UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): December 17, 2010

AMP HOLDING INC.

(Exact name of registrant as specified in its charter)

Nevada (State or Other Jurisdiction of Incorporation) 000-53704 (Commission File Number) 26-1394771 (IRS Employer Identification Number)

4540 Alpine Avenue, Blue Ash, Ohio 45242 (Address of principal executive offices) (zip code)

513-297-3640 (Registrant's telephone number, including area code)

Copies to: Stephen M. Fleming, Esq. Law Offices of Stephen M. Fleming PLLC 49 Front Street, Suite 206 Rockville Centre, New York 11570 Phone: (516) 833-5034 Fax: (516) 977-1209

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

[] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

[] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

[] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

[] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01 Entry Into A Material Definitive Agreement

Item 3.02 Unregistered Sales of Equity Securities

AMP Holding Inc. (the "Company") from December 3, 2010 through December 17, 2010, has sold an aggregate of 1,070,000 shares of common stock and common stock purchase warrants (the "Warrants") to acquire 535,001 shares of common stock of the Company for an aggregate purchase price of \$642,000 to accredited investors. The Warrants are exercisable for two years at an exercise price of \$0.80. The closings occurred on the following dates:

- On December 3, 2010, the Company sold 586,667 shares of common stock and Warrants to acquire 293,334 shares of common stock for an aggregate consideration of \$352,000.
- On December 17, 2010, the Company sold 483,333 shares of common stock and Warrants to acquire 241,667 shares of common stock for an aggregate consideration of \$290,000.

The shares of common stock and Warrants were offered and sold to the investors in a private placement transaction made in reliance upon exemptions from registration pursuant to Section 4(2) under the Securities Act of 1933 (the "Securities Act") and/or Rule 506 promulgated under the Securities Act. The investors are accredited investors as defined in Rule 501 of Regulation D promulgated under the Securities Act.

In addition, the Company compensated John Carris Investments LLC, as placement agent (the "Placement Agent"), for assisting in the sale of the securities by paying it commissions in the aggregate amount of \$64,200 and issuing the Placement Agent a common stock purchase warrant to purchase 107,000 shares of the Company's common stock at an exercise price of \$.60 per share.

The foregoing information is a summary of each of the agreements involved in the transactions described above, is not complete, and is qualified in its entirety by reference to the full text of those agreements, each of which is attached an exhibit to this Current Report on Form 8-K. Readers should review those agreements for a complete understanding of the terms and conditions associated with this transaction.

Item 9.01 Financial Statements and Exhibits

Exhibit	Description of Exhibit
No.	
4.1	Form of Subscription Agreement by and between AMP Holding Inc. and Accredited Investors (1)

(1) Incorporated by reference to the Form 8-K Current Report as filed with the Securities and Exchange Commission on December 3, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AMP HOLDING INC.

Date: December 21, 2010

By: /s/ Stephen S. Burns

Name: Stephen S. Burns Title: CEO