

FEC FORM 3X

REPORT OF RECEIPTS AND DISBURSEMENTS For Other Than An Authorized Committee

Office Use Only

1. NAME OF COMMITTEE (in full) USE FEC MAILING LABEL OR TYPE OR PRINT Example: If typing, type over the lines Applied Signal Technology, Inc., PAC (AST PAC)

ADDRESS (number and street) 400 West California Avenue Sunnyvale CA 94086 Check if different than previously reported. (ACC)

2. FEC IDENTIFICATION NUMBER C00425389 3. IS THIS REPORT NEW (N) OR AMENDED (A)

4. TYPE OF REPORT (Choose One) (a) Quarterly Reports: April 15, July 15, October 15, January 31, July 31 Mid-Year Report, Termination Report (b) Monthly Report Due On: Feb 20, Mar 20, Apr 20, May 20, Jun 20, Jul 20, Aug 20, Sep 20, Oct 20, Nov 20, Dec 20, Jan 31 (c) 12-Day PRE-Election Report for the: Primary, General, Convention, Special, Runoff (d) 30-Day Post -Election Report for the: General, Runoff, Special Election on 11 02 2010 in the State of CA

5. Covering Period 10 01 2010 through 11 22 2010

I certify that I have examined this Report and to the best of my knowledge and belief it is true, correct and complete. Type or Print Name of Treasurer Steven G. Churchwell

Signature of Treasurer Electronically Filed by Steven G. Churchwell Date 11 29 2010

NOTE : Submission of false, erroneous, or incomplete information may subject the person signing this Report to the penalties of 2 U.S.C 437g.

Office Use Only table with 7 columns and 1 row

FEC FORM 3X (Rev. 12/2004)

**SUMMARY PAGE**  
**OF RECEIPTS AND DISBURSEMENTS**

Write or Type Committee Name  
Applied Signal Technology, Inc., PAC (AST PAC)

Report Covering the Period: From: 

M	M
1	0

D	D
0	1

Y	Y	Y	Y
2	0	1	0

 To: 

M	M
1	1

D	D
2	2

Y	Y	Y	Y
2	0	1	0

	COLUMN A This Period	COLUMN B Calendar Year-to-Date								
6. (a) Cash on Hand January 1 <table border="1"><tr><td>Y</td><td>Y</td><td>Y</td><td>Y</td></tr><tr><td>2</td><td>0</td><td>1</td><td>0</td></tr></table>	Y	Y	Y	Y	2	0	1	0		3686.00
Y	Y	Y	Y							
2	0	1	0							
(b) Cash on Hand at Beginning of Reporting Period .....	8380.11									
(c) Total Receipts (from Line 19) .....	630.00	8430.00								
(d) Subtotal (add lines 6(b) and 6(c) for Column A and Lines 6(a) and 6(c) for Column B) .....	9010.11	12116.00								
7. Total Disbursements (from Line 31) .....	0.00	3105.89								
8. Cash on Hand at Close of Reporting Period (subtract Line 7 from Line 6(d)) .....	9010.11	9010.11								
9. Debts and Obligations owed <b>TO</b> the committee (Itemize all on Schedule C and/or Schedule D) .....	0.00									
10. Debts and Obligations owed <b>BY</b> the committee (Itemize all on Schedule C and/or Schedule D) .....	0.00									

This Committee has qualified as a multicandidate committee. (see FEC FORM 1M)

**For further information contact:**

Federal Election Commission  
999 E street, NW  
Washington, DC 20463

Toll Free 800-424-9530  
Local 202-694-1100

FEC Form 3X (Rev. 06/2004)

Write or Type Committee Name

Applied Signal Technology, Inc., PAC (AST PAC)

Report Covering the Period: From: 

M	M
1	0

D	D
0	1

Y	Y	Y	Y
2	0	1	0

 To: 

M	M
1	1

D	D
2	2

Y	Y	Y	Y
2	0	1	0

I. Receipts	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date
11. Contributions (other than loans) From:		
(a) Individuals/Persons Other Than Political Committees		
(i) Itemized (use Schedule A) .....	630.00	8300.00
(ii) Unitemized .....	0.00	130.00
(iii) TOTAL (add Lines 11(a)(i) and (ii) .....	630.00	8430.00
(b) Political Party Committees .....	0.00	0.00
(c) Other Political Committees (such as PACs) .....	0.00	0.00
(d) Total Contributions (add Lines 11(a)(iii),(b) and (c)) (Carry Totals to Line 33, page 5) .....	630.00	8430.00
12. Transfers From Affiliated/Other Party Committees .....	0.00	0.00
13. All Loans Received .....	0.00	0.00
14. Loan Repayments Received .....	0.00	0.00
15. Offsets To Operating Expenditures (Refunds, Rebates, etc.) (Carry Totals to Line 37, page 5) .....	0.00	0.00
16. Refunds of Contributions Made to Federal candidates and Other Political Committees .....	0.00	0.00
17. Other Federal Receipts (Dividends, Interest, etc.) .....	0.00	0.00
18. Transfers from Non-Federal and Levin Funds		
(a) Non-Federal Account (from Schedule H3) .....	0.00	0.00
(b) Levin Funds (from Schedule H5) .....	0.00	0.00
(c) Total Transfer (add 18(a) and 18(b)).	0.00	0.00
19. Total Receipts (add Lines 11(d), 12, 13, 14, 15, 16, 17, and 18(c)) .....	630.00	8430.00
20. Total Federal Receipts (subtract Line 18(c) from Line 19) .....	630.00	8430.00

**DETAILED SUMMARY PAGE**

of Disbursements

FEC Form 3X (Rev. 02/2003)

<b>II. DISBURSEMENTS</b>	<b>COLUMN A Total This Period</b>	<b>COLUMN B Calendar Year-to-Date</b>
21. Operating Expenditures:		
(a) Shared Federal/Non-Federal Activity (from Schedule H4)		
(i) Federal Share.....	0.00	0.00
(ii) Non-Federal Share.....	0.00	0.00
(b) Other Federal Operating Expenditures.....	0.00	105.89
(c) Total Operating Expenditures (add 21(a)(i), (a)(ii) and (b))..... ▶	0.00	105.89
22. Transfers to Affiliated/Other Party Committees.....	0.00	0.00
23. Contributions to Federal Candidates/Committees and Other Political Committees.....	0.00	3000.00
24. Independent Expenditure (use Schedule E) .....	0.00	0.00
25. Coordinated Expenditures Made by Party Committees (2 U.S.C. 441a(d)) (use Schedule F).....	0.00	0.00
26. Loan Repayments Made.....	0.00	0.00
27. Loans Made.....	0.00	0.00
28. Refunds of Contributions To:		
(a) Individuals/Persons Other Than Political Committees .....	0.00	0.00
(b) Political Party Committees	0.00	0.00
(c) Other Political Committees (such as PACs) .....	0.00	0.00
(d) Total Contribution Refunds (add Lines 28(a), (b), and (c)) .....	0.00	0.00
29. Other Disbursements.....	0.00	0.00
30. Federal Election Activity (2 U.S.C 431(20))		
(a) Shared Federal Election Activity (from Schedule H6)		
(i) Federal Share .....	0.00	0.00
(ii) "Levin" Share .....	0.00	0.00
(b) Federal Election Activity Paid Entirely With Federal Funds .....	0.00	0.00
(c) Total Federal Election Activity (add Lines 30(a)(i), 30(a)(ii) and 30(b))....	0.00	0.00
31. Total Disbursements (add Lines 21(c), 22, 23, 24, 25, 26, 27, 28(d), 29 and 30(c))..	0.00	3105.89
32. Total Federal Disbursements (subtract Line 21(a)(ii) and Line 30(a)(ii) from Line 31).....	0.00	3105.89

**DETAILED SUMMARY PAGE**  
of Disbursements

III. Net Contributions/Operating Expenditures	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date
33. Total Contributions (other than loans) from Line 11(d), page 3) .....	630.00	8430.00
34. Total Contribution Refunds (from Line 28(d)) .....	0.00	0.00
35. Net Contributions (other than loans) (subtract Line 34 from Line 33) .....	630.00	8430.00
36. Total Federal Operating Expenditures (add Line 21(a)(i) and Line 21(b)).....	0.00	105.89
37. Offsets to Operating Expenditures (from Line 15, page 3) .....	0.00	0.00
38. Net Operating Expenditures (subtract Line 37 from Line 36) .....	0.00	105.89

**SCHEDULE A (FEC Form 3X)  
ITEMIZED RECEIPTS**

Use separate schedule(s) for each category of the Detailed Summary Page	FOR LINE NUMBER: <input type="checkbox"/> 11a <input type="checkbox"/> 11b <input type="checkbox"/> 11c <input type="checkbox"/> 12 (check only one) <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17	PAGE 6 / 8
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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee.

NAME OF COMMITTEE (In Full)  
Applied Signal Technology, Inc., PAC (AST PAC)

<b>A.</b>	Full Name (Last, First, Middle Initial) Roger W. Anderson	Date of Receipt MM / DD / YYYY 10 / 14 / 2010
	Mailing Address 7710 Woodmont Avenue	<b>Transaction ID:</b> INCA170
	City State Zip Code Bethesda MD 20814	Amount of Each Receipt this Period 100.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Vice President Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 2100.00

<b>B.</b>	Full Name (Last, First, Middle Initial) John M. Mathews	Date of Receipt MM / DD / YYYY 10 / 14 / 2010
	Mailing Address 2742 Benchmark Avenue	<b>Transaction ID:</b> INCA176
	City State Zip Code Fremont CA 94536	Amount of Each Receipt this Period 10.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Department Manager of IT Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 230.00

<b>C.</b>	Full Name (Last, First, Middle Initial) John F. Pesaturo	Date of Receipt MM / DD / YYYY 10 / 14 / 2010
	Mailing Address 965 Placid Court	<b>Transaction ID:</b> INCA173
	City State Zip Code Arnold MD 21012	Amount of Each Receipt this Period 100.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Vice President Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 2100.00

<b>SUBTOTAL</b> of Receipts This Page (optional) .....	▶	210.00
<b>TOTAL</b> This Period (last page this line number only) .....	▶	

# SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

Use separate schedule(s) for each category of the Detailed Summary Page	FOR LINE NUMBER: <input type="checkbox"/> 11a <input type="checkbox"/> 11b <input type="checkbox"/> 11c <input type="checkbox"/> 12 (check only one)	PAGE 7 / 8
	<input checked="" type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17	

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NAME OF COMMITTEE (In Full)  
Applied Signal Technology, Inc., PAC (AST PAC)

<b>A.</b>	Full Name (Last, First, Middle Initial) Roger W. Anderson	Date of Receipt M M / D D / Y Y Y Y Y 1 0 / 2 8 / 2 0 1 0
	Mailing Address 7710 Woodmont Avenue	<b>Transaction ID:</b> INCA171
	City State Zip Code Bethesda MD 20814	Amount of Each Receipt this Period 100.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Vice President Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 2100.00

<b>B.</b>	Full Name (Last, First, Middle Initial) John M. Mathews	Date of Receipt M M / D D / Y Y Y Y Y 1 0 / 2 8 / 2 0 1 0
	Mailing Address 2742 Benchmark Avenue	<b>Transaction ID:</b> INCA177
	City State Zip Code Fremont CA 94536	Amount of Each Receipt this Period 10.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Department Manager of IT Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 230.00

<b>C.</b>	Full Name (Last, First, Middle Initial) John F. Pesaturo	Date of Receipt M M / D D / Y Y Y Y Y 1 0 / 2 8 / 2 0 1 0
	Mailing Address 965 Placid Court	<b>Transaction ID:</b> INCA174
	City State Zip Code Arnold MD 21012	Amount of Each Receipt this Period 100.00
	FEC ID number of contributing federal political committee. C	
	Name of Employer Applied Signal Technology, Inc. Occupation Vice President Receipt For: <input type="checkbox"/> Primary <input type="checkbox"/> General <input type="checkbox"/> Other (specify) ▼	Aggregate Year-to-Date ▼ 2100.00

<b>SUBTOTAL</b> of Receipts This Page (optional) .....	▶	210.00
<b>TOTAL</b> This Period (last page this line number only) .....	▶	

**SCHEDULE A (FEC Form 3X)  
ITEMIZED RECEIPTS**

Use separate schedule(s)  
for each category of the  
Detailed Summary Page

FOR LINE NUMBER: PAGE 8 / 8

(check only one)

<input checked="" type="checkbox"/> 11a	<input type="checkbox"/> 11b	<input type="checkbox"/> 11c	<input type="checkbox"/> 12
<input type="checkbox"/> 13	<input type="checkbox"/> 14	<input type="checkbox"/> 15	<input type="checkbox"/> 16 <input type="checkbox"/> 17

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NAME OF COMMITTEE (In Full)  
Applied Signal Technology, Inc., PAC (AST PAC)

**A.**

Full Name (Last, First, Middle Initial)  
Roger W. Anderson

Mailing Address 7710 Woodmont Avenue

City State Zip Code  
Bethesda MD 20814

FEC ID number of contributing federal political committee. **C**

Name of Employer Applied Signal Technology, Inc. Occupation Vice President

Receipt For:  Primary  General  Other (specify) ▼ Aggregate Year-to-Date ▼ 2100.00

Date of Receipt

M M / D D / Y Y Y Y  
1 1 / 1 0 / 2 0 1 0

Transaction ID: INCA172

Amount of Each Receipt this Period  
100.00

**B.**

Full Name (Last, First, Middle Initial)  
John M. Mathews

Mailing Address 2742 Benchmark Avenue

City State Zip Code  
Fremont CA 94536

FEC ID number of contributing federal political committee. **C**

Name of Employer Applied Signal Technology, Inc. Occupation Department Manager of IT

Receipt For:  Primary  General  Other (specify) ▼ Aggregate Year-to-Date ▼ 230.00

Date of Receipt

M M / D D / Y Y Y Y  
1 1 / 1 0 / 2 0 1 0

Transaction ID: INCA178

Amount of Each Receipt this Period  
10.00

**C.**

Full Name (Last, First, Middle Initial)  
John F. Pesaturo

Mailing Address 965 Placid Court

City State Zip Code  
Arnold MD 21012

FEC ID number of contributing federal political committee. **C**

Name of Employer Applied Signal Technology, Inc. Occupation Vice President

Receipt For:  Primary  General  Other (specify) ▼ Aggregate Year-to-Date ▼ 2100.00

Date of Receipt

M M / D D / Y Y Y Y  
1 1 / 1 0 / 2 0 1 0

Transaction ID: INCA175

Amount of Each Receipt this Period  
100.00

**SUBTOTAL** of Receipts This Page (optional) ..... ►

210.00

**TOTAL** This Period (last page this line number only) ..... ►

630.00