## ABSTRACT OF THE DISCLOSURE

**TITLE: NEUTRALIZING ANTIBODIES AGAINST GDF-8 and BMP-11 AND USES THEREFOR**

The disclosure provides novel antibodies against growth and differentiation factor-8 (GDF-8) and bone morphogenetic protein-11 (BMP-11). In particular, human antibodies and antibody fragments, including those that inhibit GDF-8 or BMP-11 activity *in vitro* and/or *in vivo,* are encompassed. The disclosure also provides methods for making the antibodies and antibody fragments, and methods for diagnosing, preventing, or treating degenerative disorders of muscle or bone, or disorders of insulin metabolism.

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Figure 2