**IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF GEORGIA ATLANTA DIVISION**

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|---|---|
| HISENSE USA CORPORATION,<br><br>Plaintiff,<br><br>v.<br><br>BRIGHTPLUS VENTURES LLC,<br><br>Defendant. | Civil Action No.: 1:22-cv-02774-TCB<br><br>**Jury Trial Demanded** |
| BRIGHTPLUS VENTURES LLC,<br><br>Counter-Claim Plaintiff<br><br>v.<br><br>HISENSE USA CORPORATION, HISENSE CO. LTD., HISENSE INTERNATIONAL (HK) CO. LTD., HISENSE VISUAL TECHNOLOGY CO., LTD., and TVS REGZA CORPORATION,<br><br>Counter-Claim Defendants. | Civil Action No.: 1:22-cv-02774-TCB<br><br>**Jury Trial Demanded** |

**JOINT CLAIM CONSTRUCTION STATEMENT**

Pursuant to Local Patent Rule 6.3 and this Court's Scheduling Order, Declaratory Judgment Plaintiff Hisense USA Corporation and Counter-Claim

Defendants Hisense USA Corporation, Hisense International (HK) Co. Ltd., and Hisense Visual Technology Co., Ltd., and TVS Regza Corporation (unless otherwise noted, collectively "Hisense") and Defendant / Counter-Claim Plaintiff Brightplus Ventures LLC ("Brightplus"), hereby provide this Joint Claim Construction Statement.

(1) Brightplus alleges infringement of the following claims (collectively, "the Asserted Claims") of U.S. Patent No. 7,690,812 ("'812 Patent"); U.S. Patent No. 7,872,705 ("'705 Patent"); U.S. Patent No. 8,177,382 ("'382 Patent"); U.S. Patent No. 8,294,075 ("'075 Patent"); U.S. Patent No. 8,330,710 ("'710 Patent"); U.S. Patent No. 8,941,331 ("'331 Patent"); U.S. Patent No. 9,605,835 ("'835 Patent"); U.S. Reissued Patent No. RE42,598 ("'598 Patent") and U.S. Patent No. RE45,796 ("'796 Patent") (collectively, "the Asserted Patents"):

| | **Asserted Patent** | **Asserted Claim(s)** |
|---|---|---|
| 1 | '812 Patent | 1, 2, 4, 5, 6, 12, 15, 18, 21 |
| 2 | '705 Patent | 1, 5, 6, 9, 11, 13, 14, 16, 17, 22, 28, 32 |
| 3 | '382 Patent | 1, 13, 17, 18 |
| 4 | '075 Patent | 1, 2, 3, 5, 6, 7, 10, 12 |
| 5 | '710 Patent | 1, 2, 5, 12, 13, 16, 17, 47, 48 |
| 6 | '331 Patent | 17, 18, 20 |
| 7 | '835 Patent | 1, 3, 5, 8, 9, 11, 13, 14 |
| 8 | RE42,598 | 46, 47, 48 |
| 9 | RE45,796 | 46, 47, 48, 49, 50, 53 |

(1) The parties agree to the following construction of the below-identified claim terms:

| Term # | Claim Term | Agreed Construction |
|---|---|---|
| US 7872705 | | |
| 705 | "plurality"<br>('705 claim 1) | two or more |
| US 8330710 | | |
| 710 | "means for generating a feedback signal"<br>('710 claim 12) | Means-Plus-Function:<br>Function: generating a feedback signal.<br>Structure: The means can include performance sensors, such as thermal sensors and color sensors, among others. |

(2) The parties have identified twelve (12) claim terms in dispute. The claim terms and the parties' respective constructions for each of those claim terms are below:

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| US 8,294,075 | | | |
| 4075.1 | "the reflector sheet, the diffuser sheet and brightness enhancement film | the entirety of each of the reflector sheet, diffuser sheet, and brightness enhancement film is | Plain and ordinary meaning.<br>In the alternative, "the reflector sheet, the diffuser sheet and |

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| | extend and are arranged parallel to the principal plane of the lighting panel" \| "extend … parallel to the principal plane"<br>('075 claims 1 and 17) | not generally curved, and the entirety of each is parallel to the principal plane of the lighting panel | brightness enhancement film are positioned parallel to the main display plane of the lighting panel" |
| 4075.2 | "on"<br>('075 claims 1 and 17; claims 1 and 18) | directly on the other element or intervening elements may be present | directly on, or on with intervening elements present |
| US 9,605,835 | | | |
| 835.1 | "on"<br>('835 claims 1 and 18)<br>**The parties agree that claim terms 4075.2 and 835.1 are identical and will be briefed together.** | directly on the other element or intervening elements may be present | directly on, or on with intervening elements present |
| US 7690812 | | | |
| 812.1 | "configured to conform to a shape of a protruding | the reflector sheet overlays (e.g., by deformation), and has the same shape, outline, or contour of a protruding | Plain and ordinary meaning.<br><br>In the alternative, "reflector sheet that |

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| | feature" \| "reflector sheet configured to conform to a shape of a protruding feature on the [solid state lighting] tile"<br>('812 claims 1 and 15) | feature | provides cover and relief for a shape of a protruding feature on the [solid state lighting] tile" |
| US 8941331 | | | |
| 331.1 | "a first light and a second light"<br>('331 claim 17) | first and second light have different wavelengths | Plain and ordinary meaning.<br>In the alternative, "[at least a first string of solid state lighting devices configured to emit] a first light, and [a second string of solid state lighting devices configured to emit] a second light" |
| 331.2 | "a pulse width modulation (PWM) controller that is coupled to the first current supply circuit and the second current supply circuit and | A PWM controller generates two PWM signals.<br><br>The PWM signals are pulse width modulated signals | Plain and ordinary meaning.<br>In the alternative, a "PWM control signal" means a "signal that controls pulse width modulation" |

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| | that is configured to generate, for each of the first current supply circuit and the second current supply circuit, a first PWM control signal and a second PWM control signal that are supplied to the each of the at least first and second strings"<br>('331 claim 17) | and not frequency modulated.<br><br>Both PWM signals generated by the PWM controller are supplied to the first string.<br><br>Both PWM signals generated by the PWM controller are supplied to the second string.<br><br>The same signal (current or voltage) spaced apart in time are not different signals. | A "PWM controller" means a "controller that affects the width of pulses."<br><br>"Current supply circuit" means "circuit that supply current."<br><br>"Coupled" means "connected directly or through intervening elements." |
| US 7872705 | | | |
| 705.1 | "waveguide element"<br>('705 claim 1) | An element designed to confine and direct light to the whole panel using internal reflection. | light spreading element |

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| 705.2 | "light entry regions"<br>('705 claim 1) | openings in a physical device that allow light to enter the device so that it can be guided (confined and directed by reflection) | regions for receiving light |
| RE42,598 | | | |
| 598.1 | "arranged face-to-face" \| "Face-to-face"<br>('598 claim 46) | Indefinite.<br>Alternatively, "front face of one bar is stacked against the back face of another bar in a direction perpendicular to the array of LCD devices" | Plain and ordinary meaning<br>In the alternative, "aligned widthwise or lengthwise in a plane" |
| 598.2 | "congruent to the planar array of LCD devices"<br>('598 claim 46) | having the same size and shape as the planar array of LCD devices | positioned to cover substantially the same area as the planar array of LCD devices |
| RE45,796 | | | |
| 796.1 | "the plurality of solid metal block bars being connected end-to-end"<br>('796 claim 46) | An end of each of the plurality of bars is physically connected to an end of at least one adjoining bar | Plain and ordinary meaning<br>In the alternative, "the plurality of solid metal block bars being connected such that one end of a solid metal |

| Term # | Claim Term | Hisense's Proposed Construction | Brightplus's Proposed Construction |
|---|---|---|---|
| | | | block bar is positioned next to an end of another solid metal block bar" |
| 796.2 | "including mating surfaces therebetween" ('796 claim 46) | The surfaces at the end of the bars that are in contact | including surfaces for joining as a pair |

*See* Exhibits 1 and 2 for each party's respective proposed constructions of the disputed terms together with an identification of all references from the specification or prosecution history that support that construction, and an identification of any extrinsic evidence known to the party on which it intends to rely either to support its proposed construction of the claim or to oppose any other party's proposed construction of the claim.

(3) The parties anticipate that the length of time necessary for the Claim Construction Hearing will be approximately three hours.

(4) Neither Hisense nor Brightplus proposes to call any live witnesses at the Claim Construction Hearing. Hisense may rely on a written declaration of an expert in support of its positions and the parties have agreed to a process for disclosing said opinions and a deposition of the expert during the claim

construction discovery period.

Dated: May 22, 2023

Respectfully submitted,

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**CERTIFICATE OF SERVICE**

I hereby certify that on May 22, 2023, I caused the foregoing document to be electronically filed with the Clerk of Court using the CM/ECF system, which automatically sends email notification of such filing to the following attorneys of record:

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