Dear Editor-in-Chief：

We are sincerely sorry to bother you again. Our purpose in writing this letter is to apply for retraction. We submitted a full-length article to "IEEE Transactions on Intelligent Vehicles" on August 16, 2022, with the title "PMNet: Patch-Based Multi-Task Feature Learning on Point Clouds for Autonomous Driving System". The identification number is "T-IV-22-08-0888". Due to negligence, we submitted the wrong version of the manuscript. We hope that whether you can help us to return the submission, we will resubmit the revised manuscript soon. Thank you very much.

Wish all the best.

Kai Zhang