UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD NEVRO CORP. Petitioner v. BOSTON SCIENTIFIC NEUROMODULATION CORP. Patent Owner

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,650,747

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		1.	"A stimulation lead assembly for making a lead, the assembly comprising:"	27	
		2.	"a lead body defining a central lumen extending along the lead body and a plurality of conductor lumens disposed circumferentially around the central lumen and extending along the lead body;"	28	
		3.	"a plurality of electrically conductive contacts disposed along an end of the lead body, wherein a portion of each of the conductor lumens is disposed radially underneath the conductive contacts,"	29	
		4.	"a plurality of conductor wires disposed in the conductor lumens, wherein at least one of the conductor wires is		



		electrically connected to each conductive contact, wherein each conductor lumen comprises an occupied portion within which at least one of the conductor wires is disposed and an unoccupied portion in which none of the conductor wires is disposed, the unoccupied portion extending from an end of the conductor lumen; and"	
	5.	"a solid, non-conductive material disposed, at least in part, radially underneath the conductive contacts and filling the unoccupied portion of at least one of the conductor lumens,"	'.3 6
	6.	"wherein the non-conductive material is thermally fused with the lead body from heat applied to the lead assembly, which heat is at a temperature to cause the non-conductive material to thermally reflow or melt."	4 4
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	1.	"A stimulation lead assembly for making a lead, the assembly comprising:"	56	
	2.	"a lead body defining a central lumen extending along the lead body and a plurality of conductor lumens disposed circumferentially around the central lumen and extending along the lead body;"	56	
	3.	"a plurality of electrically conductive contacts disposed along an end of the lead body, wherein a portion of each of the conductor lumens is disposed radially underneath the conductive contacts;"	57	
	4.	"a plurality of conductor wires disposed in the conductor lumens, wherein at least one of the conductor wires is electrically connected to each conductive contact; and"	57	



	5.	"a solid, non-conductive material disposed, at least in part, radially underneath the conductive contacts within portions of the conductor lumens not occupied by conductor wire."	57
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	1.	"The lead assembly of claim 11,"	58
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