

TESSCO TECHNOLOGIES INC

Form SC 13G

February 21, 2007

CUSIP NO. 872386107 13G

1 Name of Reporting Person / IRS Identification Number:  
Advisory Research, Inc. / 36-2831881

2 Check the Appropriate Box if a Member of a Group (a) [ ]  
(See Instructions) (b) [ ]

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

Number of Shares	5	Sole Voting Power 0 Shares
Beneficially Owned By	6	Shared Voting Power -5188 Shares
Each Reporting Person	7	Sole Dispositive Power 0 Shares
With	8	Shared Dispositive Power -5188 Shares

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
-5188 Shares

10 Check if the Aggregate Amount in Row (9) Excludes Certain  
Shares [ ] (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
-%

12 Type of Reporting Person  
IA

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1 Name of Reporting Person / IRS Identification Number:  
Advisory Research Microcap Value Fund, L.P. / 36-4440337

2 Check the Appropriate Box if a Member of a Group (a) [ ]  
(See Instructions) (b) [ ]

3 SEC Use Only

4 Citizenship or Place of Organization  
Illinois

Number of	5	Sole Voting Power
Shares		0 Shares
Beneficially	6	Shared Voting Power
Owned By		-5188 Shares
Each	7	Sole Dispositive Power
Reporting		0 Shares
Person	8	Shared Dispositive Power
With		-5188 Shares

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
629575 Shares

10 Check if the Aggregate Amount in Row (9) Excludes Certain  
Shares [ ] (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
-%

12 Type of Reporting Person  
PN

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- Item 1 (a) Name of Issuer: Tessco Technologies, Inc.
- Item 1 (b) Name of Issuer's Principal Executive Offices:  
11126 McCormick Road  
Hunt Valley, MD 21031
- Item 2 (a) Person Filing - Advisory Research, Inc.  
Advisory Research Microcap Value Fund, L.P.
- Item 2 (b) Address - 180 North Stetson St., Suite 5500  
Chicago, IL 60601
- Item 2 (c) Citizenship - Advisory Research, Inc. is a Delaware Corporation  
  
Advisory Research Microcap Value Fund, L.P.  
is an Illinois Entity
- Item 2 (d) Title of Class of Securities - Common
- Item 2 (e) CUSIP Number - 872386107
- Item 3 If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b), check whether the person filing is a:
- (a)  Broker or Dealer registered under Section 15 of the Act
- (b)  Bank as defined in Section 3(a)(6) of the Act
- (c)  Insurance Company as defined in Section 3(a)(19) of the Act
- (d)  Investment Company registered under Section 8 of the Investment Company Act
- (e)  Investment Advisor in accordance with section 240.13d-1(b)(1)(ii)(E)
- (f)  Employee Benefit Plan or Endowment Fund in accordance with section 240.13d-1(b)(1)(ii)(F)
- (g)  Parent Holding Company or Control Person in accordance with section 13d-1(b)(1)(ii)(G)
- (h)  A savings association as defined in section 3(b) of the Federal Deposit Insurance Act
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940

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Item 4 Ownership

Advisory Research, Inc. and Advisory Research  
Microcap Value Fund, L.P:

- (a) Amount Beneficially Owned: -5188 Shares
- (b) Percent of Class -%
- (c) Number of shares as to which reporting person has:
  - (i) Sole Voting Power 0 Shares
  - (ii) Shared Voting Power -5188 Shares
  - (iii) Sole Dispositive Power 0 Shares
  - (iv) Shared Dispositive Power -5188 Shares

Item 5 Ownership of Five Percent or Less of a Class:  
If this statement is being filed to report the fact  
that as of the date hereof the reporting person has  
ceased to be the beneficial owner of more than five  
percent of the class of securities, check the  
following [ ]

Item 6 Ownership of More than Five Percent on Behalf of  
Another Person: Not Applicable

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 if Members of  
the Group: Not Applicable

Item 9 Notice of Dissolution of Group: Not Applicable

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Item 10 Certification

By signing below I certify that, to the best of my  
knowledge and belief, the securities referred to  
above were acquired and are held in the ordinary  
course of business and were not acquired and are  
not held for the purpose of or with the effect of  
changing or influencing the control of the issuer  
of such securities and were not acquired and are  
not held in connection with or as a participant  
in any transaction having such purposes or effect.

SIGNATURE

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

02/14/2007

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Date

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/s/ Brien M. O'Brien

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Signature

Brien M. O'Brien, President

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Name/Title