

Exhibit A – Joint Claim Construction Chart for U.S. Patent Nos. 9,070,133, 9,098,855, and 10,846,729

Disputed Terms for Construction:

Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations:⁴
1	scan / scanning / scanned '133 Patent: 1, 11, 17, 25, 30, 33 '855 Patent: 1, 32, 49, 51, 53, 54, 57	No construction necessary.	'133 Patent, 1:53-59, 5:10-32, 8:26-30, 9:57-61, 11:26-30; FIG. 8A at 816, FIG. 9B at 908. '855 Patent, 6:32-54, 9:48-52, 11:12-16, 12:48-52, 14:20-37, 17:47-51, 18:43-48, 21:59-67; FIG. 8A at 816, FIG. 9B at 908, FIG. 13 at 1302. '729 Patent, 2:23-27, 8:54-9:11, 12:7-11, 13:42-47, 15:13-18, 16:51-17:2, 20:16-20, 21:15-20, 24:28-36; FIG. 8A at 816, FIG. 9B at 908, FIG. 13 at 1302, FIG. 23 at 2304. '133 FH, Amendment/Response, Jan. 25, 2011 at 4, 21, 26 (Ex. E).	"optically [scan / scanning / scanned] using a barcode reader"	133 patent: 1:53-2:14, 4:8-34, 5:4-32, 6:7-12, 6:37-40, 7:10-21, 7:49-54, 8:17-30, 8:63-9:5, 9:57-10:4, 10:27-33, Fig. 1, Fig. 3A, Fig. 6, Fig. 8, Fig. 9 855 patent: 5:29-36, 6:26-54, 7:29-63, 8:32-55, 9:4-14, 9:29-52, 10:21-31, 13:10-13, 14:33-37, 17:38-51, Fig. 1, Fig. 3A, Fig. 6, Fig. 8, Fig. 9, Fig. 13 Ex. E (12/17/2012 Supplemental Amendment (133 File History))

⁴ Although not explicitly stated, the intrinsic record citations should be understood to include each claim identified for the term.

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
			Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		
2	retail store / retail business '133 Patent: 1, 11, 17, 25, 30, 33 '855 Patent: 1, 32, 49, 51, 53, 54, 57 '729 Patent: 1, 10, 16	No construction necessary.	'133 Patent, 1:38-2:14, 3:42-45; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928. '855 Patent, 1:45-46, 4:30-34, 4:64-5:1, 16:39-46, 16:57-61, 17:40-42, 17:56-65, 19:41-20:19, 21:67-22:3, 27:58-28:6; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26-28. '729 Patent, 4:49-54, 7:17-22, 19:7-14,	“a brick-and-mortar retail [store / business]”	133 patent: 3:20-60, 4:31-61, 6:7-61, 8:7-65, 10:5-42, Fig. 1, Fig. 8, Fig. 9 855 patent: 4:40-58, 7:29-8:3, 12:8-25, 16:15-67, 18:29-42, 20:15-23, Fig. 1, Fig. 8, Fig. 9, Fig. 10, Fig. 11, Fig. 12, Fig. 13, Fig. 15 729 patent: 1:38-62, 6:60-7:36, 7:50-8:48, 11:55-12:47, 16:51-17:5, 18:49-19:47, 20:7-65, 37:7-38:67, 39:51-40:28, 41:29-44 Fig. 1, Fig. 8, Fig. 9, Fig. 10, Fig. 11, Fig. 12, Fig. 13, Fig. 15, Fig. 22, Fig. 26

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
			19:24-29, 20:9-11, 20:26-35, 22:11-55, 24:36-40, 30:31-49, 39:60-63, 40:1-3; 40:36-40, 41:34-51, 45:49-57, 46:29-31, 47:24-26, 47:59-61, 48:56-57, 49:32-34, 50:25-27, 50:64-67, 51:60-62; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26-28. '133 FH, NOA, May 22, 2015, pages 2-4 (Ex. E). Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		
3	validating / validated / validation / validate	No construction necessary.	'133 Patent, 1:5-8, 1:45-52, 1:60-2:5, 2:60-65, 3:9-13, 3:20-60, 4:40-54, 6:16-41, 7:25-	“[Determining / determined / determination of / determine]	133 patent: 2:60-66, 3:6-22, 4:46-54, 6:20-48, 7:10-33, 8:48-55,

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
	'133 Patent: 11 '855 Patent: 1, 32, 33, 49, 51, 53, 54, 57 '729 Patent: 1, 10, 16		27, 8:26-50, 9:11-26, 10:5-27; FIGS. 6-9, FIG. 12, FIG. 14. '855 Patent, 1:14-16, 1:50-2:36, 4:5-11, 4:23-27, 4:40-5:15, 5:62-6:9, 7:38-63, 8:47-49, 9:52-10:5, 10:31-48, 11:27-48, 15:31-42, 17:12-19, 19:3-6, 27:43-48, 27:58-61, 28:22-25; FIGS. 6-9, FIG. 12, FIG. 14. '729 Patent, Abstract, 1:19-24, 1:57-62, 2:23-47, 2:57-3:1, 3:25-32, 6:3-9, 6:42-46, 6:60-7:36, 8:16-31, 9:64-10:22, 11:6-8, 12:11-32, 12:55-13:9, 13:58-14:12, 17:63-18:8, 19:48-55, 21:42-45, 30:15-21, 30:31-36, 30:65-67, 31:50-57, 32:4-13, 32:30-33:16, 33:30-48, 33:63-34:20, 34:34-44, 35:1-21, 35:35-47, 36:35-37, 36:59-61, 37:42-53,	whether the purchase requirements of the [coupon/incentive/etc.] have been met"	9:19-27, 10:23-27, Fig. 8 855 patent: 2:4-36, 6:1-16, 7:42-50, 7:55-63, 8: 47-55, 10:3-5, 10:41-49, 15:40-45, Fig. 8, Fig. 12 729 patent: 8:23-39, 10:14-29, 11:4-14, 12:30-38, 17:42-18:17, 34:34-67, 40:42-50, 46:4-38, Fig. 8, Fig. 12, Fig. 26, Fig. 27

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
			38:24-41, 39:9-18, 39:51-40:2, 40:29-48, 41:15-24, 41:39-44, 41:52-42:9, 42:16-43:30, 44:34-58, 45:66-46:56, 47:27-29, 47:50-64, 48:1-14, 48:59-61, 49:24-52, 50:28-30, 50:58-51:18, 51:63-65; FIGS. 6-9, FIG. 12, FIG. 14, FIGS. 23-24, FIG. 26-28. '133 FH, NOA, May 22, 2015, pages 2-4 (Ex. E). Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		
4	real time '855 Patent: 11, 35 '729 Patent: 3	No construction necessary.	'855 Patent, Abstract, 1:33-46, 2:49-61, 4:36-39, 7:23-28, 10:62-64, 11:27-12:25, 13:31-51, 13:61-14:19, 15:10-51, 16:39-17:11, 17:56-28, 20:37-42, 21:59-22:28,	“during or immediately after completion of a purchase without delay and not on a scheduled basis”	133 patent: 2:60-3:19, 4:31-40, 6:1-61, 7:30-33, 10:34-11:2 855 patent: 2:49-61, 4:5-39, 7:29-38, 8:4-16, 8:32-55, 11:56-64,

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations ⁴
			22:34-44, 25:41-44, 27:37-57; FIGS. 11-16. '729 Patent, Abstract, 1:19-24, 1:57-62, 6:56-59, 9:48-53, 13:22-26, 13:58-14:56, 15:62-16:16, 16:26-50, 17:43-18:15, 19:8-64, 20:26-65, 23:7-12, 24:28-65, 25:4-15, 28:13-17, 30:9-31, 38:47-52, 40:62-67, 41:15-28, 44:59-65, 48:41-52, 48:62-49:5; FIGS. 11-16, FIG. 24, FIG. 27, FIG. 28. Petitions and Expert Declarations in IPR2024-01324 (Ex. J at 5, Ex. K at ¶ 52) and -01325 (Ex. L at 4, Ex. M at ¶ 62.		12:8-25, 13:31-51, 15:46-51, 22:34-44, 27:38-42, Fig. 12, Fig. 13, Fig. 14 729 patent: 6:3-59, 11:11-14, 14:21-56, 15:50-16:50, 18:8-48, Fig. 12, Fig. 13, Fig. 14, Fig. 23 Ex. E (6/24/2011 Remarks (133 File History))
5	remote / located remotely / location that is remote '133 Patent: 1, 11, 17, 25, 30, 33	Not indefinite.	'133 Patent, 1:38-2:14, 3:42-45; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928.	Indefinite; if not indefinite: centrally located / centralized location	Ex. E (6/24/2011 Remarks (133 File History)); 4/9/2015 Remarks (133 File History))

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
	'855 Patent: 1, 32 49, 51, 53, 54, 57 '729 Patent: 1, 10, 16		'855 Patent, 1:45-46, 4:30-34, 4:64-5:1, 16:39-46, 16:57-61, 17:40-42, 17:56-65, 19:41-20:19, 21:67- 22:3, 27:58-28:6; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26- 28. '729 Patent, 4:49-54, 7:17-22, 19:7-14, 19:24-29, 20:9-11, 20:26-35, 22:11-55, 24:36-40, 30:31-49, 39:60-63, 40:1-3; 40:36-40, 41:34-51, 45:49-57, 46:29-31, 47:24-26, 47:59-61, 48:56-57, 49:32-34, 50:25-27, 50:64-67, 51:60-62; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26-28.		

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			'133 FH, NOA, May 22, 2015, pages 2-4 (Ex. E). Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		
6	point-of-sale terminal / POS terminal / terminal '133 Patent: 1, 11, 17, 25, 30, 33 '855 Patent: 1, 32, 49, 51, 53, 54, 57 '729 Patent: 1, 10, 16	No construction necessary.	'133 Patent, 1:38-2:14, 3:42-45; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928. '855 Patent, 4:30-34, 4:64-5:1, 16:39-46, 16:57-61, 17:40-42, 17:56-65, 19:41-20:19, 21:67-22:3, 27:58-28:6; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26-28.	"a terminal installed at a checkout location in a brick-and-mortar retail store or business that is used to complete in-store purchase transactions"	133 patent: 3:20-31, 4:7-61, 8:7-9:42, Fig. 1, Fig. 8 855 patent: 2:37-61, 4:40-5:15, 5:53-6:16, 8:32-55, 9:29-10:64, 12:59-13:17, 15:10-51, 16:31-17:11, 17:38-18:28, Fig. 1, Fig. 8, Fig. 9, Fig. 10, Fig. 11, Fig. 12, Fig. 13, Fig. 21 729 patent: 41:34-44

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
			'729 Patent, 4:49-54, 7:17-22, 19:7-14, 19:24-29, 20:9-11, 20:26-35, 22:11-55, 24:36-40, 30:31-49, 39:60-63, 40:1-3; 40:36-40, 41:34-51, 45:49-57, 46:29-31, 47:24-26, 47:59-61, 48:56-57, 49:32-34, 50:25-27, 50:64-67, 51:60-62; FIG. 1 at 102, FIG. 2A, FIG. 2B, FIG. 6, FIG. 8A at 818, 824, FIG. 9B at 910, 914, 920, 922, 928, FIGS. 10-24, FIGS. 26-28. '133 FH, NOA, May 22, 2015, pages 2-4 (Ex. E). Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations ⁴
7	the apparatus / apparatus (preamble) '133 Patent: 17, 25, 30, 33	No construction necessary; preamble is not limiting	'133 Patent: 1:38-2:14, 3:6-60, 6:7-48, 6:63-11:36, 13:62-16:57; FIG. 1, FIGS. 6-9. Petition and Expert Declaration in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56).	“[the] single device that is at a centralized location” (preamble is limiting)	133 patent: 1:60-2:8, 2:60-3:60, 4:8-61, 6:7-48, 7:16-19, 9:2-42, 9:57-4 729 patent: 47:50-67 Ex. E (4/9/2015 Remarks (133 File History))
8	the processor / processor (preamble) '133 Patent: 17, 25 '855 Patent: 49, 51, 53 '729 Patent: 10	No construction necessary; preamble is not limiting	'133 Patent, 3:31-60, 10:43-11:2. '855 Patent, 4:52-5:15. '729 Patent, 7:7-36, 14:29-56. Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).	“[the] single processor” (preamble is limiting)	133 patent: 3:20-60 855 patent: 2:37-3:2, 4:40-5:15 729 patent: 4:5-48, 6:60-7:36, 47:50-67
9	where the unique account identifier was scanned at the first point-of-sale	Not indefinite.	'133 Patent, 11:57-12:22, 13:62-14:23, 15:43-16:13.	Indefinite under <i>IPXL</i>	[See Terms 1, 2, 6] Ex. E (12/17/2012 Supplemental

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
	terminal / the first coupon or incentive related information having been input to a terminal in the retail business / where the promotion request message is scanned at the POS terminal located at a retail store '133 Patent: 1, 17, 30 '855 Patent: 49, 53 '729 Patent: 10, 16		'855 Patent, 31:64-32:21, 32:56-33:8, '729 Patent, 53:41-54:14, 54:47-55:19 Petitions and Expert Declarations in IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).		Amendment (133 File History))
10	Order of steps '133 patent: All claims '855 patent: All claims '729 patent: All claims	The order of steps is not limiting.	'133 Patent, 11:57-16:57. '855 Patent, 28:37-34:37 '729 Patent, 52:34-56:22. Petitions and Expert Declarations in	The steps and/or operations of the claimed apparatus/systems must occur or be performed in the sequence that they are presented in the claims.	[See Terms above] Ex. E (4/9/2015 Remarks (133 File History))

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Term (Issue)	Claim Term/claims	Inmar Proposed Construction	Inmar's Intrinsic Evidence Citations	Quotient Proposed Construction	Quotient's Intrinsic Evidence Citations. ⁴
			IPR2024-01323 (Ex. H at 3-4, Ex. I at ¶ 56), -01324 (Ex. J at 5, Ex. K at ¶ 52), and -01325 (Ex. L at 4, Ex. M at ¶ 62).	Nonlimiting examples: 133 Patent Claim 1: 1[c] [scanning] 1[a] [receiving] 1[e] [determining] 1[f] [transmitting] 1[g][a] [updating] 1[g][b] [transmitting] 855 Patent Claim 1: 1[e] [scan] then [transmit] 1[f] [transmit] 1[g] [validate] then [transmit] 855 Patent Claim 32: 32[a] [scanning] 32[b] [transmitting] 32[c] [validating] then [receiving] 729 Patent Claim 1: 1[a] [input] then [receiving] 1[b] [validating] 1[c] [transmitting] 1[d] [redemption] then [receiving]	

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				1[e] determining 1[f] storing 729 Patent Claim 10: 10[a] [input] then [receive] 10[b] [validate] 10[c] [transmit] 10[d] [redemption] then [receive] then [determine] 10[e] [store]	
11	'855 Patent: • 23, 38 (the retailer server) • 14, 17, 20 (the ICN POS bridge software) • 27 (the redemption data stored in the ICN database) • 29 (the ICN coupon or incentive processing server)	Not indefinite.	'855 Patent, 28:37-29:5, 29:38-41, 17:50-55, 29:60-63, 30:3-5, 30:14-30, 30:38-31:13, 31:27-40, 31:48-53. '729 Patent, 53:41-54:20, 54:41-46. Petitions and Expert Declarations in IPR2024-01324 (Ex. J at 5, Ex. K at ¶ 52) and -01325 (Ex. L at 4, Ex. M at ¶ 62).	Indefinite for lack of antecedent basis.	[See Terms above]

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	45 (the POS terminal) 37 (validating) 41, 42 (clearing the processed coupon or incentive information) '729 Patent: 11, 15 (the apparatus)				