

Parmeswar Rajan
Form 4
February 10, 2012

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Parmeswar Rajan

(Last) (First) (Middle)

AETNA INC., 151 FARMINGTON AVENUE

(Street)

HARTFORD, CT 06156

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
AETNA INC /PA/ [AET]

3. Date of Earliest Transaction (Month/Day/Year)
02/08/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

VP/Controller/Chief Acct Off

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	02/08/2012		M	8,523 (1) A (2)	8,523	D	
Common Stock	02/08/2012		F	2,835 (3) D \$ 45.14	5,688	D	
Common Stock	02/08/2012		M	5,652 (4) A (5)	11,340	D	
Common Stock	02/08/2012		F	1,836 (6) D \$ 45.14	9,504	D	
Common Stock					4,483.8875 (7)	I	By 401(k) Plan

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- (3) Represents tax withholding on vesting of previously reported Market Stock Units.
- (4) Represents vesting of previously reported Performance Stock Units granted under the 2000 Stock Incentive Plan.
- (5) Each Performance Stock Unit represents a right to receive up to two shares of Aetna Inc. Common Stock net of taxes.
- (6) Represents tax withholding on vesting of previously reported Performance Stock Units.
- (7) Represents the pro rata portion of the stock portion of Aetna Common Stock Fund held by reporting person on January 31, 2012. The information is based on information provided by the Plan Trustee as of that date.
- (8) Market Stock Units granted under the Aetna Inc. 2000 Stock Incentive Plan.
- (9) Performance Stock Units granted under the Aetna Inc. 2000 Stock Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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