clock ray present. Die dot. Basal shift. Small dot touching SE corner. Int. RF (5 and 7 o'clock only). No die dot. Projections only at base.
	3 4 5	2 3 4	- -		Base SW (Vgl) and right side near top rubbed. RL thin. Right side restored. Left star thin; right one and L faint. Scrapes in NW (thin and short) and NE. Short break near top of right side. R slightly faint. (Pl. 2) Scrapes in NW fainter, longer and more diffuse. Lower scrape in NE fainter and thicker; the one above the SW division of the cross is longer (to or above 9 o'clock ray). Upper right side restored. Left side of basal serif of R thinner; right serif of L also.
SA	1 2 3	 1 2	<u> </u>	_ _	Die dot. Int. RF. No die dot. Top NE weak. Base SE double. Die dot faintly restored. SA and right star thin; left star very faint. Scrape right.
SB	1 2 3	 1 2	<u> </u>	_ _	Die dot. No die dot. Rub under "E PEN". Base restored. B and left star faint.
SA	1 2 3	 1 2	<u> </u>	_	Die dot. Int. RF. No die dot. Top NE weak. Base SE double. Die dot faintly restored. SA and right star thin; left star very faint. Scrape right.
SB	1 2 3	 1 2	<u> </u>	_ _	Die dot. No die dot. Rub under "E PEN". Base restored. B and left star faint.
sc	1 2	<u> </u>		_	Basal shift. Int. RF. Projections only at left end of base (remainder normal). Scratch through "P0". Lower left side slightly rubbed. C slightly thin.
	3	2	_		Left side restored. C broken in centre.
SD	1 2 3	 1 2	<u> </u>	_	Rub under "E PEN". Short break in upper right side. Base and right side restored. Stars and S thin; D faint.
SE	1 2 3	 1 2	<u> </u>	_ _	Slight basal shift. Die dot. Base thick at left end only. Rub under "PE", left side and near top of right. No die dot. E thin. Sides restored. Stars thin; E faint.
SG	1 2 3	 1 4?	<u> </u>	_ _	No die dot. NW weak, with Vgl extending up. S thin. Die dot. Side NW recut with smudging. G thin. (Pl. 1)
SL	1 2	_ l		_	10 o'clock ray present. Die dot. Basal shift. Int. RF (with 10 o'clock ray). Projections only at base, but worn or under inked copies show two thin lines under "NE P". Lower side SW missing. S thin.
	3	2	_		Stars faint. L thin. Base has no projections, but is doubled still under "NE P". (Plates 1 and 2).
TA	1 2	1		_	SE extends right and is bowed downwards. Dot below SW corner. Vgl NE. Die dot. SW dot faint. No Vgl or die dot. Slight basal shift with projections at left end. TA thin. Tiny gap at NE corner.
	3	2	_		Die dot restored. T thinner; A faint. Stars very thin.
ТВ	1 2 3 4	1 2 4?	<u> </u>	_ _ _	Slight basal shift. Base SE and side NW weak. T thin. Loops of B retouched, but stem thin. Side NW stronger. Stars thin. Scrape in NE. TB thinner.
TC	1 2 3	 1 2	<u> </u>	_	TC slightly thin. Lower right side rubbed and recut. Re-entry; marks top and bottom. C faint in centre. Right star thin; left very faint.

	St.	Rp.	Bk.	Rd.	Plate 1
TD	1 2 3	 1 2	<u> </u>	<u> </u>	Die dot. No die dot. TD thin. Side NE and top of right side broken. Side NE and right side restored. D thinner. Stars thin.
TE	1 2 3	 1 2	<u> </u>	_ _	Die dot. No die dot. TE slightly thin. Top NW and upper right side weak. Die dot and right side restored. E faint. Stars thin.
TF	1 2 3	 1 2	<u> </u>	_ _	TF thin. Faint line in upper left margin. Both sides weak above. F thinner. Stars thin. Sides restored.
TG	1 2 3 4	1 2 4?	<u> </u>	_ _ _	SE extends right. Die dot. Int. RF. No die dot. Top NW and left side very weak. TG slightly thin. Die dot and left side restored. L and R Stars slightly thin. No die dot. Scrape in NE. TG thinner. (Pl. 1)
тн	1 2 3 4	1 2 4?	<u> </u>	_ _ _	Dot below SE corner. Faint die dot. No die dot. Side NW and right side weak. T thin. Die dot (faintly), NW and right side restored. Stars thin. Scrape in NE. Short line in lower left NW. T thinner; H thin. (Pl. 1)
TI (IV)	1 2 3	 1 2	<u> </u>	_ _ _	No die dot. Small dot below SE corner. Top NW weak. Die dot. Top NW restored. Left star and TI thin. (Pl. 1)
TJ	1 2 3 4	1 2 4?	<u> </u>		Die dot. Int. RF. No die dot. SE weak. TJ thin. Die dot restored and side SE stronger. Stars thin. No die dot. Scrapes in NW and NE. Side NW recut with smudging. J thinner. Scratches in left margin. (Pl. 1)
TK	2 3 4	1 2 3	<u> </u>		10 o'clock ray present. Die dot. T double at top left. Base SE extends slightly right. No die dot. TK (slightly) and SE extension thinned. Left (very) and right stars thin. TK faint. Faint scrapes in NW and NE (rather stronger). No extension. TK very faint. Faint linear scrape lower left, diffuse upper left. Mark under NE division of NW Cross.
	5	4	_		Lower NE scrape much larger and double; upper one eliminated. Short diffuse scrape lower left. (Pl. 1)
TL	1 2	1	0	_	10 o'clock ray present. Basal shift. Die dot. Int. RF (with 10 o'clock ray). Projections only from left of base. No die dot. TL thin. Right end of top NE missing.
	3	2	_		L and stars faint. Top NE doubled. (Pl. 1)

FIRST STATE

Black, and Red - if not subject to first repair.

22nd April, 1840 22nd April, 1840 First reg. At Press

- (a) 7 o'clock Ray Flaw (except FF-JL). 7 o'clock ray of NW star missing: 5 o'clock one strong.
- (b) 10 o'clock Ray Flaw (except CI-JL). 10 o'clock ray of NW star short.

FIRST REPAIR

Black and Red

27th April, 1840 Second reg. Earliest date 20th June, 1840

- (a) NW Stars unchanged.
- (b) Marginal Scrapes.
- (c) Die Dot often restored.(d) Small Gap at SW Corner in TG-TK.

The retrospective dating on the reverse of the imprimatur sheets is the wrong way round, i.e. that dated 27.4.40 is actually the first and vice versa. See also RD in the Appendix.

SECOND REPAIR

Red only

Earliest date 20th October, 1841

- (a) Restoration of 7 o'clock Ray Flaw, and sometimes of the 10 o'clock one also.
- (b) Restoration of SW Corner in TG-TK.

	St.	Rp.	Bk.	Rd	Plate 2
TG (V)		 1 2	<u> </u>	_ _	Base SE weak. Corner of SW broken. No die dot. Broken scrape outside NE. SE and SW corner restored. Faint die dot. Side NE strongly recut. Linear scrape right. Both NW rays restored. Die dot and side NE normal. T thin.
TH		 1 2		_ 0	Dot below SE corner. No die dot. Top NE, left side and base SW (gap at corner) weak. Die dot, top NE and left side restored. Scrape at left. 7 o'clock ray die dot, and SW corner restored.
TI	1 2		<u> </u>		Hgl above NE. SE corner weak. Left serifs of I defective. Both NW rays and SW corner restored. I retouched.
TJ (V)	1 2		<u> </u>		Vgl extends up from NE, crossing Hgl above. SW corner weak. Both NW rays and SW corner restored.
TK	1 2		<u> </u>		Dot outside SE corner. Hgl NW. SW corner weak. 7 o'clock ray and SW corner restored.
TL	1 2	<u> </u>	<u> </u>		Guide—lines cross outside NE. T double at left. Vgl in right margin. Left Network weak. 7 o'clock ray restored. Left Network stronger: broken scrape at left.

THE RIGHT CROSS FLAW

This flaw consists of a weakness of the SE division of the right Cross Pateé and is prominent in plates 8 to 10 inclusive. However, its earliest beginnings can be traced to some of the repaired impressions of plate 5. It becomes manifest as a disproportionate weakening of the division after repair with a relief having blank upper corner-squares (such as was used for the one penny "V.R." plate A), and may be accompanied by thinning of the stars.

In the later plates it may be seen first as a thin white streak within the division, which gradually expands with successive repairs almost to eliminate it.

A curious corollary is that the reliefs used in the last repairs of plates 5, 8 and 9 seem to have had this division rather stronger than normal, thus emphasizing the difference. One may suppose that, when it at last attracted attention, vigorous efforts were needed to remove the offending particle of metal from the die, resulting in some enlargement of the division itself.

PLATE 5

FIRST STATE

Black, and Red - if not subject to repairs 1 or 2.

First reg. 1st June, 1840 At press 8th June, 1840 Second reg. 11th June, 1840

- (a) Weakness of Sides due to rub, especially on the left and of the lower side NE.
- (b) Double Bulge under "O" of the value in many impressions.

FIRST REPAIR

Black, and Red - if not subject to repair 2. Earliest date 22nd November, 1840

- (a) Restoration of Side(s).
- (b) Weakening of Stars, though to no great degree.
- (c) Weakening of Check Letters.

SECOND REPAIR

Black and Red (Pl. 2)

Earliest date 21st January, 1841

As first repair or, if subject to that: Increased Weakening of Stars and/or Check Letters.

THIRD REPAIR

Earliest date 6th March, 1841

Probably a "split" one (see pg.16). No black prints have been found for some letterings.

- (a) In Black and Red (pre-provisional repair).
- (b) In Red only (post-provisional repair).

As second repair.

FOURTH REPAIR

Red only

Earliest date 4th September, 1841

- (a) Strengthening of the SE Division of the right Cross Pateé, and of the stars, if thinned by wear or repair.
- (b) (Further) Weakening of the Check Letters.
- (c) Scrapes in the Margins in the majority.

	St.	Rp.	Bk.	Red	Plate 5
AA	1	_		_	SE extends right.
	2	1	ā		52 01101145 11g111
AВ	1	—		_	Right side weak. SE extends down.
	2	1			Right side restored with scrape. Slight RCF. Stars (slightly) and B thin. Scratch in left margin.
	3	4	_		Right cross restored. B slightly thinner. Thin scrape upper left, far out.
AC	1				SE extends down and SW left.
	2	3a	ā	ō	Left star and C thin; A faint. Scrape left.
AD	1	_			SW extends left. Dot in SE corner. Long left serif to A. Right side and lower side NE weak.
	2	4	_		Sides firmer and side NE restored. Scrapes both sides.
АН	,				Left side and top NE rather weak; SE extends right. Marked bulges under "O"NE.
7111	2*	?	<u> </u>	ū	Left side stronger. A thinned. Bulges eliminated.
	3	4	_	ū	Left side strong and top NE restored. Rub above "POST" and top of NW.
	•	•			A slightly faint at left; H thinned. Bulges under "O"NE reappear.
			_		
BA	1	—		_	B has long serifs. Left side very weak. SW extends down. Weakness in right side near top.
	•	0		\Box	Side NE very weak and missing below. No die dot.
	2 3	2 4	<u> </u>		Both sides restored. Die dot. Stars (slightly) and BA thin. Stars restored. Stem and bottom of B faint.
	3	4		_	biais residred. Stelli and bottom of b famit.
ВВ	1	_		_	Both sides and lower side NE weak. B slightly double at top.
	2	1		_	Sides and NE firmer. Side NW re-touched. RB thin and lower loop of second one faint.
				_	Stars slightly thin and slight RCF. Scrape left; strong down to bust, weaker below this.
	3	2	_		Centre and bottom of second B very thin. NE weaker. Left star thinner, strong RCF.
					Scrape from NW to root of neck and thinly below.
	4	4	_		Right star restored, no RCF. Side NE firmer. First B has faint lower loop.
					Scrape upper three-quarters left, close to side.
BC	1	_		_	Right side and lower side NE weak.
	2	2			Right side and side NE restored. BC and stars (slightly) thin.
	3	4	_		Stars restored. BC thinner.
BD	1				Dight side week Caretakes in better movein
עם	2	 3b	_	ū	Right side weak. Scratches in bottom margin. Right side restored except for quarter. No scratches. BD and stars thin.
	_	OD		_	right side restored except for quarter. No scratches, bb and stars time.
CC	1	_		_	SE extends slightly right. Break in upper right side. No die dot.
	2	1		_	Right side restored. Mark outside NE and scratches outside NW. CC thin.
	3	2			Die dot. Scrape outside. Scratches outside NE. Stars thin with RCF. CC thinner.
	4	3a	_		Scratches and scrape erased. Right cross restored. CC yet thinner. Scrape right.
CD	,				Scratch under "NY". Weaknesses in both sides.
CD	2	1		_	Sides restored. D thin.
	3	2	ā		Scratches outside NW and stronger ones in right margin. C thin; D faint.
	4	4	_		No scratches. CD thinner. Scrape right.
			_		
DA		_		_	No die dot. Weakness in upper right side. Vertical scratches in NE.
	2	1		_	Die dot. Right side restored; left side rather weak. Right star and A thin. No scratches in NE
	3 4	2 4	<u> </u>		Left side firmer. Stars thin; right sides of DA faint.
	4	4	_	_	No die dot. Stars restored, right. Left of A also faint.
DB	1	_		_	Faint Vgl NE. D double below. No die dot. Sides and lower side NE weak.
	2	1		_	Die dot. Sides and side NE restored. B and right star very thin.
	3	2			Top NE very strong. D thin; B faint at right. Left star thin; right faint.
	4	4	_		Stars restored.
D.~			\Box		Maria Dia dat Caint Cidan and the MINI and da
DC		_		_	Vgl NE. Die dot faint. Sides and top NW weak.
	2	1		_	No Vgl. Right side strongly restored, but lower left still weak. Top NW double and base SW thick. Right star thin.
	3	2			Sides normal. Upper line of top NW shorter at left. D, C (faint in centre) and stars thinner. (Pl. 2)
	4	4	_	Ō	Die dot. Upper line NW and top NE weak. Stars restored. Scrape right.
					· · · · · · · · · · · · · · · · · ·

	St.	Rp.	Bk.	Red	Plate 5
DD	1 2	_ 1	<u> </u>	_	Left side weak. SE extends down. Lower NE tapers downwards. Two Vgls NE. Weakness upper right side. Die dot. Sides restored. No Vgls. Side of NE uniform. DD thinned.
	3 4	2 4	<u> </u>		Stars thinned, left star faint. RCF. Left D faint. Left (slightly) and right stars restored. No RCF. Right D rather faint.
EA	1 2 3 4	1 3? 4	□* □* □	_ * - -	Vgl NE. Dot left of E. Both sides weak. Vgl faint. Right star slightly thin. Scrape right. No Vgl. Side NW recut. E thin, faint below. Stars restored. A thin.
ЕВ	1 2 3 4	1 2 4	000	_* _* _	Lowest right serif of E split. SW recut. No die dot. Sides and top NW weak Die dot faint. Sides and NW restored. B and right star (slightly) thin. Full die dot. Stars and EB thinner. Stars restored.
EC (V)	1 2 3 4	 1 3a 4	0 0 0		No die dot. Scratches in both lower side margins. Sides weak. Lower stem of E thin. Die dot. Sides restored. Bottom stem of E thinner. (Pl. 2) Stars and lower stem of E faint. Marked RCF. Faint scrape right. Stars restored. E thinner. Faint scrape left.
ED	1 2 3 4	1 2 4	000	_	Faint die dot. Top NW and right side weak. No die dot. NW and right restored. ED slightly thin. scratches in right margin. Die dot restored. □ thinner; E faint below. Stars slightly thin. (Pl. 2) Die dot faint. Stars restored. Faint scrape left.
EH (V)	1 2	<u> </u>	<u> </u>		Top NW very weak. Weakness in both sides. Sides restored, especially lower left. H thin.
FA (V)	1 2	1		_	Right side and side NE weak. Right side and NE restored. A thin, and faint at bottom right. Lower back-ground worn and centre of F faint in reds.
	3	3b	_		Left star thinner. FA faint.
FB	1 2	— 3a			No die dot. Sides weak. Scratches in lower right margin. Die dot. Sides restored. No scratches. FR thin. Stars faint.
FC	1 2	— За		<u> </u>	Dot (at left) and Vgl NE. No die dot. Upper parts of both sides weak. SE extends down. Die dot. Sides restored. Side NW recut. C thin; left star faint.
FD	1 2	— 3a			Two Vgls NE. Hgl SE and below Sides restored. F and left star thin.
FE	1 2	<u> </u>	<u> </u>		Vgl NE. Tops NW and NE weak. E faint. Scrape right.
GA	1 2	— 3a			SE extends down. Right side weak. Die dot. right side restored. No die dot. GA and stars faint.
GB	1 2	 3b?	<u> </u>		No die dot. Left side weak. Die dot. Left side restored. Stars thin. B faint at right.
GC	1 2	— 3b?	_		Top NW missing at left. Top NE (very) and sides weak. Sides restored. GC slightly thin.
GE	1 2	 3b	_		Vgls NE. Weakness near top of right side. GE thin. Scrape right. Right side restored.
GH	1 2	<u> </u>	<u> </u>		Break in central left side. Lower background weak in reds. Left side and background restored. GH slightly thin. Scrape left.
на	1	_			Vgl NE. NE tapers right to left. Dots inside SE corner and in upper left margin.
	2	3a			Upper half of left side and upper side SE weak. Left side and SE restored. HA thin. Top of NE thin but even.

	St.	Rp.	Bk.	Red	Plate 5
нв	1	_		۵	H double at top. Dot in centre of "P"O. Faint scratch in right of NE, which has very weak lower side. Faint Hgl below base. No die dot.
	2	3a			NE stronger. No Hgl. Die dot. Right star, H and B (very) thin.
нс	1 2	 3b	<u> </u>		Vgl NE. Very faint Hgl below base. die dot. No Hgl. Die dot. H thin.
HK (VI)		_			Blur outside NW, which has weak top. Hgl through "E PENNY" into SE which extends right. Lower side NE and upper left side weak.
	2*	4		_	No blur. Left side and NE restored. K thin.
IA	1	<u>-</u>	_	<u> </u>	Vgl NE. Dots left of A, left of foot and right of top of A. Top NW and lower right side weak. Rub under "O". Base and lower right side restored. Scrape right. I slightly thin.
IB	1 2	_ 3b	<u> </u>	0	Vgl NE. Top NW, side NE and left side (slightly) weak; also top NE and lower background in reds Left side, top NE and background restored. Left star and B (slightly) thin.
IC	1 2	<u> </u>	<u> </u>	0	Sides and lower side NE weak; also lower background in reds. Right side, NE and background restored. I (slightly) and C thin.
јв	1 2	— 3a		<u> </u>	Left side and side NE weak. SE extends down. Left side stronger and NE restored. No extension. Top NW thin.
KA	1 2	— 3a		0	Hgl value and SE. Right star thin; left and KA faint. Scrapes right side.
LA	1 2	 3b	<u> </u>	0	Dot outside NE corner. No die dot. Die dot. Stars (slightly) and LA thin.
LB	1 2	<u> </u>	<u> </u>		Left side very weak in reds. Top, including NW, weak. Left side restored. Top less weak. B slightly thin.
MA	1 2	<u> </u> За			Short line under "Y". Top NW and lower side NE very weak. Die dot. Side NE restored. No die dot. Stars and MA thin.
МВ	1 2	<u> </u>	<u> </u>	0	Left side and tops NW and NE weak. No die dot. Left side restored with thin scrape. Die dot. MB thin.
NA (VI)		 2 3a	0	_ _ _	N diagonal long (recut). Side NE weak; base SW and both sides slightly so. Right side and NE restored. N thin. Linear scrape left. Left side restored. N faint.
NB	1 2	<u> </u>	<u> </u>	0	Top right of B defective. Left side and lower side NE weak. Left side and NE restored. N thin.
NC	1 2	<u> </u>	<u> </u>		Sides and lower side NE weak. Side NE and right side restored. Scrape right. Left side rubbed.
OA	1 2	<u> </u>		_	Vgl NE. SE extends down
ОВ	1 2	<u> </u>	<u> </u>	_	Right side NE weak. SE extends right. B thinned and faint
ос	1 2	 4	<u> </u>		Scratch outside NW. Left side slightly weak below. Left side stronger with scrape.
OL	1 2*	— 3b	<u> </u>	0	Right and lower left sides weak. Scratches in left margin. Sides restored. Left star and OL thin.

	St.	Rp.	Bk.	Red	Plate 5
PB	1 2 3	 1 3	0	_	Hgl SE. No die dot. Left, upper right and lower side NE weak. Die dot. Sides and NE restored. Stars (slightly) and PB thin. Duplication at bottom and left network distorted. Stars thinner. B faint and relatively further left (twisted entry).
QA	1 2	— 3a			Mark above "T". Sides and NE slightly weak. Left side restored. Stars and QA thin.
QB	1 2	— За	0		No die dot. Upper left side rubbed. Left side restored. Die dot. Right star thin. B faint.
QC	1	_			Hgl value and SE. Scratches in NW and left margin. Right side rubbed with diffuse scrape.
(VI)	2	3a			No die dot. Hgl faint. Marginal scratches replaced by broken line. Right side restored with strong linear scrape. Die dot. QC thin.
RA	1 2	— За	<u> </u>		Hgl value and SE. Right side weak. Hgl faint. Right side restored. Stars thin. RA faint.
RB	1 2	 3b	<u> </u>		No die dot. Left side ragged. Die dot. Left side restored. Stars and R slightly thin; B slightly faint.
RC	1 2	— За	<u> </u>		Mark in lower part of NW. Traces of Hgl in value. Scratch inside side SW. Rub of lower right side. No mark in NW, scratch or Hgl. Lower right side firmer. Stars and RC slightly thin.
RD	1 2	3			Right side weak. Weak top NW and inner end NE. Right side stronger but still with weaknesses in upper part. Die dot. Bottom of D Faint. Slight RCF. Lower background worn in later copies.
	3	4	_		All weaknesses eliminated. No RCF. Scrape lower half right.
RG	1 2	 4	<u> </u>		Dot outside SW corner. Left side slightly weak. No die dot. Left side restored with thin scrape. Die dot.
RH	1 2	 4	<u> </u>		Vgl NE. Faint die dot. Upper left side weak; broken line outside lower half. Upper left side stronger; scrape lower half. R thinned.
SA	1 2	— За	0		NE weak. Stars (slightly) and S thin. A weak
SB	1 2	— 3a			Sides and lower side NE (very) weak. Sides and lower side NE (thinly) restored. Scrape outside SE. Stars and S thin; B faint.
sc	1	_			Vgls NE and NW. Scratches in top margin. Right side weak near top and bottom. Inner end of top NE very weak.
	2	3a			Right side and NE restored. Stars and SC thin.
SD	1 2	— За			Faint scratches in NE and left margin. No die dot. Upper side right rubbed. Right side restored. Die dot. Stars and SD thin.
SG	1 2*	<u>-</u> 4?	<u> </u>		Left and upper right sides rather weak. Faint scratches in both margins. Left side restored with thin scrape lower third.
SH	1 2	_ 4	<u> </u>		Upper left side very weak. Left side stronger with scrape outside lower part. S slightly thin.

	St.	Rp.	Bk.	Red	Plate 5
TA (VI)	1 2 3	 1 3a		_ 0	Vgl NE. Fine scratch in lower SE. Left and upper right (slightly) weak. Sides restored with scrapes. Stars (slightly) and TA thin. No scratch. No Vgl. Right star thin; left faint. T thinner; A faint. No scrapes.
TB (VI)	1 2 3	 2 3a		_ 0	Both sides ragged. Side NE weak and lower part missing. Scratches and scrape of TA state 2 in margin. Right side less weak. Sides and side NE restored. Left star and T thin. Right star and B faint.
TC	1 2	 3b	<u> </u>		Tops NW and NE and sides weak. No die dot. C thin. Sides restored. Right star thin. C thinner. Die dot.
TD	1 2	— 3a			Left side very weak. Left side restored. Stars and TD thin.
TF	1 2	 4	<u> </u>		Dot outside SE corner. TF thin. Scrape right.
TG	1	_			Dot below SE corner. Base SW upper right side very weak. Lower side NE missing. Scratches in left margin.
	2*	4	_		Base SW and upper right side stronger. TG thin.
TK	1 2	— За		0	Dot outside SE corner. Faint Hgl SE. Left side and lower side NE very weak. Left side and NE restored. Stars and TK (slightly) thin.
TL	1 2	— За		<u> </u>	Faint Hgl SW. Left side slightly weak. Left side restored with scrape; right weaker below. Left star and TL slightly thin.

THE "0" FLAWS

These white flaws are found on plates 7 to 10 inclusive, and develop in three stages:

- **Stage 1.** A small bulge of the outer margin of the O of "ONE", moderately inked copies revealing a thin break in the bottom, giving the letter the appearance of a Q (VII, VIII).
- Stage 2. This consists of a closely adjacent flaw extending upward and to the right as a flame-shaped tail to the "Q" (VII, VIII).
- **Stage 3.** In this last stage the break in the base (the lowest part of Stage 2) extends further to the right under part of the left serif of the N (IX).

When eliminated by Re-Entry these are often replaced by a small dent ("OF dent") in the base, probably indicating a slightly short entry.

PLATE 8

FIRST STATE

Black, and Red (except GE and HE). First reg. 31st July, 1840 At press 31st July, 1840

- (a) "0" Flaw: Stage 2 (AA NL); Stage 1 (PA TL). O row varies.
- (b) Right Cross Flaw (see p.32). Variable.

FIRST REPAIR

Black and Red Earliest date

- (a) Elimination of O Flaw.
- (b) Right Cross Flaw appears or is increased.

SECOND REPAIR

Normally Black and Red

As the first repair.

There exists a remarkable strip AG-AL (VII) in black on cover dated 17^{th} July, 1841, almost certainly from the provisional printing. All units of which appear to be in a hitherto unknown state characterized by elimination of the O flaw, slight weakening of the SE division of the right cross pateé, and elimination of the SE guide dots. As this state has never been reported in red, the only reasonable explanation would appear to be that these (and AD AF?) were again re-entered, presumably in error, immediately or very soon after the provisional printing with a relief having intact crosses pates. For these letterings the repairs are classified as 2a and 2b.

THIRD REPAIR

Red only

Earliest date 26th August, 1841

- (a) Elimination of the O Flaw.
- (b) Elimination of the Right Cross Flaw, often with exaggeration of the SE division of the cross.
- (c) Marginal Scrape in many.

	St.	Rp.	Bk.	Red	Plate 8
AD	1 2	3	<u> </u>		Dot below SE corner. Slight in lower right side. First part of O Flaw remains (short entry). Lower right side restored.
AE	1	_			OF-2 only (base retouched). Vgl Dot touching SE corner.
	2	3	_		Small weaknesses near top of left and bottom of right sides (III 4). No OF. Slight basal shift. Left weaker, right restored. E slightly thin.
AF	1 2	_ 3	<u> </u>	0	Vgl NE. Dot below SE corner, which extends right. OF dent.
AG (VII)	1 2a* 2b	 2a 2b	<u> </u>	_ _* _	Dot below SE corner. Lower right side slightly rubbed. Slight OF dent and RCF. No dot. Side NE rather faint. Base SW rather thick. OF dent. No RCF. Base SW doubled. G slightly thin.
AH (VII)	1 2a* 2b	— 2a 2b	<u> </u>	_ _* _	Dot under SE corner. Scratches in left margin. No OF. Slight RCF. Base thin. No dot or scratches. Base restored and base SW doubled. AH slightly thin. Scrape right.
AI (VII)	1 2a* 2b	 2a 2b	<u> </u>	_ _* _	SE extends down. Left side (slightly) and side NE weak. No OF. Slight RCF. No extension. Base slightly thin at SE and centrally. No RCF. Left side and NE Right side weaker. Base restored and double at left.
AJ (VII)	1 2a* 2b	— 2a 2b	<u> </u>	_ _* _	Faint Vgl NE. Tiny dot below SE corner. Left side weak. Slight OF dent and RCF. No dot. Base slightly thinner. No RCF. Left side restored scrape. Right side weaker. Base doubled at left.
AK (VII)	1 2a* 2b	 2a 2b	<u> </u>	_ _* _	Faint Vgl NE. Dot outside SE corner. No OF. Slight RCF. No dot SE. No RCF. Base SW doubled. AK slightly thin. Scrape left.
AL (VII)	1 2a* 2b	 2a 2b		_ _* _	Faint Vgl NE. Dot on side SE. No OF or dot SE. Slight RCF. No RCF.
BH (VII)		 3	<u> </u>		OF-1 and bottom of 2 remain and are joined.
ві	1 2	 3	<u> </u>	0	Vgl NE. SE extends slightly right. Left side slightly weak. OF dent. Left side rather less weak. Scrape outside NW.
вј	1 2	 3	<u> </u>	0	SW extends left. Left side weak. No OF. Left side restored with scrape.
вк	1 2	3	<u> </u>		Vgl NE. OF dent.
BL	1 2	3	<u> </u>		Faint Vgl NE. Two marks in margin just above SW. OF dent.
СЈ	1 2	3	<u> </u>		SE extends right. OF dent. CJ slightly thin. Scrape left.
CK	1 2	3	<u> </u>		OF dent. Scrape left.
CL	1 2	3	<u> </u>		Vgl NE. Left side ragged. OF dent. Left side partly restored.
DI	1 2	3	<u> </u>	0	Vgl NE. OF dent. Short scrape upper left.
DJ	1 2	_ 3	<u> </u>		Vgl NE. Slight OF dent. Short scrape upper left.

	St.	Rp.	Bk.	Red	Plate 8		
DK	1 2	_			Die dot. Vgl NE. Small projection at NE corner. RCF. No die dot or NE projection. Left side restored with scrapes outside NW and centrally. Stars (slightly) DK thin.		
	3*	3	_		Die dot. Stars restored.		
DL	1 2	3	<u> </u>		esh entry; marks top and bottom. ight OF dent.		
EG	1 2	<u> </u>	<u> </u>		l NE. Side NE very weak. dent. Side NE partly restored. Faint scrape upper left.		
ЕН	1 2	<u> </u>	<u> </u>		OF dent. Scrape upper right.		
ΕI	1 2	3			Vgl NE. OF dent. Scrape upper right.		
EJ	1 2	_ 3	<u> </u>		Vgl NE. Side NE slightly weak. OF dent. Side NE restored. Scrape upper right and smear in NW.		
EK	1 2	3	<u> </u>		Vgl NE. SE extends right. Left side and side NE very weak. No OF. Left side and NE restored. Scrapes both sides.		
EL	1 2	3	<u> </u>		Vgl NE. Hgl and dot inside corner SE. Left side weak. Slight OF dent. Left side restored. Scrape lower left.		
FD	1 2	3	<u> </u>		Vgl NE. Side NE weak in reds. No OF. Side NE restored. FD slightly thin.		
FG	1 2	3	<u> </u>		Hgl SW, value and SE. Side NE weak. OF dent. Side NE restored. G slightly thin. Broken scrape right.		
FH	1 2	3	<u> </u>		Hgl SW. OF-1 remains (short entry).		
Fl	1 2	3	<u> </u>		Vgl NE. SE extends right. OF dent.		
FL	1 2	_ 3	<u> </u>		Small dot inside SE corner. No OF.		
GL	1 2	<u> </u>	<u> </u>		Dot below SE corner. Slight OF dent. GL slightly thin. Scrape lower right.		
HK (VII)		3	<u> </u>		NE extends up. Scratches in right margin. No OF. K thin.		
HL	1 2	3	<u> </u>		Two dots in margin above SW. Dot inside SE corner. OF dent. Scrape upper half right.		
п	1 2	<u> </u>	<u> </u>		Scratch outside NE near top. OF dent.		
IJ	1 2	3	<u> </u>		OF dent. Slight scrape lower left.		
IK	1 2	3	<u> </u>		OF dent.		
IL	1 2	_ 3	<u> </u>		Lower background weak in reds. OF dent. Background restored.		
NE	1 2	 3	<u> </u>		NE and top NW thin. Slight OF dent. E slightly thin. Scrapes both sides.		

	St.	Rp.	Bk.	Red	Plate 8
NF	1 2	3	<u> </u>		Top right division of left Cross Pateé weak. OF dent. Left cross restored. F slightly thin.
NG	1 2	3	<u> </u>		OF dent. Scrape left.
NH	1 2	_ 3	<u> </u>		OF dent.
NI	1 2	3	<u> </u>		Vgl NE. Hgl extends right from SE. OF dent. Scrape outside SW.
NJ	1 2	3	<u> </u>		OF dent. Scrape left.
OD	1 2	3	<u> </u>		OF-1. Vgl NE. Head weak in reds. OF unchanged. Scrapes left and right (faint). Head restored.
QE	1 2	3	<u> </u>		OF-1. Vgl NE. Die dot. OF dent. No Die dot.
OF	1 2	3	<u> </u>		OF-2. Vgl NE. No OF. Base doubled. Scrape lower left.
OG	1 2	3		_	OF-2. No OF.
ОН	1 2	3	<u> </u>		OF-2. No OF.
OI	1 2	3	<u> </u>		No OF. Vgl SE. Head and background weak in reds. Head and background restored. Scrape left.
OL	1 2	3	<u> </u>		No OF. Faint dot below SE corner. Rub over "GE". Die dot. Top restored. No die dot.
PA	1 2	3	<u> </u>		Faint Vgl NE. No OF. Base doubled at left.
PD	1 2	3	<u> </u>		Vgl NE. No OF. D slightly thin. Scrape left.
PE	1 2	3	<u> </u>		Mark in top right corner of SW. No die dot. Slight OF dent. Die dot. Scrapes lower left and upper right.
PF	1 2	3	<u> </u>		No OF. PF slightly thin. Mark in stem of G"E". Scrape left.
PG	1 2 3	 2a 3	<u> </u>	000	Vgl NE. Upper left side rubbed. No OF. RCF. PG slightly thin. side restored. Marks in SW and outside NW. No RCF. Diffuse scrape left.
PH	1 2	3	<u> </u>		Faint Vgl NE. SW extends left. No OF. H slightly thin.
ΡI	1 2	3	<u> </u>		Vgl NE and SE. No OF. Scrape left. RCF remains (short entry).
РJ	1 2	3	<u> </u>		Vgl NE. Dot in SE corner. No OF.
PK	1 2	 3	<u> </u>		No OF. Vgl NE. Dot under SW corner. Short scrapes at upper left.

	St.	Rp.	Bk.	Red	Plate 8
PL	1 2	_ 3	<u> </u>	<u> </u>	No OF. Faint Vgl NE. Dot below corner. Broken scrape left.
QF	1 2	_ 3	<u> </u>	<u> </u>	Side SE very weak. No OF. SE restored. Scrape lower left.
QG	1 2	 3	<u> </u>		Vgl NE. No OF. Mark outside NW. Scrape lower left.
QН	1 2	3	<u> </u>		Vgl NE. No OF. Broken scrape upper left.
QI	1 2	3	<u> </u>		Vgl NE. No OF. I thin. Scrape left.
QJ	1 2	3	<u> </u>		Vgl NE. No OF. J thin. Scrape lower left.
QK	1 2	3	<u> </u>		Vgl NE. No OF. K thin. Scrapes upper and lower left.
QL	1 2	3	<u> </u>		SE extends down. Scratch above "OS". No OF. L slightly thin. Scrapes lower left and upper right.
RD	1 2	 3	<u> </u>		Vgl NE. No OF. D thin. Scrape right.
RE	1 2	 3	<u> </u>		Vgl NE. No OF. E faint. Scrapes left (broken) and right.
RF	1 2 3	 2 3	<u> </u>		Vgl NE. No OF. RCF. No RCF. F thin.
RG	1 2 3	 2 3	<u> </u>	<u> </u>	Vgl NE. Scratch under P"E". Die dot. No OF. RCF. G slightly thin. Scrapes right and left. No RCF. G faint. No die dot or scrapes.
RH	1 2	<u> </u>	<u> </u>	<u> </u>	No OF. H slightly thin.
RI	1 2	 3	<u> </u>		Vgl NE. Die dot. No OF or die dot. Scrape left.
RJ	1 2	 3	<u> </u>		Scratch through R. No OF. Scrape upper right.
RK	1 2	 3	<u> </u>		Vgl NE. No OF. K thin. Scrape lower left.
RL (VII)		 3	<u> </u>	<u> </u>	Fresh entry; marks top and bottom. SE extends right. No OF.
SD (VIII)	1 2	 3	<u> </u>	<u> </u>	Vgl NE. No OF or Vgl.
SE (VIII)	1 2 3	 2 3	<u> </u>		Base extends left. No OF. RCF. Stars and E scrape right. No RCF or scrape right. Right star thinner (short entry). Broken scrape left.
SF	1 2 3	 2 3	<u> </u>	<u> </u>	Mark below O"N". No OF. RCF. F thin. No RCF.

	St.	Rp.	Bk.	Red	Plate 8
SG	1 2 3	 2 3	<u> </u>	0	Blur outside NW. Faint scratches in lower margin. OF dent. RCF. G thin. No RCF, but right star thin (short entry). Faint scrape upper half right.
SH	1 2	3	<u> </u>		Lower left side weak. OF dent. Left side restored.
SI	1 2	_ 3	<u> </u>	0	Left side weak. OF dent. Left side rubbed and recut.
sj	1 2	3	<u> </u>		SE extends right. Die dot. OF dent. No die dot. Scrape lower left.
тв	1 2	3	<u> </u>		No OF. Vgl NE. SE extends right. Head weak in reds. Head restored. Scrape upper left.
TC	1 2	 3	<u> </u>	0	Vgl NE. Dots in SE corner (2) and SW. OF dent.
TD	1 2	3	<u> </u>		Vgl NE. Dots in SE corner and SW. Die dot. No OF or die dot. Scrape lower left.
TF	1	_			Vgl NE. SE extends slightly down. Scratches outside upper right side
	2	2			and weaknesses near upper and lower ends. Right side restored (scratches?). OF dent. RCF. TF slightly thin. Slight basal shift. No Vgl or RCF. Thin scrape lower left and diffuse one right.
TE	1 2 3	 2 3	<u> </u>	0	Vgl NE. Two dots in SE corner. No OF. RCF. E thin. Scrape left. No RCF. T thin.
TG	1 2 3	 2 3	<u> </u>	0	Dot in left margin opposite root of neck. Long right serif to G. Die dot. Right side weak. No OF. RCF. G slightly thin. Right side firmer. No RCF or die dot. T thin and crooked. Broken scrape left.
тн	1 2 3	 2 3	<u> </u>	0	Dot well outside SE corner. Right side weak. No OF. RCF. H thin. Right side restored with scrape. No RCF. Scrape left (but not right).
TI	1	_			NW extends up. Die dot. Blur outside NW and scratches outside left side, right (level with chignon) and under "N"Y. Developed weaknesses of right side and lower background. RCF.
	2	3	_		No OF, RCF or die dot. I thin. Weaknesses eliminated. Scrape lower left.
ТJ	1 2	_ 3	<u> </u>	0	Fresh entry; marks top and bottom. Left side weak. No OF. Left side restored. Mark in NE thin.

FIRST STATE

In Black, and Red - if not subject to repair 1. First Reg. 9^{th} November, 1840

- (a) 0 Flaw: stage 2.
- (b) Right Cross Flaw (variable).

FIRST REPAIR

Black and Red

Earliest date 10th December, 1840

- (a) Elimination of O Flaw.
- (b) Right Cross Flaw appears or is increased.
- (c) Right Star Weakened.

SECOND REPAIR

In Black and Red (pre-provisional repair). In Red only (post-provisional repair). Earliest date $10^{\rm th}$ April, 1841 (GD)

- (a) Elimination of O Flaw.
- (b) Right Cross Flaw appears or is increased.
- (c) Weakening of Stars and Check-letters.

THIRD REPAIR

In Red only

Earliest date 12th August, 1841

- (a) Elimination of 0 and Right Cross Flaws.
- (b) Restoration of Stars if previously weakened.
- (c) (Further) Weakening of Check-letters.

	St.	Rp.	Bk.	Red	Plate 9
AA	1 2	— 2a*		□ *	Vgl NE. Right side extends down. No OF. Vgl faint. Stars and AA (slightly) thin.
АВ	1 2	_ 2a*	0	□ *	Two Vgls in and dot above NE. Hgl in lower margin. Die dot. No OF or die dot. Vgl faint. Stars and AB thin. Scrape outside NW.
AC (VIII)	_	— 2a* 3	<u> </u>	<u>"</u> *	Vgl NE. Dot above NE corner. No die dot. No OF. Vgl faint. Die dot. Right star and AC thin. Right star restored. A thinner.
AD	1 2 3	— 2a* 3	<u> </u>	<u>"</u> *	Vgl NE. No OF or Vgl. Right star very weak. D faint. Right star restored with central dot doubled. D fainter. Scrape upper right.
AE	1 2 3	 1 3	<u> </u>	_ _ _	Vgls NE and SE. E slightly double at top left. No OF. NE Vgl faint. Right star very weak. E slightly thin; doubling faint. Right star restored. E thinner and without doubling.
AF	1 2 3	 2a 3	<u> </u>		Vgl NE. SW extends down and SE to right. No OF. Left side rubbed. Right star very weak. F thin. Left side more rubbed. Right star restored. Scrape upper left.
AG	1 2 3	 1 3	<u> </u>	_ _ _	Vgl NE. No die dot. SE extends right. No OF. Vgl faint. Right star weak. Right star restored. Die dot. Scrape upper left.

	St.	Rp.	Bk.	Red	Plate 9
АН	1 2 3	 1 3	<u> </u>	_ 0	Vgl NE. Dot above NE corner. No OF. Right star very weak. Right star restored. Base SW doubled. Linear scrape upper left.
Al	1 2 3	1	<u> </u>	_ 0	Vgl NE. Dot above NE corner. No OF. Right star very weak. Right star restored. Base SW doubled.
AJ	1 2 3	— 2a* 3	<u> </u>	<u></u> *	Vgl in and dot above NE. No OF. Right star very weak. Right star restored.
AK	1 2	_ 2a*	<u> </u>	□* □	Vgl NE extends up. No OF. Right star very weak.
AL	1 2	— 2a*		□ *	Blur on side NW. No OF or blur. Right star very weak.
ВВ	1 2	_ 2a	<u> </u>		Vgl NE. Hgl SW, value and SE. No OF. Right star weak. BB thin. Diffuse scrape left.
вс	1 2	3	<u> </u>		Vgl NE. No OF. BC slightly thin. Scrape upper left.
BD	1 2	 3	<u> </u>		Vgl NE. No OF. Left side rubbed.
DG	1 2	_ 2b	<u> </u>		Vgl NE. Upper right side slightly weak. OF stage 1 and lowest part of stage 2 (short entry). RCF. Right side restored. Scrape in NE.
EC	1 2 3	 2a 3	<u> </u>	0	SE extends right. Left side very weak. No OF. Left side less weak. Right star faint. Left side and right star restored. Scrape left.
ED	1 2	 2a	<u> </u>		Vgl NE No OF. RCF.
FA	1 2	3	<u> </u>		Basal shift. Side NE weak. No OF. Side NE restored. Base SW doubled.
FB (VIII)	1 2	_ 3	<u> </u>		Vgl NE. Basal shift. Side NE very weak. No OF. Side NE less weak. B thin.
FC (VIII)		_ 2a			Vgl NE. SE extends down. Basal shift. Die dot. Left side slightly weak. No OF. RCF. Left side weaker (rub). No die dot. C faint.
FD	1 2	_ 2a			Irregular basal shift. Right side slightly weak. No OF. RCF. Right side restored. D thin.
FE	1 2	_ 2a			Vgl NE. Irregular basal shift. No OF. RCF. Vgl weak. FE slightly thin.
FF	1 2	 2b	<u> </u>		Vgls NE and SE. Hgl SW. No OF. RCF.
GA	1 2	 2b	<u> </u>	0	Vgls NE and SE. No OF. RCF.
GB	1 2	 2b	<u> </u>		Base SW slightly weak. OF dent. RCF. Base SW restored. B slightly thin.

	St.	Rp.	Bk.	Red	Plate 9
GC	1 2	 2b	<u> </u>		Vgls NE and SE. Base SW slightly weak. OF dent. RCF. Base SW restored.
GD (VIII)		_ 2b	<u> </u>		Vgl NE. No die dot. OF dent. RCF. Die dot. Base SW thick or doubled. D thin. Scrape left.
GE	1 2	 2b	<u> </u>		Vgl NE. Left side weak. No OF. RCF. Left side restored.
					PLATE 10
FIRS	T ST	ATE			
	k and Reg.				Red. .ber, 1840
11150					
					# AA-DJ (except BE-F, BH and BJ-K). Stage 2 DK-TL (except KB). w (variable).
	T REP k and				
					t been seen in both colours, so this repair was almost certainly all pre-provisional, e BG-CG - III 9)
	(b)	Righ	t Cro	ss Fla	D Flaw. w appears or is increased. Check-letters in many.
	St.	Rp.	Bk.	Red	Plate 10
ВА	1 2	1			B defective at lower right. No OF. B thin and faint at right.
ВВ	1 2	_ 1			(Known se-tenant with CB state 2.) No OF. BB thin.
ВС	1 2	_ 1			No OF. C thin.
BD	1 2	<u> </u>			No OF. D thin.
ВG	1	_			OF 1 and 3 only (short fresh entry?). Diffuse scrape on side NW.
	2	1			(Known se-tenant with CG state 2 - III 9.) Slight OF dent. RCF.
ВІ	1 2	_ 1			Slight OF dent. RCF.
BL	1 2	 1		0	No OF. RCF. L slightly thin.

	St.	Rp.	Bk.	Red	Plate 10
CA	1 2	<u> </u>		0	SW and SE extend down. No OF. RCF.
CB (IX)	1 2	<u> </u>			Right side slightly weak. (Known se-tenant with BB state 1.) OF Dent. RCF. Right side restored. B thin.
CC	1 2	_ 1		- *	Blur on side NW. No OF. RCF.
CD	1 2	1			SW extends down. Blur in NW. Both sides weak. No die dot. No OF. RCF. Sides restored. Die dot. D thin. Scrape left.
CE	1 2	<u> </u>			Blurs on side NW and in left margin. No OF. RCF. E faint.
CF	1 2	1			No OF. RCF.
CG	1 2	_ 1		0	Blur in NW. No OF. RCF. (Known se-tenant with BG state. 1 - III 9).
СН	1 2	_ 1		0	Blur NW. Right side weak. No OF. RCF. Right side restored. Left side rubbed.
CI (IX)	1 2	<u> </u>			Blur NW. Right side weak. OF 1 and 3 (short re-entry). RCF. Right side restored.
СЈ	1 2	<u> </u>			Blur in NW. No OF. RCF. Scrape in NE.
CK (IX)	1 2	<u> </u>			SW extends down. No OF. RCF. CK slightly thin.
CL	1 2	<u> </u>			Blur outside NW. OF dent. RCF.
DH	1 2	<u> </u>		0	Vgl NE. Scratch in NW. No die dot. No OF. RCF. Die dot.
DK	1 2	<u> </u>			Blur in NW. No OF. RCF. DK slightly thin.
DL	1 2	<u> </u>		<u> </u>	Vgl NE. Dot in top right of NW. No OF RCF.

THE 1841 NORTHEAST CORNER FLAWS

Plates 11 to 16 form a group in which a progressive flaw develops in the top of the NE square, near its inner end (cf. plate 21). In plate 11 it is very short and confined to the upper eight rows. In 12 it is even shorter in the R and first half of the S rows, but longer above these. It becomes larger and more prominent with each succeeding plate until in much of 15, and virtually all of 16, the top of the square is completely void. In some copies the "missing" part of the line can be seen very faintly.

PLATE 11

FIR	SТ	ST	ATF	

Black and Red.

First Reg. 27th January, 1841 At Press 29th January, 1841

- (a) Right Star Ray Flaw. The 7 o'clock ray is missing (except in GE-F).
- (b) NE Square Flaw A small break near the inner end of the top of NE in AA-HL (except GE-F).
- (c) Weakish Right Side in the majority.
- (d) Coloured Flaw in NE in the S row (12).

FIRST REPAIR

Red only

Earliest date 25th July, 1841

- (a) Restored Right Sides.
- (b) Scrapes in NE Corner-squares.

SECOND REPAIR

Red only

Earliest date 16th October, 1841

- (a) Firmer Right Sides unless subject to the first repair.
- (b) Restoration of the Top of the NE Square in many, with disappearance of scrapes in third states.
- (c) Weakening of Check-letters in some.
- (d) Scrapes in Margins.
- (e) Elimination of scrapes in NE in third states.

St.	Rp.	Bk.	Red	Plate 11
1 2	<u> </u>	<u> </u>		SE recut. Slight scrape left. Top NE restored. E faint. Strong scrape left.
	 1 2	<u>-</u>	0	SE recut. Both sides ragged. Both sides restored. Scrapes right and in NE. Lower side NE very weak. Top NE restored. No scrapes. Upper left side weak. A slightly thin.
	 1 2	<u>-</u>	0	Right side weak. Right side restored. Scrape in NE. Top NE restored; no scrape. A thin. Scrape top margin; fine lines in left one.
	 1 2	<u>-</u>	0	NE very weak. SE strongly recut. Left serif of A extends to left. Lower right side weak. No die dot. Right side restored. Scrape in NE. Faint die dot. NE weak; no scrape. No die dot. H thin. Scrape left.
1 2	2	<u> </u>		SE recut. Vertical mark inside side NW. Scrape left.
1 2	2	<u> </u>		SE extends right. Sides rather weak. Sides firmer. Scrape in each margin.
1 2	_	<u> </u>		Vgl NE. Weak top NW has gap at inner end. Top NE also weak. Scrape upper left. Dot above lower left serif of L. Rub over "O". Right side stronger with scrape. Left side rubbed. Top, and top and side NE very weak. No Vgl.
	1 2 1 2 3 1 2 3 1 2 3 1 2 1 2 1	1 — 2 1 3 2 1 — 2 1 3 2 1 3 2 1 2 1 3 2 1 1 3 2 1 1 3 2 1 1 3 2 1 1 1 1	1	1

	St.	Rp.	Bk.	Red	Plate 11
DC (IX)		_ 2	<u> </u>		Vgl NE. Right side very weak. SW strongly recut. Right side less weak; left weaker. C slightly thin. Linear scrape left; diffuse one right.
EF	1 2	_ 2	<u> </u>	<u> </u>	No die dot. Die dot. Scrapes both sides.
FA	1 2	_ 2	<u> </u>	<u> </u>	SW recut. Right side and A weak. Top NE (faintly) and right side restored. A faint. Scrape left.
FB	1 2	 2	<u> </u>		Both sides weak. Slight scrape right. Sides restored. Scrape lower left; diffuse scrape right.
FF	1 2	_ 2	<u> </u>		Dot below SE. Left side ragged. Left side restored. Left F slightly faint. Scrapes both sides.
GA	1 2	_ 2	<u> </u>		SE recut. Rub at top. NW and right side weak. Top, top NE and right side (partially) restored. Faint scrape right. Top NW very weak.
LE (IX)	1 2*	_ 2	<u> </u>		SE recut. Left side rubbed. Side NE tapers below. E slightly thin.
TA	1 2	_ 2	<u> </u>		Basal shift. Side NW broken near top. SW strongly recut. Gap in side NW very small. Scrape right.
TK (IX)	_		<u> </u>	0	Fresh entry; marks top and bottom. Slight basal shift. Both sides slightly weak. Left side weaker with diffuse scrape lower half; right restored with scrape. Top NW weak and side recut.

FIRST STATE

First Reg. 25th February, 1841

- (a) NE Square Flaw. Break near the left end of its top (except in SI-TL; minute in RA-SH).(b) Weak Right Sides.

FIRST REPAIR

(Pl. 2)

Earliest date

- (a) Right Sides Restored.
- (b) Scrapes in NE Corner-Squares.
- (c) Weakening of Check-letters.

SECOND REPAIR

Earliest date 24th October, 1841

- (a) Restoration of Tops of NE Corner-squares in over half.
- (b) Weakening of Check-letters.
- (c) Scrapes in Margins.
- (d) Elimination of Scrapes in NE in third states.

	St.	Rp.	Rd	Plate 12
AA	1 2	_2		Lower right of the left A slightly weak. Dot below SE. Top NE restored. Lower right of A weaker. Scrape left.
AB	1 2	2		Dot below SE. Top NE restored. B thin at top. Scrape left and right.
AC	1 2 3	 1 2		Base SE slopes down to right, with dot below. Base SE doubled. Scrapes in NE and right margin (diffuse). Top NE restored. No scrapes in NE, but linear one right.
AD	1 2 3	 1 2		Dot below SE. Scrapes in NE. D slightly faint at top. Top NE restored. Top of D fainter. No scrapes NE, but faint broken one left.
AE	1 2 3	 1 2		Dot below SE. Scrapes in NE. E thin. Top NE restored; no scrapes. E rather faint.
AF	1 2 3	 1 2		Dot below SE. Vgl NE. Base SW thickened. Scrapes in NE and left (slight). Top NE restored; no scrapes. F rather faint. Scrape left and right.
AG	1 2 3	 1 2		Basal shift. Dot below SE. Scrapes in NE. A slightly faint. Top NE restored; no scrapes. A fainter. Scrape right.
AH (X)	1 2 3	 1 2		Basal shift. Dot below SE. Scrapes in NE. Top of A thin. Top NE restored; no scrapes. Top of A and H faint. Scrape left.
Al	1 2 3	 1 2		Dot below SE. Scrapes in NE. Top NE restored; no scrapes. I thin; A faint at top. Scrapes both sides.
AJ	1 2 3	_ 1 2		Dot below SE, which extends down. Slight basal shift. Scrapes in NE, right side and upper left which is weak. Top right of A faint. Top NE restored except at inner end; no scrapes. A thin and fainter at top. Diffuse scrape right; none left.

	St.	Rp.	Red	Plate 12
AK	1 2 3	 1 2		Dot below SE. Upper half left side weak. Left side restored. Strong scrapes in left and blur inside right side of NE. Trace of lowest scrape in NE. K faint. Linear scrape left and diffuse one right, far out.
AL	1 2*	 1*		Right side firm. Shift at left of base. Break in upper right side. Faint scrapes in NE. Top right of A and top of L faint.
BA (X)	1 2	<u> </u>	<u> </u>	Scrapes in NE. Side SE retouched. Lower side NE missing. Tops of BA slightly faint. Diffuse scrape right.
вв	1 2 3*	 1 2		Left B faintly double. Scrapes in NE. Top of left B rather faint; no doubling. Right side weakish. Top NE restored; no scrapes. Right side very strong.
ВС	1 2 3	 1 2		Scrapes in NE and upper right margin (Pl. 2). No scrapes. Base SE doubled.
BD	1 2 3	 1 2		SW extends left. Scrapes in NE and outside NW (Pl. 2) Top NE restored; no scrapes. Base SW doubled. Scrape right.
BE	1 2 3	 1 2		Base SW thickened. Small weakness in lower left side (Pl. 2) B rather faint. Scrape left.
BF	1 2 3	 1 2		Scrapes in NE. Base SW doubled. Top of B faint (Pl. 2) Top NE restored; no scrapes. Scrapes left and upper right. Tops of BF rather faint.
ВG	1 2 3*	 1 2		Side NW recut and extends up. Base SW doubled. Rub broadens the top of "POSTAGE". Top NE restored. G slightly thin.
вн	1 2 3	 1 2		Scrapes in NE. Bases SW and SE doubled. No scrapes in NE, but one in right margin.
BI (X)	1 2 3	 1 2		Mark in right of SE. Scrapes in NE. Mark in SE faint. Top NE restored; no scrapes. No mark in SE. I thin; B faint. Scrapes both sides.
вј	1 2 3	 1 2		Slight basal shift. NE extends up. Scrapes in NE. Bottom of B faint. Scrapes both sides; none in NE. Bottom of B fainter.
BK	1 2	1		Scrapes in NE. Sides very strong.
ВL	1 2	_ 2		Thin line across NE flaw. Dot outside SE corner. Scrape left in late copies. No scrape. Bases SW and SE doubled.
CD	1 2	_ 2		Upper left side and top of NE very weak. Left side restored with faint scrape.
CE	1 2	 2		Top NE restored.
CF	1 2	 2		Top NE restored. Scrape right.

	St.	Rp.	Red	Plate 12
CH (X)	1 2		<u> </u>	H double at left. Top NE weakly restored. Doubling of H very faint. Scrape left.
СЈ	1 2	_ 2		C faintly double below. Top NE restored. No doubling of C. Faint scrapes both sides.
CK	1 2	_	<u> </u>	Top NW weak. Slight scrape in each margin.
CL	1 2*	_ 2	<u> </u>	Top NE restored.
KE	1 2*	_ 2		Top NE restored.
KI	1 2 3*	 1 2	0	Right side weak. Scrapes in NE. Right side firmer. Top NE lightly restored; no scrapes. Rub and diffuse scrape left.
кј	1 2*	_	<u> </u>	Top NE restored.
OA	1 2*	_ 2	<u> </u>	Top NE restored.
OE	1 2	_ 2	<u> </u>	Slight basal shift. F thin. Linear scrape left; diffuse one right.
PA	1 2	_ 2	<u> </u>	Right serif of P missing. Top NE restored. P faint. Scrape right.
PH	1 2*	_ 2	<u> </u>	Basal shift. Vgl NE. Faint scrape right. Basal shift irregular at right.
QG	1 2	<u> </u>	<u> </u>	Basal shift. Scrapes in NE and left margin.
RH	1 2	?		Slight weakness of background to left of SE. Vgl NE. Background restored. No Vgl. RH thinned. Thin scrapes both sides.
sj	1 2*		0	Scrape left.
SK	1 2		0	Upper left side weak. Left side restored with scrape.
TH	1 2		<u> </u>	Slight basal shift. Scrape left. Lower sides weak (rub).
TI	1 2		0	Scrape left. T thin. Slight weakness lower left.

FIRST STATE

First Reg. 23rd July, 1841

Top of NE Corner-square Void or only shows a trace of the central part (except EL, PL and RF).

REPAIR

Earliest date

Top of NE Square Restored.

	St.	Rd.	Plate 15
PC	1 2*		Vgl NE. Slight basal shift. Top NE restored (reported).
PE	1 2*	0	Short line in NE below level of missing top. Basal shift; SE doubled. Hgl high in SE. Faint scrape left. Top NE restored (reported).
RB	1		Centre of top NE present and doubled. Hgl SE and in 'NNY"; another high in SE.
	2*		South ray of NE star extends to base of square. Top NE restored (reported).
RF	1		Thin top to NE thickened in the centre. Two small weaknesses in upper third of left side.
(X)	2*		Very faint diffuse scrape at upper right. RF thin.

FIRST STATE

First Reg. 23rd July, 1841

- (a) Top of NE Square Void or very faint (except FF, HF and IH).(b) Weak Left Side in RA-TL.

FIRST REPAIR

In the imprimatur sheet stamps of the A column, I to M rows, show very weak right sides with heavy diffuse scrapes. It is possible that these impressions were subject to a very early repair.

SECOND REPAIR

Earliest	date	25 th	October,	184

- (a) NE Square Restored in the majority.(b) Left Sides Restored in RA-TL.

	(c)	Scrapes in one or both margins.				
	St.	Rp.	Rd.	Plate 16		
AC	1 2	_ 2		SE extends down. SW recut (side thick, smudge). Top NE thinly restored. Scrapes both sides.		
AD	1 2	_ 2		Base SE recut. Top NE restored. D thin.		
AE	1 2			Vgl NE. SE extends right and slightly down. Upper left side very weak; lower side NW missing. Top NE, left side and NW restored. Scrapes both sides.		
ĀГ	1 2	_ 2		Top NE restored. F slightly faint.		
AG (X)	1 2	_ 2		Top NE restored. Side SW thickened Scrapes both sides.		
ΑI	1 2	_ 2		Upper right side slightly weak. Right side restored. Scrapes both sides.		
BD	1 2	_ 2		Top NE thinly restored. D thin. Scrape left.		
BE	1 2*	_ 2		Rub left side. Scrape right.		
IA	1* 2	<u> </u>		A double below. Very weak right side with scrape. Right side restored. Doubling faint. No scrape.		
JA (X)	1* 2	1		Right side very weak with diffuse scrape. Right side restored. No scrape.		
KA	1* 2	1		Right side weak in upper half with scrape, and near bottom. Right side restored; no scrape. Side SE thickened.		
LA	1* 2	<u> </u>		Basal shift. Right side weak with scrape. Right side restored; scrape outside NE only.		
MA	1* 2	1		Basal shift. Right side weak with slight scrape. Right side restored; no scrape. Linear scrape left.		
RG	1 2	_	<u> </u>	Side SW thickly recut; dot under corner. Very irregular basal shift. Lower right side rubbed with slight scrape. Seen with RH state 2. Severe rub of whole right side with scrape.		
	_	_	_			

	St.	Rp.	Rd.	Plate 16
RH	1* 2	<u> </u>		Top thin; top NW tapers to the right. Basal shift. Left network slightly weak. Top and left network restored. Seen with RG state $1\ (III\ 12)$.
RI	1 2			Fresh entry; marks above, in top margin and in "ON". Upper left side slightly weak. Left side restored, but right rubbed at bottom. Scrape left.
RJ	1 2			Basal shift. Upper left side weak. Top NE and left side restored. Scrape left.
RK	1 2			Left side weak. Left side restored with scrape.
SI	1 2*	_		Fresh entry; marks in NW, NE, and SE which extends down and to right. Lower half of side NE very weak. Scrape left.
sj	1 2	_		Basal shift. Top NE restored. Faint broken scrape left.
TC (X)	1 2	_		Upper left side weak. Top NE and left side restored. Scrapes both sides.
TD	1 2	_		Left side slightly weak. Top NE restored. Left side weaker (rub). Scrape right.
TE	1 2	_		Left side weak. Top NE restored. Both sides weaker. E thin, and faint below. Scrape right.
TG	1 2	_		Slight basal shift at left. Upper left side weak. Left side restored with faint broken scrape.
тн	1 2	_		Slight basal shift. Upper left side very weak. Left side restored with faint scrape. H slightly thin.
TI	1 2	_		Upper left side weak. Top NE and left side restored. Scrape lower left.
ТJ	1 2	_ 2		Late prints show wear of upper left side. Basal shift. Left side restored with scrape. T and J (very) thin.
TK	1 2		<u> </u>	Late prints show weak upper left side. Left side restored with scrape.

FIRST STATE

10th September, 1841. 8th September, 1841. First Reg. At Press

Weak Right Sides.

		₹ 7	
СТ	D 7		

(Pl. 3)

Earliest date 21st February, 1842.

- (a) Restoration of Right Sides.
 (b) Scrapes in Margin(s) in most.
 (c) Weakening of Check Letters in many.

	St.	Rd.	Plate 17
ΑВ	1 2		Right side very weak. Right side restored with scrape.
AC	1 2		Right side very weak. Right side restored. Scrape left.
AD	1 2		Right side very weak. Right side restored. Scrape left. D thinned.
AE	1 2		Right side very weak. Right side restored.
AF	1 2		Right side weak. Scrape left. Right side stronger with scrape. F thinned.
AG	1 2		Right side weak. Right side restored with scrape.
АН	1 2		Right side very weak. Right side restored. H thinned.
Al	1 2		Right side very weak. Right side restored. Top of A faint. Scrape left.
AJ	1 2		Right side weak. Right side restored and side SE thickened. Scrape left.
AK	1 2		Right side very weak. Right side restored. Scrape left.
AL	1 2		Base SE recut. Right side very weak. Right side restored. Scrapes both sides.
BA	1 2		Top NW recut. Rub above "OSTAGE". Right side weak. SE extends slightly down. Right side restored with scrape. Top stronger.
ВВ	1 2		Rub above "STAG". Right side weak. Top and right side restored. Scrape right.
ВС	1 2		Tops NW and NE recut. Rub above "GE" and of inner end of top NE. Right side weak with irregular scrape. Blur in NW. Right side restored with continuous scrape. Base SE thickened.
BD	1 2	<u> </u>	Top NW recut. Top thin above "OS". Right side weak. Irregular scrape left. Right side restored with continuous scrape. No scrape left.

	St.	Rd.	Plate 17
BE	1 2		Top NW recut. Both sides weak. Sides restored. Scrape left and right.
BF	1 2		Top NW recut. Right side weak. Thin broken scrape left. Right side restored. Scrapes both sides. Top NE tapers to left.
BG	1 2		Blur in NW. Right side weak. Short irregular scrape lower left. Right side restored. Linear scrape in whole left margin.
вн	1 2		Right and upper left sides weak. Faint diffuse scrape upper left. Sides restored.
ВІ	1 2		Right side weak. Short diffuse scrape at top of lower half left. Right side restored with scrape. (Pl. 3)
вј	1 2		Right side weak. Top right of B faint. Right side restored. Top of B fainter. Scrapes right and upper left. (Pl. 3)
вк	1 2		Top NE thickly recut. Right side weak. Side SW re-cut. Top SW slightly slanted. Right side restored. Scrapes both sides. (Pl. 3)
BL	1 2	<u> </u>	Top NE recut, but weakly and inner end missing. Rub above "AGE". Right side weak. Top right of B faint. (II 9) Right side, top and top NE (partially) restored. Top of B fainter. Left side weaker. (Pl. 3)
CA	1 2	<u> </u>	Right side weak. Top rather thin. Right side and top restored. Scrapes both sides.
CB (XI)			Both sides weak. Base SW thin; also top over "5" and slightly elsewhere. Blur in NW. Right side and top restored. Left side firmer. Scrapes both sides.
CC	1 2	<u> </u>	Base SE recut. Right side and top weak and top of "G" broadened. Top NE recut and inner end missing. Linear scrape at top of lower half, left side. Right side and top (but not NE) restored. Scrapes both sides.
CD	1 2		Top NE recut. Base thin under "E PE". Right side weak. Scrape lower half left. Right side and base restored. Linear scrape in whole left margin.
CE	1 2		Right side weak. Faint broken scrape at top of lower half, left side. Right side restored. Scrapes both sides.
CF	1 2		Top NE recut. Base SW and under ON"E" very thin. Scrape lower half left. Right side restored. Scrape in whole left margin.
CG	1 2		Right side weak. Top weak above C. Right side and top restored. Scrapes both sides.
СН	1 2		Left and lower right sides weak. Diffuse scrape left. Inner end of top NE weak. Right side firmer. Linear scrapes both sides. Inner end of top NE broken.
CI	1 2		Right side weak. Right side restored with scrape.
СЈ	1 2*		Right side weak. Right side weaker with scrape.
CK	1 2		Top NE thickly recut. Right side weak. Right side restored. Scrapes both sides.
CL	1 2*		Top NE thickly recut. Dot in SE. Right side weak. Scrape close to left side.

			PLATE 18
		ATE	0.181.0
	: Reg. ress		21 st September, 1841 16 th September, 1841
	1000		To soptembor, for i
	(a)		uk Right Sides.
	(b)	basa	ll Shifts are frequent in L-T rows.
	AIR		
(Pl. (3) iest d	late	6 th December, 1841
Lan	icsi d		
	(a)		kedly Stronger Right Sides.
	(D)	VVC	kening of Check-letters.
	~ .		T1 / 10
	St.	Rd.	Plate 18
Al	1		Basal shift. Both sides weak.
	2		Both sides firmer. I thin. Scrape left.
ΑJ	1		Right side very weak.
-	2		Right side restored. AJ thin. Scrape left.
AK	1		Basal shift. Bottom of upright of K defective. Right side weak.
	2		Right side restored.
AL	1		Slight projection below "O"NE. Right side and base SW very weak.
	2	ā	Right side restored. AL thin.
DC.	,		The of D and lawrey side CD defective. Doze CD autonda wight Mel CD Dight side ways week
BG	2		Top of B and lower side SE defective. Base SE extends right. Vgl SE. Right side very weak Right side and SE restored. G thin.
	_	_	
BH (XI)			Right side and side SE weak. Base SE extends. Right side and side SE (except at bottom) restored.
(AI)	4	_	right side and side of (except at bottom) restored.
ΒI	1		Hgl SE. Right side and side SE weak.
	2	ш	Right side and SE restored. I thinned.
ВJ	1		Hgl SW. Right side weak.
	2		Right side restored. BJ thinned.
ВK	1		Right side and side SE weak. Dot in top of K.
	2		Right side and SE restored. Top of B faint. Short scrape upper left.
ВL	1		Top loop of B defective. Dot in SE corner. Right side weak.
	2	ā	Right side restored. L thin.
Сī	,		Sides weak.
CI	1 2	<u> </u>	Sides restored with scrapes. Gap at inner end of top NE. I thin.
			The state of the s

CJ 1 2

CK 1

CL 1

DI 1

2

2

Right side weak.

Right side restored.

Vgl NE. Right side weak. Right side restored. CK thin.

Right side restored. CL thin.

Right side restored. I thinned.

Top NE strongly recut. Dot outside SE corner. Right side weak.

Projections from base (rubbed shift). Top left serif of I defective. Right side weak.

	St.	Rd.	Plate 18
DJ	1 2	0	Slight projections from base. Right side weak. Right side restored. D thin.
DK	1 2	0	Rub over "GE". Right side weak. Side SW re-cut. Right side restored. Side SW recut (?). DK thin.
DL	1 2	0	Slight basal shift. Rub over "POSTAGE" and inner end of top NE missing. Right side weak. Right side restored. D slightly faint.
El	1 2	0	Slight basal shift. Rub at top with broadening of "AGE" and inner end of top NE missing. Right side weak. Top and right side restored.
EJ	1 2	0	Basal shift under "0". Both sides very weak. Both sides restored.
EK	1 2	0	Right side weak with scratches in margin. Right side restored. EK thin.
EL	1 2	0	Right side weak. Right side restored.
FI	1 2	0	Basal shift. Sides weak. Vgl NE. Top NE weak. Sides restored with diffuse scrape lower left. I thinned. Inner end of top NE very weak.
FJ	1 2	0	Right side weak. Right side restored. J thinned.
FK	1 2	0	Slight basal shift. Vgl in and scratch under SE. Sides weak. Sides restored. No scratch, with faint linear scrape below. FK thinned.
FL	1 2	0	Right side weak. Right side restored. L thin.
GJ	1 2	0	Slight basal shift. Rub over "POSTAGE" and top NE void. Right side weak. Right side restored.
GK	1 2	0	Slight basal shift at left. Right side weak. Right side restored. K thin.
GL	1 2	0	Die dot. Vgl SE. Mark touching top of G. Right side weak. No die dot. Right side restored. Vgl faint. G and SW thin.
QG		<u> </u>	Irregular basal shift. Rub over "OSTAGE" and inner end of top NE missing. Weak right side and lower left with scrape.
	2	Ш	Right side restored. G very thin. Linear scrape left.
QН	1 2		Irregular basal shift. Both sides weak. Scrape left. Sides restored. QH thin. Scrape right and faint left. (Pl. 3)
QI	1 2		Basal shift. Base SE recut. Sides weak. Sides restored. Base SE doubled. I thin. (Pl. 3)
QJ	1 2	0	Basal shift. Right side weak with faint scrape upper half. Right side restored with faint scrape in upper part J thin. (Pl. 3)
QK	1 2	0	Basal shift. Base SE recut. Right side weak. Right side restored with scrape. K thin. (Pl. 3)
QL (XI)		0	Basal shift. Top NE recut. Right side weak. Right side restored. Top NW and "POSTAGE" doubled. Q thin.

	St.	Rd.	Plate 18
RE	1 2		Irregular basal shift. Rub over "POST" and of inner end of top NW. Right side weak. Right side restored. E faint.
RF	1 2		Irregular basal shift. Vgl NE. Right side weak. Mark in upper left of SW. Right side restored. F thin.
RG	1 2		Irregular basal shift. Right side weak. Mark in loop of "P"E. Vgl NE. Scratches under SW & SE. Right side restored. G thin. No Vgl or SE scratch. Mark outside lower part NW.
RH	1 2		Irregular basal shift. Vgl NE. Right side weak. Right side restored. H thin.
RI	1 2		Irregular basal shift. Right side weak. Right side restored.
RJ	1 2		Irregular basal shift. Thin scrape(?) under SE. Right side weak. Right side restored. J thin with no "J" Flaw.
RK	1 2		Irregular basal shift. Double Vgl NE. Slight rub over "POST". Right side weak. Right side and top restored with doubling of NW. K thin. Scrape right.
RL	1 2		Thick recut of top NE tapers to left. Rub over "OSTA". Right side weak. Right side restored. L faint at top.
SD	1 2		Slight basal shift. Vgl NE. SE extends right. Right side weak. Right side restored.
SE	1 2	<u> </u>	Fresh entry? Line below top NE; base NE and top SE thickened. Blur in SW. Dot in top loop of S. Basal shift (?) very irregular in left two thirds. Die dot. Weaknesses near top and bottom of right side Top SE thin but doubled, as is its base. No die dot. Right side restored. E faint. Scrape left.
SF	1 2	<u> </u>	Irregular basal shift. Right side weak. Right side restored. F slightly faint.
ТВ	1 2		Slight basal shift, thinner centrally. Blur in SW. Vgl NE and SE. Right side and base SE weak. Right side restored with scrape. B faint.
TC	1 2		Slight irregular basal shift. Right side weak. Right side restored. C slightly faint.
TD	1 2		Irregular basal shift. Dot (?) below SW corner. Sides weak. Sides restored. TD thin.
TE	1 2		Irregular basal shift. Weak top NW. Right side weak. Top stroke of E faint. Right side restored. Top stroke of E very faint; bottom thin.
TF	1 2		Some irregular basal shift. Right side weak. Faint Vgl NE and SE. Right side restored. Upper half of F faint.
TG	1 2		Hgl SE. Projections below "0". Right side weak. Scrape above NW corner. No Hgl. Right side restored. G faint.
тн	1 2	<u> </u>	Vgl NE and SE (faint). Faint Hgl SE and SW. Right side weak. Vgl faint, Hgl absent. Right side restored. H faint.
TI	1 2		Occasional projections from base. Right side weak. Right side restored.

THE 1842 NORTHEAST CORNER FLAWS

Plates 21 to 27 are a second series showing progressive flaws in the top of the NE squares. In the upper rows of plate 21 it shows as a very small break at the extreme inner end (cf. plate II). In the succeeding plates two more breaks develop further to the right, and all coalesce in plates 26 and 27 to make the top of the square completely void.

PLATE 21

FIRST STATE

First Reg. 11th December, 1841

- (a) Short Break at Inner End of Top NE in AA-HE.
- (b) Weakness of SE (and often SW) Squares and (to a lesser extent) of the right sides.

REPAIR

(Pl. 3)

Earliest date 21st March, 1842

Strengthening of Lower Corner-squares and right sides.

	St.	Rd.	Plate 21
OA (XI)		<u> </u>	Both sides, SE and SW (very) weak. Sides, SE and SW restored.
PA (XI)	1 2	0	Sides and SE weak. Sides and SE restored.
QA	1 2	0	Sides, SW (two short lines under top) and SE (very) weak. Slight rub over "OST" Sides, top SW (no lines) and SE restored. Faint scrape lower right.
QB	1 2	0	Sides and SE weak. Rub over "POST". Top, sides and SE restored. B thin. Scrape right.
RA	1 2	0	Right and lower left sides, and SW weak. Side and SW restored. Thin scrape lower half right. (Pl. 3)
RB	1 2	0	Sides and SE weak. Sides and side SE restored. Base SE void. Faint scrape upper half right. (Pl. 3)
SA	1 2		Sides and side SE weak. Top thin. Left and lower right sides less weak. Side SE and top restored. Faint short scrapes right. (Pl. 3)
SB	1		Right side weak. SE corner broken.
(XI)	2		Right side and SE restored. Faint scrapes lower half, right and upper half, left. Scrape in NE in early copies. (Pl. 3)
TA	1		Right side and SE weak.
	2		Right side and SF restored TA thin

FIRST STATE

17th March, 1842 First Reg.

- (a) Double Break in Top NE, except AG-Al and CB (no break); CA has small gap at inner end only; EA-EL have top completely void.
- (b) Weak Right Sides.

REPAIR

7th April, 1843 Earliest date

- (a) Restoration of Right Sides.
 (b) (i) Scrapes in NE Corner-square in the majority (short entries), or (ii) Top NE Restored.

	St.	Rd.	Plate 25
AE	1 2		Vgl NE. Right side weak. Top NE restored. No Vgl. Right side stronger. E thin. Scrapes both sides.
AF (XII)	1 2		Rub under "E PENNY". Right side, side NE and base SE weak. NE and base SE (slightly) restored. Right side strong. Scrape outside SE.
АН	1 2*		Left side very weak with scrape (from AG Fresh Entry). Rub under ON"E". Top NE weak. Left side and top NE restored. H slightly thinned.
BA	1 2		Right side weak. Right side stronger. Scrapes right and in NE.
CA	1 2		Small gap only at inner end of top NE. Right side weak. Right side stronger. Scrapes right and in NE.
DA (XII)			Base SE has blur above and gap at inner end. Mark in top left corner of SW. Right side weak. Right side stronger. Base SE partly restored; no blur. Scrapes right and in NE.
RA (XII)	1 2		Right side weak. Right side restored. Scrapes in NE. Slight upper shift.
RB	1 2		Vgl NE. Right side weak. No Vgl. Right side restored. Scrapes in NE.
RC	1 2		Right side weak. Right side restored. Scrapes in NE and faint mark above its SE division.
SA	1 2		Right side and side NE weak. Right side restored (but not NE). Slight upper shift.
SB	1 2		Right side weak. Right side restored. Scrapes in NE. Slight upper shift.
sc	1 2		Right side weak. Right side restored. Scrapes in NE. Slight upper shift.
TA	1 2		Right side very weak. Right side restored. TA thin. Scrapes in NE. Slight upper shift.
ТВ	1 2		Right side, top and SE weak. Right side, top and SE restored. Scrapes in NE. Slight upper shift.
TC	1 2		Right side weak. Right side restored. Scrapes in NE.
TD	1 2		SE and right side (very) weak. SE and right side restored.

1842-43 RAY FLAWS

Impressions from plates 26 to 36 (and 45) have the 10o'clock ray of the NW and the 1 o'clock ray of the NE (except plate 26 RG-TL) stars short or missing.

PLATE 27

FIRST STATE

5th September, 1842 First Reg. 5th September, 1842 At Press

- (a) 1842-43 Ray Flaws.
- (b) Top of NE Corner-square Void.(c) Weak Right Sides and SE Corner-squares.

FIRST REPAIR

Earliest date 17th November, 1842.

(a) Restoration of Top of NE Corner-square, weakly or fully, in the majority.

	(b) (c)	Restoration of Right Sides and SE Corner-squares. Weakening of Check-letters.		
	St.	Rd.	Plate 27	
FC	1 2	0	Vgl SE (weak with broken corner). Vgl extends up from side NE. SE restored; no Vgl.	
GB	1 2	0	Base SE rather weak. Base SE stronger. GB thin.	
GC	1 2		Faint Vgl SE. G (very) and C thin.	
GD	1 2	 Large gap at SE corner, through which Vgl extends down. SE and top NE restored. D thin. 		
GE (XII)			Vgl SE. Sides normal. Top NE restored. Right side stronger. G faint; E thin.	
нв	1 2		SE extends down, and right end of its base is missing. SE restored. HB slightly thin.	
нс	1 2		Dot to left of H. Faint Vgl SE, which has a rather weak side. Lower right side slightly weak. Side SE strong and right side restored. No Vgl. H (slightly) and C thin. Faint diffuse scrape centrally at right. Scratch left upper third.	
HD	1 2		Large gap at SE corner, but extension down remains. SE restored. H and D (very) thin. Right side very strong.	
HE (XII)	1 2		Base SE very weak. SE and SW stronger. H thin. Top of E re-touched. Parts of top NE faintly visible. Scrape left. "ONE" narrowed; twisted re-entry.	
IC	1 2		Vgl SE extends down and crossed by Hgl opposite top of C. Hgl SW. Blur at left of C. Top NE restored. Guide-lines (very), I and C (very) thin.	
ID (XII)	1 2		Large gap at SE corner. SE and top NE restored. D thin.	
IE	1 2	 Large gap at SE corner; Vgl extends down. SE restored; no Vgl. Parts of top NE faintly visible. Faint scrape right. 		

TTD	СT	ST.	π	T	T
\mathbf{r}	эт.	ЭΙ.	м		Е

14th September, 1842 14th September, 1842 First Reg. At Press

- (a) 1842-43 Ray Flaws.(b) Roller Flaw in NW Corner-square in OK-PD (I 3).

REPAIR

Earliest date

- (a) Worn Sides Restored.(b) Weakening of Check-letters.

	St.	Rd.	Plate 28
AA	1 2		Top NE recut, but weak in centre. Mark in upper right limb of O"N"E. Scratch diagonally down to left from base of "P"E to top of BA.
ВА	1 2		Gap at inner end of top NE, which extends up. Top NW thinly recut. Faint smear to left of A. Dot outside SW Scratch (from AA) through "P" and NW to upper left side.
IA	1 2		Tops NW (very weakly) and NE recut. Top serifs of I defective. SE extends right. Two scratches from inside lower right side run down to IB.
ME	1 2		Top NE extends right. Two scratches in left margin below NW (from MD).
sj	1 2		SE extends down. Bad rub of base SW and under "P"E. S thinned.
TD	1 2	<u> </u>	Dot in top right corner of SE, which has a slightly weak base. Bottom serifs of T defective. Weak top NW and above "TAGE" in later copies. Top restored. T & D (very) thin. Small rub near top of right side.
TF	1 2	0	Dot outside SE. Basal shift. Top NW weak in later copies. Top NE re-cut. T and F (very) thin.
TG (XII)			Top NE recut and extends right. Slight rub above "GE". Dot in SE touches side. Base slightly thickened. Top restored. Dot thin. Base thinner. Top of T faint; G very thin. Gap at inner end of top NE.
TH (XII)			Top NE recut. Dot to right of the top of H and smaller ones just inside side SE. Vgl SE. Rub over "GE". T (top faint) and H (bar faint) thin. Top restored. Faint scrape upper left.
TI (XII)	1 2		Top thin with broadening of "GE". Tops NW and NE recut. Basal shift. Base of T and top of I defective. Shift (except under "0") and top (duplication in tops of "P-ST-GE") restored. T (base faint) and I (top faint) thin.
ТJ	1 2		Dot in right of SE opposite top of J. Top of T and base of J faint. Short thin scrape upper left.
TK	1 2		Top NE recut. Mark on upper side SE. Top NE extends right. Top left of T and bottom of K very faint.
TL	1 2		Top NW thin; top NE recut. Dots to right of top of L and below SE corner. Lower left serif of T defective. TL thin and lower right serifs of T very faint. Scratch opposite diadem.

			PLATE 30
		ATE	6th December 1949
At P	Reg. ress	•	6 th December, 1842 6 th December, 1842
	` '	Che	2-43 Ray Flaws. ck-letters Irregular or Deformed in many. ak Left Sides in many.
REP (Plat		late	29 th March, 1843
Dari.	(a)		a Sides, especially right.
	• •	Wea	akening of Check-letters. pes in Margins.
	St.	Red	Plate 30
ВА	1 2	<u> </u>	Vgl NE. SE extends right. Weakness in right side. Blur in "O"NE. A blind. Right side restored with scrape. B thin. A open.
BB (XIII)	1 2	0	Top of second B faint. Scrape left.
ВС	1 2		Top NE (Vgl) and base SE recut. Dot right of C. Right side very strong with scrape outside upper part.
BD	1 2		Weakness in lower right side, and slight one at centre of left. Strong right side with scrape. Left side weaker. BD thin.
CA	1 2		Top NE recut. Very strong right side.
СВ	1 2	0	Vgl SE. Left side very weak. Left side firmer. Right side very strong with scrape. C and B (top loop faint) thin.
CC	1 2	0	Vgl NE and SE. Dot inside C. Weakness in upper right side. Right side restored. Bottom of right C faint.
CD	1 2	0	Blur in lower right of "O"NE. SW extends slightly down. Strong right side. C and D (slightly at right) thin.
DĀ	1 2		Vgl NE. Base SE recut; mark under left end. A recut. Weakness in right side. Right side strongly restored. D thin.
DB	1 2	<u> </u>	Base SE recut. Vgl NE. Right side very strong. Scrapes both sides.
DC	1 2	<u> </u>	Vgl NE. Base SE recut. Tail of C missing and adjacent part recut. Slight weakness in lower right side Right side very strong. Scrape left.
DD (XIII)			Vgl NE. No Vgl. Right side very strong. Right D faint at right.
DE	1 2	0	Vgl NE. Base of SE weak. E has long lower limb. Weakness in upper right side. Rub of upper and lower left side. Base of SE restored.
EA	1		Vgl NE. Both sides weak. Top of E slopes up to right. A blind.

EC 1 Smudge outside SW corner. Dot to left of E. Weakness at top of right side. Tail of C recut.

2 Right side strongly restored. Smudge reduced and C thin. Scrapes both sides. (Pl. 4)

Sides restored; right very strong. E thin; A open. Scrape right. (Pl. 4)

B and top of E thin. Scrapes both sides. (Pl. 4)

SE extends right. Left side very weak. Weakness. near top of right side.

Sides restored; right very strong. Marks in NE, under SE corner and in top of "PENNY".

(XIII) **2**

EB 1

	St. Red		Plate 30
ED	1 2		Vgl NE. Blur to left of E. Right side very strong. D slightly thin. Scrape left. (Pl. 4)
			PLATE 33
	S T ST Reg.		20 th February, 1843
	1842	-43 R	ay Flaws.
REP Earli	AIR lest d	ate	
	Wea	kenir	ng of Check Letters.
	St.	Rd.	Plate 33
PĀ (XIII)	1 2		Vgl NE which has top recut. SW extends down. Basal shift. Top of P thin. A blind. Marks on neck, in value and "POSTAGE". Marks in SE which has side doubled. Base NE also double. P thin. A open and thin.
QA	1 2	0	Vgl NE and SE. SW extends slightly down. A blind. No Vgl. Left side rubbed. Scrape right. A slightly open.
RA	1		Top NE recut. White flaw just above SW, which extends slightly down. R converted from P.
(XIII)	2		A blind. White flaw restored. No extension. R thin. A open.
SA (XIII)	1 2	<u> </u>	A blind. Left side weak in worn copies. Side NE weak and left side weaker. Gap at inner end of top NE. A open.
TA	1 2		Slight basal shift. Side NE rather weak. Dot on side SE. A blind. Left arm of T longer than right. T thin. A open and thin.

FIRST STATE

7th June, 1843 First Reg.

- (a) 1842-43 Ray Flaws.
- (b) Top of NE Corner-square Recut (slopes up to right) in the majority.

REPAIR

Earliest date 1st April, 1844

- (a) Strong Right Sides.
- (b) Weakening of Check-letters.
- (c) Scrapes in Margins in many.(d) Partial Restoration of NE 1 o'clock Ray in some.

	St.	Red	Plate 34
PA	1 2	0	Left side weak. Short Hgl SE Left side firmer. P thin.
PB (XIII)	1 2	<u> </u>	Top NE recut. Lower right side slightly weak. Right side restored with scrape. P (slightly) and base of B thin.
QA	1 2*		Top NE strongly recut. Hgl SE. Left and upper right sides rather weak. No Hgl (reported).
QB	1 2*		Left side weak. Left side stronger, especially below. B thin and slightly faint above.
QC	1 2	<u> </u>	Q and C double below. Hgl SW. Left side rather weak. Left side restored.
RA	1 2	<u> </u>	Hgl SW. A blind in early copies. Top NE extends right. Lower right side rubbed. Cross-stroke of R thin.
RB	1 2	0	Hgl SW and (trace) SE. Hgl faint in SW, absent in SE. Right side strong with scrape. R (slightly) and B (upper loop faint) thin.
RC	1 2	<u> </u>	NE extends right. Traces of Hgl in SW and SE. Lower half of left side weak. Left side restored, right strong, both with scrape. RC thin.
SA (XIII)	1 2	0	Right side and base SW rather weak. A blind. Right side restored below; weaker above. Scrape right. Top left of S thin. A open. 1 o'clock ray present.
SB	1 2		NE extends right. Left side and side NE weak. Hgl in SE and scratch outside it. Left side and side NE restored. Side SE thickened. No Hgl; scratch very faint. S thin; B faint. Scrapes both sides. 1 o'clock and trace of 10 o'clock rays present.
sc	1 2	0	Faint short Hgl in SE. Slight weakness in upper right side. Right side restored with broken scrape. Scrapes left and outside SE. C thin. 1 o'clock ray present.
SD	1 2	0	D double below. Top NE recut. Left side rather weak. Left side firmer with broken scrape. Scrape outside SE. SD thin. Strong 1 o'clock ray present.
SE	1 2		Slight basal shift. Short scrape outside SE. Left side rather weak. Hgl SW. Base normal. SE slightly thin. Left side firmer. Scrape outside SW. 1 o'clock ray partly present.
TA	1 2		Top NE recut. A blind. Lower left side slightly weak. A thin and open. Left side restored.
ТВ	1 2	0	Top NE recut. Dot in top right corner of SE. Very slight weakness upper right side. Top right restored. T and dot thin; B faint.
TC	1 2	0	Slight basal shift. Left side and inner end of base SE weak. Top NE recut. T and C (very) faint. Thin scrapes left. 1 and 10 o'clock rays present.
TD (XIII)	1 2	0	Slight basal shift. Inner end of base SE absent. Top NE recut. Sides and base SE restored. TD thin.
TE	1 2*	0	Top NE recut. Basal shift. Dots in SW of SE. Lower stroke of E thinned. Thin scrape lower left.
TF	1 2*	0	Vgl NE. Slight basal shift. Inner end of base SE weak. (Reported).
TG			Top NE recut. Left side (slightly), top NW and inner end of base SE weak. Dot inside top right corner of SE. Slight irregular basal shift.
	2		Dot, T and G (very) thin. Scrape right and outside NE. Short scrape middle of left side.
TH	1 2	<u> </u>	Top NE and base SE (tapers to left) recut. Dot in SE touches upper side. Right side slightly weak. Dot faint and T thin. Right side restored. 1 and 10 o'clock rays present. Strong scrape right.

FIRST STATE

First Reg. 26th July, 1843 26th July, 1843 At Press

- (a) Weak Left Sides.(b) Top of NW Corner-square Recut in many.

REPAIR

Earliest date

- (a) Left Sides Restored.(b) Tops Restored when previously weak.

	St.	Red	Plate 38
TA	1 2	0	Basal shift. Marks outside NW. Top weak. Top restored. Marks in SW. Scrape right.
ТВ	1 2	<u> </u>	Basal shift. Top weak. Top restored.
TE	1 2a 2b	<u> </u>	Slight basal shift. Slight rub over AG"E". Left side very weak with central diffuse scrape Left side and top firmer. T slightly thin. Linear scrape right. Sub-state has a scratch running downwards from the stem of E.
TF	1 2	<u> </u>	Basal shift. T recut. Top weak. Top restored.
TG	1 2		Blur in NW. Dot in SE. Rub above "P0". Base of SE weak. Scrape right. Top restored. Thin scrape upper left.
TI (XIV)	1 2*		Left side weak. Basal shift. Mark in SW, which has its base doubled. Rub over "GE". Left side and top restored. Mark and doubling of base SW faint. TI thin.
TK (XIV)	_	0	Basal shift. Left side very weak. SW, SE and top of NE weak. Left side and squares restored. K thin.
TL (XIV)	_		Top NE recut and doubled at right. Faint blur in NW. Heavy rub above "POSTAGE" doubly recut. Inner end of top NE weak; doubling only a blur. Two short thin scrapes left.

FIRST STATE

Reg. 17th November, 1843

At Press 17th November, 1843

- (a) Weak Left Sides in many.(b) Smears in NW Corners in many.

FIRST REPAIR

SECOND REPAIR

THIRD REPAIR

FOURTH REPAIR

Earliest date 19th April, 1844

	St.	Rd.	Plate 40
AF	1 2		Smear in NW. Basal shift. Dot in SE of SE. Smear much reduced. Shift somewhat irregular. Left side rather strong except for weakness lower down. SE dot faint. Strong scrape left.
ΑI	1 2		Slight basal shift. Left side weak. Shift irregular at right. Left side restored with strong scrape.
ЈВ	1 2		Rub under "PE". White flaw under loop of "P"E. Top NW recut. Smear to left of B. Scrape under "E PE". No smear SE. Diffuse line from B down into right side of NE of KB sts. 3 (some copies).
KB (XIV)	1		Twisted fresh entry; duplication in all corner squares and base. "POSTAGE" and value distorted. Outer line (of two) of side SE extends down. Linear scrape both sides.
	2		Further duplication. Side SE has three lines, the centre one being the strongest. "P" OST and value further distorted. Scrape both sides.
	3a		Top NE broken (twice in worn copies) and duplication of its side erased with smearing. Inner line of side SE now strong; outer two partially erased. Value panel has two projections into SE and value is less distorted. B slightly faint. Left side weak. Scrapes in left (faint) and right margins.
	3b 4		As state 3a, but top NE recut and upper left side weaker and without scrape (wear). Inner line of side SW erased with blurring. K thin. B erased and repunched centrally.
			Linear scrape left and diffuse one right (II 8).
LB	1 2		Tops NW and NE recut. Blur in NW. Slight basal shift. Scratch outside lower right side. ? Re-Entry: top has line and projections suggestive of transfer-shift, and is very thin" (rub) over "POSTA". (XIV - under KB st.4.)

APPENDIX

Second States Not Attributable to Repair

 $Note. \ - \ "Second" \ states \ which \ merely \ show \ the \ marginal \ scrape \ of \ an \ adjacent \ repaired \ impression \ are \ not \ included.$

P1.	CL.	St.	Bk.	Rd.
2	KE	1 2	<u> </u>	Both these occurred during the black printings and are therefore normal in the reds. — E doubled. — Scratch running down and to right to cut upper left side.
	RD	1 2		 SE extends down. Hgl above NE. Rub beneath central part of value, attributable to the repair of SD (II 10).
P1.	CL.	St.	Rd.	
16	GD	1 2		Slight basal shift. Scratches in NE.
17	TK	1 2		Basal shift. Diagonal scratch through top of SE, extending to TL.
	TL	1 2		Basal shift. Diagonal scratch cutting side SW, extending to TK.
21	СВ	1 2*		Scratch from lower right side to outside SE, with a second one outside its lowest part.
24	MB	1 2		Vgl NE and SE. Slight basal shift. Scratch below SW.
28	AA	1* 2		Top right NE recut, but weak in centre. Mark in upper right limb of O"N"E. Scratch diagonally down to left from base of "P"E to top of BA.
	ВА	1 2		Gap at inner end of top NE, which extends up. Top NW thinly recut. Faint smear to left of A. Dot outside SW. Scratch (from AA) through "P" and NW to upper left side.
	BK (XIV)	1		SW and SE extend down. Blur in SE. Two marks to left of K. Base SW weak.
	IA	1 2		Tops NW (very weakly) and NE recut. Top serifs of I defective. SE extends right. Two scratches from inside lower right side run down to IB.
	IB (XIV)	1 2		Hgl SE. Double scratch from top right of SW, through "ONE" to margin.
	MD	1 2		NE extends slightly right. Two scratches down and to right through "GE" and lower part of NE.
	ME	1 2		Top extends right. Two scratches in left margin below NW (from MD)
	PG	1 2		Vgl NE and SE. Scratch below "NY", extending to QG-QH.
	QG	1 2		SW extends slightly left. Scratch above NE, extending to PG and QH.
	QН	1 2	0	H defective. Scratch above NW and through "OSTAGE", extending to QG and PG.

P1.	CL.	St.	Rd.	
38	TE	2a 2b		Slight basal shift. T slightly thin. Linear scrape right. Scratch running downward from the stem of E.
40	ЈВ	1 2	0	Rub under "PE". White flaw under loop of "P"E. Top NW recut. Smear to left of B. Scrape under "EPE". No smear SE. Diffuse line from B down into right side of NE of KB St. 3 (some copies)
	TA (XIV)	_	0	Imprimatur shows heavy diffuse scrape in right margin. Basal shift. Scrape removed, with rubbing of right side.
	TB (XIV)	_	0	Left side recut, but no rub inside. Recut broken, with gross rub within. Side NW almost entirely missing. Attributable to removal of scrape at the right of TA.