RICHARDSON ELECTRONICS LTD/DE

Form SC 13G/A February 10, 2011

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 15) *

RICHARDSON ELECTRIC LTD

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

763165107

(CUSIP Number)

December 31, 2010

(Date of Event which Requires Filing of Statement)

Check the appropriate box to designate the Rule pursuant to which this Schedule is filed:

[x] Rule 13d - 1(b)

Rule 13d - 1(c)

Rule 13d - 1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes.)

(Continued on following page(s) $\,$

Page 1 of 8 Pages

CUSIP NO. 763165107

13G Page 2 of 8 Pages

- 1 Name of Reporting Person
 S.S. or I.R.S. Identification No. of Above Person
 - T. ROWE PRICE ASSOCIATES, INC. 52-0556948

2	Check the Ap	ppro	priate Box if a Member of a Group*				
	NOT APPLICA	ST.E		(a) (b)			
2				(10)			
3	SEC Use Only	Y					
4	Citizonship	or	Place of Organization				
7	MARYLAND	OI	riace of organization				
Nun	mber of	5	Sole Voting Power				
	ires	**	2,150				
		_					
Ber	neficially	6 **	Shared Voting Power				
Owr	ned By Each		NONE				
Rep	orting	7 **	Sole Dispositive Power				
Per	rson		712,150				
Wit	.h	8	Shared Dispositive Power				
			NONE				
9	Aggregate An	noun	t Beneficially Owned by Each Reportir	ng Person			
	712,150						
10	O Check Box if the Aggregate Amount in Row (9) Excludes Shares*						
	NOT APPLICABLE						
11	Percent of Class Represented by Amount in Row 9						
	4.7%						
12	Type of Reporting Person*						
	IA						
			INSTRUCTION BEFORE FILLING OUT! Tes reported in Items 5 and 6 are also reported in Item 7.)			
CUS	SIP NO. 76316	6510	-	ages'			
1	Name of Reporting Person S.S. or I.R.S. Identification No. of Above Person						
	T. Rowe Price Small-Cap Value Fund, Inc. 52-1575325						
2	Check the Appropriate Box if a Member of a Group*						
	NOT APPLICAE	BLE		(a) (b)			

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3 SEC Use Only
4 Citizenship or Place of Organization
  MARYLAND
Number of
            5 Sole Voting Power
Shares
                 710,000
             6 Shared Voting Power
Beneficially
              NONE
Owned By Each
              7 Sole Dispositive Power
Reporting
Person
                 NONE
With
              8 Shared Dispositive Power
                 NONE
9 Aggregate Amount Beneficially Owned by Each Reporting Person
   710,000
10 Check Box if the Aggregate Amount in Row (9) Excludes Certain
   NOT APPLICABLE
11 Percent of Class Represented by Amount in Row 9
   4.7%
12 Type of Reporting Person*
   IV
             *SEE INSTRUCTION BEFORE FILLING OUT!
**The aggregate amount reported on this page is also included in
the aggregate amount reported by T. Rowe Price Associates, Inc.
on page 2 of this Schedule 13G.
SCHEDULE 13G
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Item 1(a) Name of Issuer:
          Reference is made to page 1 of this Schedule 13G
Item 1(b) Address of Issuer's Principal Executive Offices:
          40W267 Keslinger Road, Lafox, Illinois 60147
Item 2(a) Name of Person(s) Filing:
          (1) T. Rowe Price Associates, Inc. ("Price
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Associates")

	Lugar i lillig. I tiori	AI IDOON LLLO	THOMICO LIDID	_ 101111						
	(2) T. Rowe Pric	ce Small-Cap Va	lue Fund, Inc.							
X	Attached as Exhibit the Persons Filin Schedule 13G is b	ng (as specifie	ed hereinabove) t	hat this						
Item 2(b)	Address of Princ	ipal Business C	Office:							
	100 E. Pratt Stre	eet, Baltimore,	Maryland 21202							
Item 2(c)	Citizenship or Place of Organization:									
	(1) Maryland									
	(2) Maryland									
Item 2(d)	Title of Class of	f Securities:								
	Reference is made to page 1 of this Schedule 13G									
Item 2(e)	CUSIP Number: 763	3165107								
Item 3	Item 3 The person filing this Schedule 13G is an:									
X	Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940									
X Investmen CUSIP 763 PAGE 5 OF			under Section 8 c	f the						
Item 4	Ownership		Deemed Outstanding And Beneficially							
		Units Deemed Beneficially Owned Directly	Owned Directly Subject to	Total						
PRICE (incl repor (2) b (a) A	RESPECT TO ASSOCIATES udes shares ted in elow): mount eneficially	710 500		710.500						
	wned	712,500	-0-	712,500						
	ercent of lass			4.7%						
u	umber of nits as o which uch									

	(i)	*sole power to vote or to direct the vote	2,150	-0-	2,150
	(ii)	*shared power to vote or to direct the vote	-0-	-0-	-0-
	(iii)	*sole power to dispose or to direct the disposition of *shared power to dispose or to direct the disposition	712,500	-0-	712,500
		of	-0-	-0-	-0-
(2)		SPECT TO		CUSIP 7631	
	T. Rowe	Price Small-Cap Fund, Inc.	Value	Page 6 of 8 Pages	
		runa, me.	Units Deemed Beneficially Owned Directly	Deemed Outstanding And Beneficially Owned Directl Subject to Warrants & Conversion Privileges	У
		unt eficially ed	710,000	-0-	710,000
	(b) Pero	cent of			. 4.7%
	to sucl	oer of ts as which h person			
	(i)	*sole power to vote or to direct the vote	710,000	-0-	710,000
	(ii)	*shared power to vote or to direct the vote	-0-	-0-	-0-
	(iii)	*sole power to dispose or to direct the			

disposition
of -0- -0- -0
(iv) *shared power
to dispose or
to direct the
disposition
of -0- -0- -0-

*Units reported in subcategories (i) and (ii) are also included in subcategory (iii) or (iv).

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Item 5 Ownership of Five Percent or Less of a Class.

Not Applicable.

X This statement is being filed to report the fact that, as of the date of this report, the reporting person(s) has (have) ceased to be the beneficial owner of more than five percent of the class of securities.

Item 6 Ownership of More than Five Percent on Behalf of Another
 Person

(1) Price Associates does not serve as custodian of the assets of any of its clients; accordingly, in each instance only the client or the client's custodian or trustee bank has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities.

The ultimate power to direct the receipt of dividends paid with respect to, and the proceeds from the sale of, such securities, is vested in the individual and institutional clients which Price Associates serves as investment adviser. Any and all discretionary authority which has been delegated to Price Associates may be revoked in whole or in part at any time.

Except as may be indicated if this is a joint filing with one of the registered investment companies sponsored by Price Associates which it also serves as investment adviser ("T. Rowe Price Funds"), not more than 5% of the class of such securities is owned by any one client subject to the investment advice of Price Associates.

(2) With respect to securities owned by any one of the T. Rowe Price Funds, only State Street Bank and Trust Company, as custodian for each of such Funds, has the right to receive dividends paid with respect to, and proceeds from the sale of, such securities. No other person is known to have such right, except that the shareholders of each such Fund participate proportionately in any dividends and distributions so paid.

Item 7 Identification and Classification of the Subsidiary Which
 Acquired the Security Being Reported on By the Parent
 Holding Company.

Not Applicable.

Item 8 Identification and Classification of Members of the Group.

Not Applicable.

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Item 9 Notice of Dissolution of Group.

Not Applicable.

Item 10 Certification.

By signing below I (we) certify that, to the best of my (our) knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect. T. Rowe Price Associates, Inc. hereby declares and affirms that the filing of Schedule 13G shall not be construed as an admission that Price Associates is the beneficial owner of the securities referred to, which beneficial ownership is expressly denied.

Signature.

After reasonable inquiry and to the best of my (our) knowledge and belief, I (we) certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2011 Dated: February 14, 2011

T. ROWE PRICE SMALL-CAP VALUE FUND, INC.

T. ROWE PRICE ASSOCIATES, INC.

By: /s/ David Oestreicher
David Oestreicher,
Vice President

By: /s/ David Oestreicher
David Oestreicher,
Vice President

Note:

This Schedule 13G, including all exhibits, must be filed with the Securities and Exchange Commission, and a copy hereof must be sent to the issuer by registered or certified mail not later than February 14th following the calendar year covered by the statement or within the time specified in Rule 13d-1 (b) (2), if applicable.

12/31/2010

EXHIBIT A

AGREEMENT

JOINT FILING OF SCHEDULE 13G

T. Rowe Price Associates, Inc. (an investment adviser registered under the Investment Advisers Act of 1940) and T. Rowe Price Small-Cap Value Fund, Inc., a Maryland corporation, hereby agree to file jointly the statement on Schedule 13G to which this Agreement is attached, and any amendments thereto which may be deemed necessary, pursuant to Regulation 13D-G under the Securities Exchange Act of 1934.

It is understood and agreed that each of the parties hereto is responsible for the timely filing of such statement and any amendments thereto, and for the completeness and accuracy of the information concerning such party contained therein, but such party is not responsible for the completeness or accuracy of information concerning the other party unless such party knows or has reason to believe that such information is inaccurate.

It is understood and agreed that a copy of this Agreement shall be attached as an exhibit to the statement on Schedule 13G, and any amendments hereto, filed on behalf of each of the parties

Dated: February 14, 2011 Dated: February 14, 2011

T. ROWE PRICE SMALL-CAP VALUE FUND, INC.

T. ROWE PRICE ASSOCIATES, INC.

By: /s/ David Oestreicher

David Oestreicher,

Vice President

David Oestreicher,

Vice President Vice President

Vice President