

**Attachment B-20**

**Invalidity Claim Chart for U.S. Patent No. 12,015,376**

**Reference: Korean Patent No. KR101428689B1 (“Kim”)**

**Prior Art Status:** Kim was filed on January 7, 2014, granted and published on August 11, 2014. The '376 Patent was filed on November 29, 2023, and claims priority to provisional patent application No. 62/047,773 filed on September 9, 2014. Based upon Applicant’s disclosure in U.S. provisional patent application No. 62/047,773, one of ordinary skill would not have understood the named inventor of U.S. Patent No. 12,015,376 (the “’376 Patent”) to be in possession of the purported inventions of the ’376 Patent as of September 9, 2014. Instead, the purported inventions of the ’376 Patent are at best entitled to a priority date of September 9, 2015, when the specification of the ’376 Patent was disclosed in U.S. Pat. Appl. No. 14/849,458, to the extent the specification of the ’376 Patent provide a written description for, and enable, the asserted claims of the ’376 Patent. Therefore, Kim is prior art under at least 35 U.S.C. §§ 102(a)(1), (a)(2).

<b>Element</b>	<b>U.S. Patent No. 12,015,376 Claim Limitation</b>	<b>Korean Patent No. KR101428689B1 (“Kim”)</b>
<b>Claim 1</b>		
<b>1[pre]</b>	A lead assembly for electrically coupling one or more drop lines to a feeder cable, the lead assembly comprising:	<p><b>To the extent the preamble may be construed to be limiting, Kim discloses this limitation. For example:</b></p> <p>[Abstract] The present invention relates to an apparatus and a method for connecting cables, and is characterized by including a plurality of cables having at least two thicknesses, a conductive portion for compressing and sealing the coated cable core portions, and a sealing portion for sealing the core region of the cable and a method of connecting the cable.</p> <p>[0006] A plurality of cables having at least two thicknesses according to the present invention, a conductive part for compressing and sealing the coated cable core parts, and a sealing part for sealing the core area of the cable.</p>

Element	U.S. Patent No. 12,015,376 Claim Limitation	Korean Patent No. KR101428689B1 (“Kim”)
	the lead assembly further comprises a second drop line and a second drop line connector;	
20[e]	the first drop line connector connects to the first central trunk;	<i>See claim 12[d] above.</i>
20[f]	the first drop line connector and the first drop line electrically couple the first solar array to the feeder cable;	<i>See claim 12[e] above.</i>
20[g]	the second drop line connector connects to the second central trunk; and	<i>See claim 12[f] above.</i>
20[h]	the second drop line connector and the second drop line electrically couple the second solar array to the feeder cable.	<i>See claim 12[g] above.</i>