

August 28, 2024

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549-3720  
Attention: Edwin Kim

**Re: Ekso Bionics Holdings, Inc.  
Registration Statement on Form S-1  
File No. 333-281081**

**Acceleration Request**

**Requested Date: August 29, 2024  
Requested Time: 4:30 p.m. Eastern Time**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Ekso Bionics Holdings, Inc. hereby requests that its Registration Statement on Form S-1 (File No. 333-281081) (the "Registration Statement") be declared effective at the "Requested Date" and "Requested Time" set forth above or at such later time as we or our counsel may orally request via telephone call to the staff of the Division of Corporation Finance of the Securities and Exchange Commission. Once the Registration Statement has been declared effective, please orally confirm that event with our counsel, Wilson Sonsini Goodrich & Rosati, P.C., by calling Austin D. March at (512) 338-5410.

Sincerely,

EKSO BIONICS HOLDINGS, INC.

By: /s/ Scott G. Davis  
Scott G. Davis  
Chief Executive Officer

cc: Mark B. Baudler, Wilson Sonsini Goodrich & Rosati  
Austin D. March, Wilson Sonsini Goodrich & Rosati