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By EDGAR and Federal Express

March 25, 2016

Amanda Ravitz
Assistant Director
U.S. Securities and Exchange Commission
Division of Corporation Finance
100 F Street, NE
Washington, DC 20549

Re: **Tactile Systems Technology, Inc. (the “Company”)**
Amendment No. 1 to
Registration Statement on Form S-1
(Reg. No. 333-209115)

Dear Ms. Ravitz:

On behalf of the Company, we are concurrently filing via EDGAR an Amendment No. 1 (the “*Amendment No. 1*”) to the Registration Statement on Form S-1 filed publicly with the Securities and Exchange Commission on January 25, 2016 (Reg. No. 333-209115) (the “*Original Filing*”).

We have enclosed for your reference two courtesy copies of the Amendment No. 1 marked to show changes from the Original Filing.

Please do not hesitate to call me at (612) 766-8419 if you have any questions or comments regarding the foregoing.

Sincerely,

/s/ Jonathan R. Zimmerman

Jonathan R. Zimmerman

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Enclosures

cc:
Tactile Systems Technology, Inc.
Gerald R. Mattys, Chief Executive Officer
Robert J. Folkes, Chief Operating Officer and Chief Financial Officer

Faegre Baker Daniels LLP
Christine G. Long

Dorsey & Whitney LLP

Jonathan B. Abram

Peter B. Skrief

Grant Thornton LLP

Greg Steiner
