No.	Claim Term/Phrase	Patent/Claims	Jawbone's Preliminary	Additional
			Construction	Intrinsic Evidence
1	"acoustic noise"	'072 Patent Claims 1, 2, and 9 '091 Patent Claims 1, 10, 11 and 17	"unwanted environmental acoustic noise"	'072 Patent, 3:36- 40, 13:64-67, 14:19-23, 17:38- 46; 18:22-34, 19:45-47, 23:64- 24:25, 24:40-56. '091 Patent, Abstract, 8:57-59, 9:59-67, 10:49-67, 11:25-39, 11:51- 12:6, 12:58-13:3, 13:12-20.
2	"virtual microphone array"	'072 Patent Claim 1	Plain and ordinary meaning. Alternatively: "group of two or more virtual microphones"	'072 Patent, Abstract, FIGS. 6- 10, 15, 2:38-48, 3:23-26, 4:1-14, 10:44-12:52, 22:24-28:3.



No.	Claim Term/Phrase	Patent/Claims	Iowhono's Proliminary	Additional
140.	Ciaim Term/Fiirase	1 atent/Cianns	Jawbone's Preliminary	
			Construction	Intrinsic Evidence
3	"a signal processor coupled with	'357 Patent	Plain and ordinary meaning	'357 Patent at FIG.
	the first and second microphone	Claim 1	except for "transfer	1, 6:11-8:61, 9:22-
	signals and operative to apply		function"	35, 16:47-17:62
	a varying linear transfer function			
	between the first and second			
	microphone signals"			
4	"a processing component	'080 Patent	Plain and ordinary meaning	'080 Patent at
	applying a varying linear transfer	Claim 14	except for "transfer	FIGS. 1-2, 2:26-33,
ĺ	function between the acoustic		function"	4:52-8:12, 15:48-
	signals"			16:45.
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No.	Claim Term/Phrase	Patent/Claims	Jawbone's Preliminary	Additional
			Construction	Intrinsic Evidence
5	"response to [speech/noise]"/"linear response to [speech/noise]"	'357 Patent Claims 1, 15, and 17 '080 Patent Claims 1 and 14 '691 Patent Claims 1, 3, 4, 5, 6, 7, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 41, 42, 43, 44, and 45	"output [in response to speech/noise]"/"output of a linear system [in response to speech/noise]"	'357 Patent at Abstract, FIGS. 9- 22, 2:54-3:19, 3:24-42, 11:40- 17:62. '080 Patent at Abstract, FIGS. 9- 15, 2:52-3:11, 8:54-57, 9:22-43, 9:46-13:17. '691 Patent at Abstract, FIGS. 9- 22, 2:41-67, 11:30- 14:19.
6	"an adaptive noise removal application coupled to and generating"	'080 Patent Claim 1	Plain and ordinary meaning	'080 Patent at FIG. 1, 2:26-27, 4:52- 7:16, 22:35-43, 22:46-50, 24:34- 39, 25:45-47, 26:64-66, 27:42- 44.



No.	Claim Term/Phrase	Patent/Claims	Jawbone's Preliminary	Additional
110.		Tutont Claims	Construction	Intrinsic Evidence
7	"an adaptive noise removal application generating denoised output signals by forming a plurality of combinations by filtering and summing the plurality of combinations and by a varying linear transfer function between the plurality of combinations"	'080 Patent Claim 1	Plain and ordinary meaning except for "transfer function"	'080 Patent at FIG. 1, 2:26-27, 3:49- 67, 4:52-7:16, 7:39-51, 7:66-8:12
8	"microphone"	'543 Patent Claims 1 and 26	Plain and ordinary meaning	'543 Patent at Abstract, FIGS. 1, 1A, 1B, 2, 5:18- 7:26, 9:13-60 17:25-28.
9	"the one receiver"	'058 Patent Claim 1	Plain and ordinary meaning Alternatively, with respect to "receiver": "microphone that receives the acoustic signals"	'058 Patent at Abstract, Claim 1, FIGS. 1-4, 1:23-33, 2:61-3:9, 5:46- 8:31.



No.	Claim Term/Phrase	Patent/Claims	Jawbone's Preliminary	Additional
110.	Ciaini 101111/1111 asc	Tutong Claims	Construction	Intrinsic Evidence
10	"the two receivers"	'058 Patent Claim 1	Plain and ordinary meaning Alternatively, with respect to "receiver": "microphones that receive the acoustic signals"	'058 Patent at Abstract, Claim 1, FIGS. 1-4, 1:23-33, 2:61-3:9, 5:46- 8:31.
11	"the VAD"	'091 Patent Claims 1 and 2	Plain and ordinary meaning	'091 Patent at Abstract, FIGS. 1- 2, 5-7B, 3:3-5:38, 7:46-13:20.

