IN THE UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS WACO DIVISION

PARKERVISION, INC., Plaintiff -v-	§ § 6-20-CV-00870 §
HISENSE CO., LTD., HISENSE VISUAL TECHNOLOGY CO., LTD. Defendants	
PARKERVISION, INC., Plaintiff	§ 6-20-CV-00945
-V-	8
TCL INDUSTRIES HOLDINGS CO., LTD., TCL ELECTRONICS HOLDINGS LTD., SHENZHEN TCL NEW TECHNOLOGY CO., LTD., TCL KING ELECTRICAL APPLIANCES (HUIZHOU) CO., LTD., TCL MOKA INT'L LTD., TCL MOKA MANUFACTURING S.A. DE C.V. Defendants	70000000000000000000000000000000000000

SPECIAL MASTER'S RECOMMENDED CLAIM CONSTRUCTIONS

The undersigned held a *Markman* hearing on October 27, 2021, during which, the undersigned provided the constructions he planned to recommend to the court. The undersigned now formally enters those recommended claim constructions ("Recommendations"). The undersigned will, as soon as is practicable, enter a full Report and Recommendation explaining the basis for these Recommendations. The deadlines for the parties' objections to the Recommendations are based on the entry of the full Report and Recommendation, and not these Recommendations.



SIGNED this 29th day of October, 2021.

JOSHUA J. YI, Ph.D.

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I. Level of ordinary skill in the art

Plaintiff's Proposal	Defendants' Proposal	Special Master's l
(i) a Bachelor of Science degree in	At least an undergraduate degree in	A Bachelor of Science
electrical or computer engineering (or a	electrical engineering or a related subject	engineering (or an eq
related academic field), and at least two 2	and two or more years of experience in	at least two additiona
additional years of experience in the	the fields of communication systems,	in the design and dev
design and development of radio	signal processing and/or RF circuit design	frequency circuits and
frequency circuits and/or systems or (at	Less work experience may be	experience may be co
least five 5 years of experience and	compensated by a higher level of	higher level of educat
training in the design and development of	education, such as a master's degree	master's degree.
radio frequency circuits and/or systems		

II. Disputed constructions

Note: The Court previously construed the shaded terms in ParkerVision v. Intel (6-20-cv-00108 and 6-20-cv-0050)

Term	Plaintiff's Proposed	Defendants' Proposed	Spo
	Construction	Construction	Recomm
#1: "low impedance load"	Plain and ordinary meaning	Indefinite	Not indefi ordinary n
U.S. Patent No. 9,246,736, Claims 26, 27; 9,444,673, Claim 5			
Proposed by TCL			



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Term	Plaintiff's Proposed	Defendants' Proposed	Spe
	Construction	Construction	Recomm
#2: "said energy discharged from said capacitor provides sufficient power to drive the low impedance load"	Plain and ordinary meaning	Indefinite	Not indefi ordinary n
U.S. Patent No. 9,444,673, Claim 5 Proposed by TCL			

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Term	Plaintiff's Proposed	Defendants' Proposed	Spe
	Construction	Construction	Recomm
#3: "Storage" terms	Energy storage element /	"an apparatus that stores non-	Energy st
	storage element: "an element	negligible amounts of energy	storage el
U.S. Patent No. 6,049,706,	of an energy transfer system	from the carrier signal."	of an ener
Claims 105, 114, 115, 164,	that stores nonnegligible		that stores
166, 168, 175, 179, 186, 190;	amounts of energy from an	(all terms are indefinite under	amounts o
U.S. Patent No. 6,580,902,	input electromagnetic signal	ParkerVision's proposed	input elect
Claim 1; U.S. Patent No.	for driving a low impedance	constructions)	
7,110,444, Claim 3; U.S.	load."		Energy st
Patent No. 7,292,835, Claims			storage m
1, 18, 20; U.S. Patent No.	Energy storage module /		an energy
8,588,725, Claims 1, 6, 17, 18,	storage module: "a module of		stores non
19; U.S. Patent No. 8,660,513,	an energy transfer system that		of energy
Claim 19; U.S. Patent No.	stores nonnegligible amounts		electromag
9,118,528, Claims 1, 9; U.S.	of energy from an input		
Patent No. 9,246,736, Claims	electromagnetic signal for		Energy st
1, 11, 21, 26, 27; U.S. Patent	driving a low impedance load.		device of
No. 9,444,673, Claims 13, 17,			system that
18	Energy storage device: "a		nonneglig
	device of an energy transfer		energy fro
Proposed by ParkerVision	system that stores		electromag
	nonnegligible amounts of		
	energy from an input		
	electromagnetic signal for		
	driving a low impedance load."		



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