



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

DIVISION OF  
CORPORATION FINANCE

Mail Stop 3030

September 7, 2017

Jarrett Gorlin  
Chief Executive Officer  
Medovex Corp.  
1950 Airport Road, Suite A  
Atlanta, GA 30341

**Re: Medovex Corp.  
Preliminary Proxy Statement on Schedule PRE 14A  
Filed July 21, 2017 and August 24, 2017  
File No. 001-36763**

Dear Mr. Gorlin:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Amanda Ravitz

Amanda Ravitz  
Assistant Director  
Office of Electronics and Machinery

cc: Arthur S. Marcus, Esq.  
Sichenzia Ross Ference Kesner LLP