UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 12,040,553 B1
APPLICATION NO. : 17/175428
DATED : July 16, 2024
INVENTOR(S) : Sriram Jayasimha et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims

Column 14, Line 52, Claim 7:
Now reads: “the planar surface”; should read -- a planar surface --

Column 14, Line 56, Claim 8:
Now reads: “the position sensor”; should read -- a position sensor --

Column 14, Line 63, Claim 10:
Now reads: “for the deformity”; should read -- for a deformity --

Column 14, Line 64, Claim 10:
Now reads: “the planar surface”; should read -- a planar surface --

Column 16, Line 27, Claim 22:
Now reads: “the sensed acceleration.”; should read -- a sensed acceleration. --

Signed and Sealed this
Tenth Day of June, 2025

Coke Morgan Stewart
Acting Director of the United States Patent and Trademark Office