

Exhibit B

Joint Claim Construction Chart – Agreed Terms and Constructions

Claim Terms	Plaintiff's Proposed Construction	Defendant's Proposed Construction	Court's Construction
<p>1. "a dinitrile compound"</p> <p>Appears in Claims: <u>1</u>, 2, 12, 16, 20, 21 ('910 Patent); <u>1</u>, 4-5, 14, 17 ('131 Patent).</p> <p><u>Language of Disputed Claims:</u></p> <p>['910] <u>1</u>. An electrolyte, comprising a dinitrile compound, a trinitrile compound, and propyl propionate, wherein, based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, a weight percentage of the trinitrile compound is Y and a weight percentage of the propyl propionate is Z; wherein,</p> <p>about $2.2 \text{ wt } \% \leq (X+Y) \leq \text{about } 8 \text{ wt } \%$,</p> <p>about $0.1 \leq (X/Y) \leq \text{about } 2.3$,</p> <p>$5 \text{ wt } \% \leq Z \leq 20 \text{ wt } \%$ or $30 \text{ wt } \% \leq Z \leq 50 \text{ wt } \%$, and</p> <p>about $0.02 \leq (Y/Z) \leq \text{about } 0.3$;</p> <p>wherein the dinitrile compound is one or more compounds selected from the group consisting of butanedinitrile, adiponitrile, ethylene glycol bis(2-cyanoethyl) ether, and 1,4-dicyano-2-butene; and the trinitrile compound is one or more compounds selected from the group consisting of 1,3,6-</p>	[Agreed]	[Agreed]	"a compound with two cyano groups"

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<p>hexanetricarbonitrile , 1,2,6-hexanetricarbonitrile and 1,2,3-tris(2-cyanoethoxy)propane;</p> <p>wherein the electrolyte further comprises a compound having a sulfur-oxygen double bond.</p> <p>[131] 1. An electrochemical device, comprising: an electrode; and an electrolyte comprising a dinitrile compound, a trinitrile compound, and propyl propionate; wherein,</p> <p>based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, and a weight percentage of the trinitrile compound is Y; wherein,</p> <p>about $2 \text{ wt \%} \leq (X+Y) \leq \text{about } 8 \text{ wt \%}$, and about $0.1 \leq (X/Y) \leq \text{about } 6$; wherein,</p> <p>the electrode comprises a current collector, a single-sided coating and a double-sided coating; a first part of the current collector is provided with the single-sided coating and a second part of the current collector is provided with the double-sided coating; and an electrode compaction density of the electrode corresponding to the first part with the single-sided coating is D1, and, an electrode compaction density of the electrode corresponding</p>			

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to the second part with the double-sided coating is D2, wherein, about $0.8 \leq D1/D2 \leq$ about 1.2; wherein based on the total weight of the electrolyte, a weight percentage of the propyl propionate is Z; wherein, about $0.01 \leq (Y/Z) \leq$ about 0.3; wherein the trinitrile compound is one selected from the group consisting of 1,3,5-pentanetricarbonitrile; 1,2,3-propanetrinitrile; 1,3,6-hexanetricarbonitrile; 1,2,6-hexanetricarbonitrile; 1,2,3-tris(2-cyanoethoxy)propane; 1,2,4-tris(2-cyanoethoxy)butane; 1,1,1-tris(cyanoethoxymethylene)ethane; 1,1,1-tris(cyanoethoxymethylene)propane; 3-methyl-1,3,5-tris(cyanoethoxy)pentane; 1,2,7-tris(cyanoethoxy)heptane; 1,2,6-tris(cyanoethoxy)hexane; 1,2,5-tris(cyanoethoxy)pentane; and any combination thereof.			
<p>2. "a trinitrile compound"</p> <p><u>Appears in Claims:</u> 1, 2, 12, 16, 20, 21 ('910 Patent); 1, 6, 14 ('131 Patent).</p> <p><u>Language of Disputed Claims:</u></p> <p>['910] 1. An electrolyte, comprising a dinitrile compound, a trinitrile compound, and propyl</p>	[Agreed]	[Agreed]	"a compound with three cyano groups"

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<p>propionate, wherein, based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, a weight percentage of the trinitrile compound is Y and a weight percentage of the propyl propionate is Z; wherein,</p> <p>about $2.2 \text{ wt } \% \leq (X+Y) \leq \text{about } 8 \text{ wt } \%$,</p> <p>about $0.1 \leq (X/Y) \leq \text{about } 2.3$,</p> <p>$5 \text{ wt } \% \leq Z \leq 20 \text{ wt } \% \text{ or } 30 \text{ wt } \% \leq Z \leq 50 \text{ wt } \%$, and</p> <p>about $0.02 \leq (Y/Z) \leq \text{about } 0.3$;</p> <p>wherein the dinitrile compound is one or more compounds selected from the group consisting of butanedinitrile, adiponitrile, ethylene glycol bis(2-cyanoethyl) ether, and 1,4-dicyano-2-butene; and the trinitrile compound is one or more compounds selected from the group consisting of 1,3,6-hexanetricarbonitrile, 1,2,6-hexanetricarbonitrile and 1,2,3-tris(2-cyanoethoxy)propane;</p> <p>wherein the electrolyte further comprises a compound having a sulfur-oxygen double bond.</p> <p>[131] 1. An electrochemical device, comprising: an electrode; and an electrolyte comprising a dinitrile compound, a</p>			

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<p>trinitrile compound, and propyl propionate; wherein,</p> <p>based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, and a weight percentage of the trinitrile compound is Y; wherein,</p> <p>about $2 \text{ wt \%} \leq (X+Y) \leq \text{about } 8 \text{ wt \%}$, and about $0.1 \leq (X/Y) \leq \text{about } 6$; wherein,</p> <p>the electrode comprises a current collector, a single-sided coating and a double-sided coating; a first part of the current collector is provided with the single-sided coating and a second part of the current collector is provided with the double-sided coating; and an electrode compaction density of the electrode corresponding to the first part with the single-sided coating is D1, and, an electrode compaction density of the electrode corresponding to the second part with the double-sided coating is D2, wherein, about $0.8 \leq D1/D2 \leq \text{about } 1.2$; wherein based on the total weight of the electrolyte, a weight percentage of the propyl propionate is Z; wherein, about $0.01 \leq (Y/Z) \leq \text{about } 0.3$; wherein the trinitrile compound is one selected from the group consisting of 1,3,5-pentanetricarbonitrile; 1,2,3-propanetrinitrile; 1,3,6-hexanetricarbonitrile; 1,2,6-hexanetricarbonitrile; 1,2,3-tris(2-</p>			

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cyanoethoxy)propane; 1,2,4-tris(2-cyanoethoxy)butane; 1,1,1-tris(cyanoethoxymethylene)ethane; 1,1,1-tris(cyanoethoxymethylene)propane; 3-methyl-1,3,5-tris(cyanoethoxy)pentane; 1,2,7-tris(cyanoethoxy)heptane; 1,2,6-tris(cyanoethoxy)hexane; 1,2,5-tris(cyanoethoxy)pentane; and any combination thereof.			
<p>3. "is one selected from the group consisting of ... and any combination thereof"</p> <p><u>Appears in Claims:</u> <u>1</u>, 12, 20 ('910 Patent); <u>1</u>, 5, 10, 14, 17 ('131 Patent).</p> <p><u>Language of Disputed Claims:</u></p> <p>['910] <u>1</u>. An electrolyte, comprising a dinitrile compound, a trinitrile compound, and propyl propionate, wherein, based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, a weight percentage of the trinitrile compound is Y and a weight percentage of the propyl propionate is Z; wherein,</p> <p>about 2.2 wt %$\leq$(X+Y)$\leq$about 8 wt %,</p> <p>about 0.1$\leq$(X/Y)$\leq$about 2.3,</p>	[Agreed]	[Agreed]	The dinitrile/trinitrile compounds in the electrolyte consist of only the named compounds and no others.

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<p>5 wt %$\leq$Z$\leq$20 wt % or 30 wt %$\leq$Z$\leq$50 wt %, and about 0.02$\leq$(Y/Z)$\leq$about 0.3;</p> <p>wherein the dinitrile compound is one or more compounds selected from the group consisting of butanedinitrile, adiponitrile, ethylene glycol bis(2-cyanoethyl) ether, and 1,4-dicyano-2-butene; and the trinitrile compound is one or more compounds selected from the group consisting of 1,3,6-hexanetricarbonitrile , 1,2,6-hexanetricarbonitrile and 1,2,3-tris(2-cyanoethoxy)propane;</p> <p>wherein the electrolyte further comprises a compound having a sulfur-oxygen double bond.</p> <p>[131] 1. An electrochemical device, comprising: an electrode; and an electrolyte comprising a dinitrile compound, a trinitrile compound, and propyl propionate; wherein,</p> <p>based on a total weight of the electrolyte, a weight percentage of the dinitrile compound is X, and a weight percentage of the trinitrile compound is Y; wherein,</p>			

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<p>about 2 wt %$\leq(X+Y)\leq$about 8 wt %, and about 0.1$\leq(X/Y)\leq$about 6; wherein,</p> <p>the electrode comprises a current collector, a single-sided coating and a double-sided coating; a first part of the current collector is provided with the single-sided coating and a second part of the current collector is provided with the double-sided coating; and an electrode compaction density of the electrode corresponding to the first part with the single-sided coating is D1, and, an electrode compaction density of the electrode corresponding to the second part with the double-sided coating is D2, wherein, about 0.8$\leq D1/D2\leq$about 1.2; wherein based on the total weight of the electrolyte, a weight percentage of the propyl propionate is Z; wherein, about 0.01$\leq(Y/Z)\leq$about 0.3; wherein the trinitrile compound is one selected from the group consisting of 1,3,5-pentanetricarbonitrile; 1,2,3-propanetrinitrile; 1,3,6-hexanetricarbonitrile; 1,2,6-hexanetricarbonitrile; 1,2,3-tris(2-cyanoethoxy)propane; 1,2,4-tris(2-cyanoethoxy)butane; 1,1,1-tris(cyanoethoxymethylene)ethane; 1,1,1-tris(cyanoethoxymethylene)propane; 3-methyl-1,3,5-tris(cyanoethoxy)pentane; 1,2,7-tris(cyanoethoxy)heptane; 1,2,6-tris(cyanoethoxy)hexane; 1,2,5-tris(cyanoethoxy)pentane; and any combination</p>			

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thereof.			
<p>4. "the positive plate"/"the negative plate"</p> <p><u>Appears in Claims:</u> 1, 9, 17, 20-22 ('498 Patent).</p> <p><u>Language of Disputed Claims:</u></p> <p>['498] 1. A lithium-ion battery, comprising: a positive electrode comprising a positive current collector and a positive electrode active material layer containing $\text{LiCoO}_{2.2}$, wherein the positive electrode active material layer is formed on the positive current collector, the positive electrode active material layer being provided with a first recess accommodating a positive lead being coupled with the positive current collector; a negative electrode comprising a negative current collector and a negative electrode active material layer containing graphite or silicon, wherein the negative electrode active material layer is formed on the negative current collector, the negative electrode active material layer being provided with a second recess accommodating a negative lead being coupled with the negative current collector; a separator disposed between the positive electrode and the negative electrode; and an electrolyte, wherein, a top surface of the positive lead is provided with a first insulating glue layer, a surface</p>	[Agreed]	[Agreed]	"the positive electrode"/"the negative electrode"

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of the positive electrode active material layer opposite to the second recess across the separator in a thickness direction of the positive plate and the negative plate is pasted with a second insulating glue layer, the second insulating glue layer has a width larger than a width of the second recess, and the second insulating glue layer has a length larger than a length of the second recess.			
5. all "wherein" clauses (all Asserted Claims)	[Agreed]	[Agreed]	Limiting