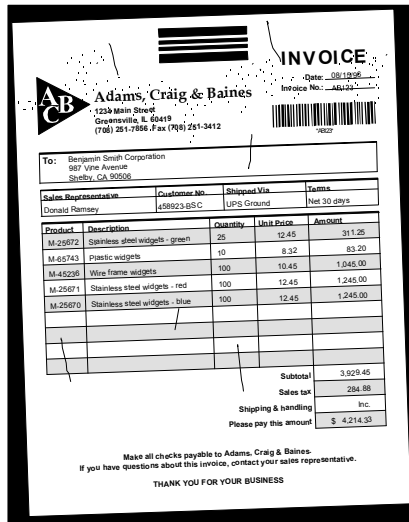


# Image Cleanup Examples

## (in their order of operation)

Deskew



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

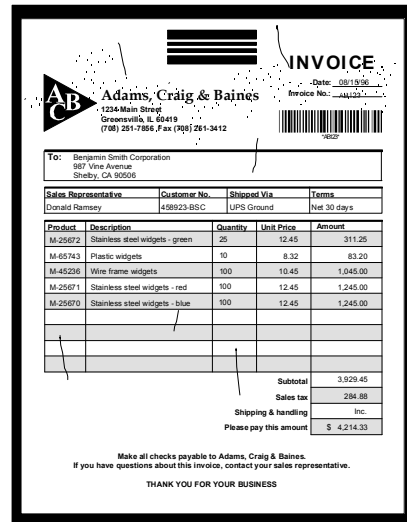
Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

Before



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

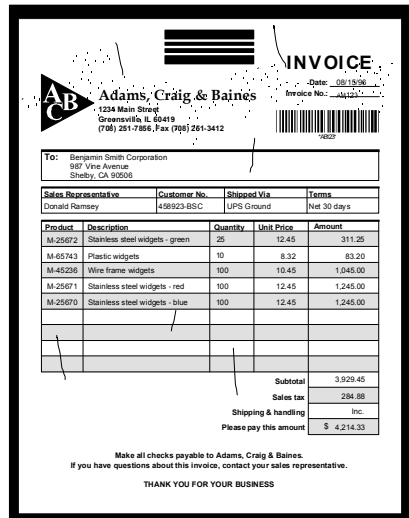
Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

After

Black Border Removal



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

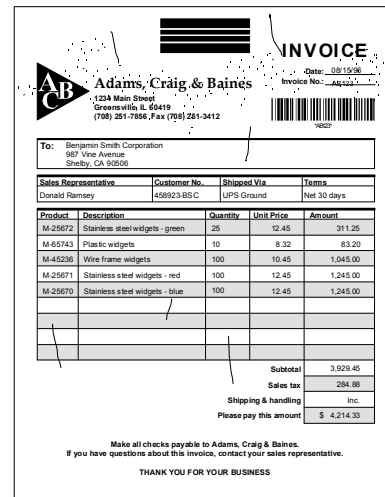
Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

Before



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

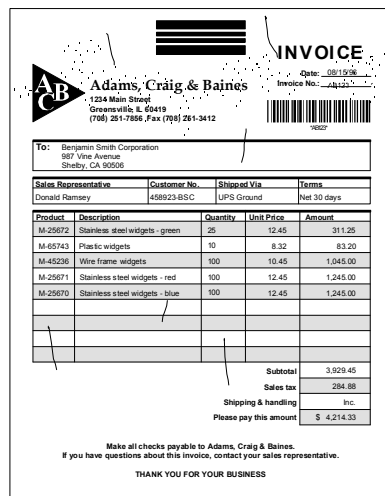
Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

After

Deshade



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

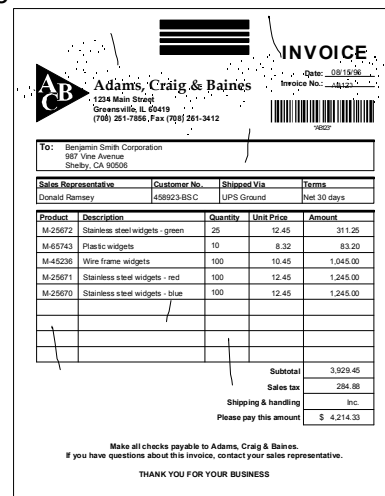
Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

Before



**INVOICE**  
Date: 08/19/06  
Invoice No.: 45823

**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 60419  
(708) 251-7866, Fax (708) 251-3412

To: Benjamin Smith Corporation  
987 Vine Avenue  
Sheboy, CA 90506

Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	45823-BSC	UPS Ground	Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
Subtotal				3,929.45
Sales tax				284.88
Shipping & handling				Inc.
Please pay this amount				\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

After

## Despeckle

Before

Aft er

Before



Aft er

## Horizontal Line Removal


		<b>INVOICE</b>	
		Date:	08/15/06
		Invoice No.:	48133
	<b>Adams, Craig &amp; Baines</b>		
1234 Main Street Greenville, SC 29619 (708) 251-7856 Fax (708) 251-3412			
<b>To:</b> Benjamin Smith Corporation 987 Vine Avenue Shelby, CA 95066			
Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	458923-BSC	UPS Ground	Net 30 days
Product	Description	Quantity	Unit Price Amount
M-25672	Stainless steel widgets - green	25	12.45      311.25
M-65743	Plastic widgets	10	8.32      83.20
M-45236	Wire frame widgets	100	10.45      1,045.00
M-25671	Stainless steel widgets - red	100	12.45      1,245.00
M-25670	Stainless steel widgets - blue	100	12.45      1,245.00
Subtotal			3,929.45
Sales tax			.94
Shipping & handling			284.88
Please pay this amount			\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.  
If you have questions about this invoice, contact your sales representative.

**THANK YOU FOR YOUR BUSINESS**

 <b>Adams, Craig &amp; Baines</b> 1224 Main Street Greenville, IL 62419 (708) 251-7856 Fax (708) 251-3412		<b>INVOICE</b> Date: 08/19/96 Invoice No. A0123	
 #0227			
<b>To:</b> Benjamin Smith Corporation 687 Vine Avenue Shelby, CA 90506			
<b>Sales Representative</b> Donald Ramsey	<b>Customer No.</b> 458923-BSC	<b>Shipped Via</b> UPS Ground	<b>Terms</b> Net 30 days
<b>Product</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit Price</b>
M-25672	Stainless steel widgets - green	25	12.45
M-65743	Plastic widgets	10	8.32
M-45236	Wire frame widgets	100	10.45
M-25671	Stainless steel widgets - red	100	12.45
M-25670	Stainless steel widgets - blue	100	12.45
		<b>Subtotal</b>	3,929.45
		<b>Sales tax</b>	294.88
		<b>Shipping &amp; handling</b>	Inc.
		<b>Please pay this amount</b>	\$ 4,214.33


**Make all checks payable to Adams, Craig & Baines.**  
**If you have questions about this invoice, contact your sales representative.**  
**THANK YOU FOR YOUR BUSINESS**



**Adams, Craig & Baines**  
 1234 Main Street  
 Greenville, IL 60419  
 (708) 251-7866 Fax (708) 251-3412

# INVOICE

**Date:** 08/15/96  
**Invoice No.:** AB 123



4827

**To:** Benjamin Smith Corporation  
 987 Vine Avenue  
 Shelby, CA 90506


Sales Representative	Customer No.	Shipped Via	Terms
Donald Ramsey	458923-BSC	UPS Ground	Net 30 days


Product	Quantity	Unit Price	Amount
M-25672 Stainless steel widgets - green	25	12.45	311.25
M-65743 Plastic widgets	10	8.32	83.20
M-45286 Wire frame widgets	100	10.45	1,045.00
M-25671 Stainless steel widgets - red	100	12.45	1,245.00
M-25670 Stainless steel widgets - blue	100	12.45	1,245.00
<b>Subtotal</b>			<b>3,924.45</b>
<b>Sales tax</b>			<b>294.88</b>
<b>Shipping and handling</b>			<b>Inc.</b>
<b>Please pay this amount</b>			<b>\$ 4,219.33</b>

**Make all checks payable to Adams, Craig & Baines.**  
 If you have questions about this invoice, contact your sales representative.

**THANK YOU FOR YOUR BUSINESS**




# INVOICE



## Adams, Craig & Baines

124 Main Street  
Grosseville, IL 60419  
(708) 251-7856 Fax (708) 251-3412

Date: 08/15/96  
Invoice No: A0123



#0027

**To:** Benjamin Smith Corporation  
387 Vine Avenue  
Shelby, CA 90506

**Sales Representative**  
Donald Ramsey

**Customer No.**  
458923-BSC

**Shipped Via**  
UPS Ground

**Terms**  
Net 30 days



Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00
<b>Subtotal</b>				3,924.50
<b>Sales tax</b>				284.88
<b>Shipping &amp; handling</b>				Inc.
<b>Please pay this amount</b>				\$ 4,214.33

**Make all checks payable to Adams, Craig & Baines.**

**If you have questions about this invoice, contact your sales representative.**

**THANK YOU FOR YOUR BUSINESS**


[illegible]

# INVOICE

Date: 08/15/96  
 Invoice No.: AB123

**Adams, Craig & Baines**  
 124 Main Street  
 Graysville, IL 62419  
 (708) 251-7856 Fax (708) 251-3412



NET2

To: Benjamin Smith Corporation  
 987 Vine Avenue  
 Shelby, CA 90506

<b>Sales Representative</b>	<b>Customer No.</b>	<b>Shipped Via</b>	<b>Terms</b>
Donald Ramsey	458923-BSC	UPS Ground	Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.30
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00

<b>Subtotal</b>	3,929.45
<b>Sales tax</b>	284.88
<b>Shipping &amp; handling</b>	Inc.
<b>Please pay this amount</b>	<b>\$ 4,214.33</b>

**Make all checks payable to Adams, Craig & Baines.**  
**If you have questions about this invoice, contact your sales representative.**


**THANK YOU FOR YOUR BUSINESS**


After


# Image Cleanup Examples

(in their order of operation)

Destreak





**INVOICE**  
Date: 09/15/96  
Invoice No.: /8121  


**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 69419  
(708) 251-7856 Fax (708) 251-3412

**To:** Benjamin Smith Corporation  
987 Vine Avenue  
Shelby, CA 90508

**Sales Representative**  
Donald Ramsey

**Customer No.**  
498923-85C

**Shipped Via**  
UPS Ground

**Terms**  
Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00

Subtotal

3,929.45

Sales tax

284.88

Shipping & handling

Inc.

Please pay this amount


\$ 4,214.33


Make all checks payable to Adams, Craig & Baines.


If you have questions about this invoice, contact your sales representative.

THANK YOU FOR YOUR BUSINESS

Before





**INVOICE**  
Date: 09/15/96  
Invoice No.: AD121  


**Adams, Craig & Baines**  
1234 Main Street  
Greenville, IL 69419  
(708) 251-7856 Fax (708) 251-3412

**To:** Benjamin Smith Corporation  
987 Vine Avenue  
Shelby, CA 90508

**Sales Representative**  
Donald Ramsey

**Customer No.**  
498923-85C

**Shipped Via**  
UPS Ground

**Terms**  
Net 30 days

Product	Description	Quantity	Unit Price	Amount
M-25672	Stainless steel widgets - green	25	12.45	311.25
M-65743	Plastic widgets	10	8.32	83.20
M-45236	Wire frame widgets	100	10.45	1,045.00
M-25671	Stainless steel widgets - red	100	12.45	1,245.00
M-25670	Stainless steel widgets - blue	100	12.45	1,245.00

Subtotal

3,929.45

Sales tax

284.88

Shipping & handling

Inc.

Please pay this amount

\$ 4,214.33

Make all checks payable to Adams, Craig & Baines.

If you have questions about this invoice, contact your sales representative.








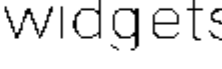
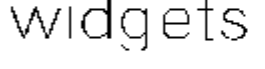



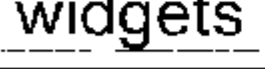

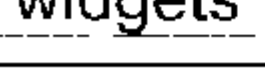
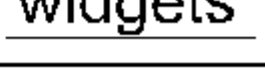

THANK YOU FOR YOUR BUSINESS

After

# Image Cleanup Examples

## (in their order of operation)

This table shows how each image filter affects text characters and lines on an image.

	Character Smoothing →	
	Smooth and Clean →	
	Smooth, Clean and Preserve →	
	Thinning →	
	Light Thicken →	
	Thicken →	
	Fill Line Breaks →	
	Fill Line Breaks and Preserve →	
	Outline →	