

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

**LISTING OF CLAIMS:**

1. (Currently Amended) An electronic derailleur control system comprising:  
a derailleur configured and arranged to shift from at least a first derailleur position to a second derailleur position;

a gear shift controller operatively coupled to the derailleur to operate the derailleur to shift from the first derailleur position to the second derailleur position during a gear shifting operation; and

a storage device containing at least first stored gear shifting data pertaining to a first gear configuration of a first drive train and second stored gear shifting data pertaining to a second gear configuration of a second drive train that is different from the first drive train, the storage device being operatively coupled to the gear shift controller to selectively provide one of the first and second stored gear shifting data contained in the storage device to the gear shift controller to selectively control the derailleur based on which of the first and second stored gear shifting data is being used.

2. (Original) The electronic derailleur control system according to claim 1, wherein  
the gear shift controller is contained in the derailleur.

3. (Original) The electronic derailleur control system according to claim 2, wherein  
the storage device is contained in the derailleur.

4. (Original) The electronic derailleur control system according to claim 3, further comprising  
a remote user input unit operatively coupled to the derailleur with the remote user input unit being configured to selectively send a gear shifting data selection that instructs the gear shift controller on which of the first and second stored gear shifting data is to be used.

5. (Original) The electronic derailleur control system according to claim 4, wherein

the remote user input unit contains a list of gear shifting selections that correspond to different gear configurations.

6. (Original) The electronic derailleur control system according to claim 1, further comprising

a remote user input unit operatively coupled to the derailleur with the remote user input unit being configured to selectively send a gear shifting data selection that instructs the gear shift controller on which of the first and second stored gear shifting data is to be used.

7. (Original) The electronic derailleur control system according to claim 6, wherein

the remote user input unit contains a list of gear shifting selections that correspond to different gear configurations.

8. (Original) The electronic derailleur control system according to claim 6, wherein

the gear shift controller is contained in the derailleur.

9. (Original) The electronic derailleur control system according to claim 8, wherein

the storage device is contained in the derailleur.

10. (Original) The electronic derailleur control system according to claim 1, wherein

the derailleur includes an electric motor.

11. (Original) The electronic derailleur control system according to claim 1, wherein

the derailleur is a rear derailleur.

12. (Original) The electronic derailleur control system according to claim 1, wherein  
the derailleur is a front derailleur.

13. (Original) The electronic derailleur control system according to claim 1, wherein  
the gear shift controller is configured to selectively control an amount of movement of the derailleur between at least the first and second derailleur positions based on which of the first and second stored gear shifting data is being used.

14. (Currently Amended) A method of setting up a bicycle comprising:  
installing a drive train onto the bicycle that includes a front sprocket arrangement and a rear gear arrangement with a chain selectively engaged with the front sprocket arrangement and the rear gear arrangement;

installing a derailleur configured and arranged to shift from at least a first derailleur position to a second derailleur position to selectively shift the chain;

providing a gear shift controller operatively coupled to the derailleur to operate the derailleur to shift from the first derailleur position to the second derailleur position during a gear shifting operation; and

storing at least a first a plurality of gear spacing data into a storage device, the gear spacing data corresponding to a plurality of drive trains with different axial gear spacings;  
and

selecting one of the plurality of gear spacing data that matches an axial gear spacing of the drive train installed on the bicycle ~~one of the front sprocket arrangement and the rear gear arrangement.~~

15. (Currently Amended) A method of controlling an electronic derailleur of bicycle comprising:

selecting ~~a first one of a plurality of gear spacing configurations stored in a memory,~~  
the gear spacing configurations corresponding to a plurality of drive trains with different axial gear spacings, the selected one of the gear spacing configurations corresponding to an

axial gear spacing of a drive train installed on the bicycle ~~from a plurality of gear configurations stored in a memory;~~ and

operating the electronic derailleur in accordance with the selected ~~first one of the~~ gear spacing configurations such that the operating of the electronic derailleur selectively controls an amount of movement of the electronic derailleur between two derailleur positions based on which of the stored gear spacing configurations has been selected as the selected one of the gear spacing configurations.

16. (Cancelled)