IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF FLORIDA

Case No. 1:22-cv-22706-RNS

BELL NORTHERN RESEARCH, LLC,

        Plaintiff

v.

HMD AMERICA, INC.; HMD GLOBAL OY;
SHENZHEN CHINO-E COMMUNICATION
CO., LTD.; HON HAI PRECISION
INDUSTRY CO., LTD; TINNO MOBILE
TECHNOLOGY CORP.; SHENZHEN
TINNO MOBILE CO., LTD.; TINNO USA,
INC.; UNISOC TECHNOLOGIES CO., LTD.;
SPREADTRUM COMMUNICATIONS USA,
INC.; WINGTECH TECHNOLOGY CO.;
LTD.; WINGTECH INTERNATIONAL,
INC.; BEST BUY CO., INC.; BEST BUY
STORES L.P.; TARGET CORP.; WALMART
INC.

        Defendants.

JURY TRIAL DEMANDED

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JOINT CLAIM CONSTRUCTIONS AND PREHEARING STATEMENT

Pursuant to Paragraph 1 of the Third Amended Scheduling Order, Order of Referral to

Mediation, Patent Rules, and Protective Order (ECF No. 223 at 2) and Patent Rule 4-3 (*id.* at 16–

17), Plaintiff Bell Northern Research, LLC ("BNR") and Defendants HMD America, Inc., HMD

Global Oy, Best Buy Co., Inc., Best Buy Stores L.P., Target Corp., and Walmart Inc. (collectively,

"Defendants") submit their Joint Claim Construction and Prehearing Statement regarding the

asserted claims of U.S. Patent No. 8,204,554 ("the '554 patent"), U.S. Patent No. 7,319,889 ("the

'889 patent"), U.S. Patent No. RE 48,629 ("the '629 patent"), U.S. Patent No. 8,416,862 ("the '862

patent"), U.S. Patent No. 7,564,914 ("the '914 patent"), U.S. Patent No. 7,957,450 ("the '450 patent"), U.S. Patent No. 6,941,156 ("the '156 patent"), U.S. Patent No. 6,696,941 ("the '941 patent"), U.S. Patent No. 6,693,129 ("the '129 patent"), U.S. Patent No. 6,858,930 ("the '930 patent"), U.S. Patent No. 8,396,072 ("the '072 patent"), and U.S. Patent No. 8,792,432 ("the '432 patent").

I.   P.R. 4-3(a) Agreed Terms

Pursuant to Patent Rule 4.3(a), the parties set forth below "[t]he construction of those terms on which the parties agree."

Term	Agreed Construction
"substantially concurrently" '889 patent: 1, 8 '554 patent: 7, 13	"essentially at the same time"
"initiating an outgoing wireless telephone call or receiving an incoming wireless telephone call" '889 patent: 1, 8	The claim must perform as recited by the claim language both when a call is initiated and when a call is received.
"performed an action to initiate an outgoing call or to answer an incoming call" '554 patent: 1, 8, 14	The claim must perform as recited by the claim language both when a call is initiated and when a call is received.
"detecting the existence of an initiated-call condition or an answered-call condition" '554 patent: 8	The claim must perform as recited by the claim language both when a call is initiated and when a call is received.

"thermal epoxy" '930 patent: 5	Plain and ordinary meaning
"the telephone call is a wireless telephone call" '889 patent: 1, 8	Plain and ordinary meaning
"adhesive" '129 patent: 1	Plain and ordinary meaning

For the following terms, the parties agree that 35 U.S.C. § 112(6) applies, and agree to the associated structure and function for each term[1]:

Term	Agreed Construction
"remotely triggering means" '941 patent: 10, 12, 15	Preamble is limiting. Term should be treated under § 112(6). **Function**: triggering an alarm on a mobile wireless device from a remote location. **Structure**: a telephone remote from the wireless mobile device; public service telephone network infrastructure and/or wireless network infrastructure; data signal comprising an alarm PIN; mobile wireless device comprising: an antenna; a speaker, display, and/or vibrator; processor; memory; alarm PIN memory; alarm PIN detection module; and algorithms necessary to trigger an alarm on a mobile wireless device from a remote location.
"means for receiving an alarm trigger signal…" '941 patent: 10	Term should be treated under § 112(6). **Function**: receiving a data signal comprising an alarm PIN by the mobile wireless device. **Structure**: a telephone remote from the wireless mobile device; public service

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[1] The parties, however, dispute whether these terms are definite under 35 U.S.C. § 112(6), as set forth below.

	telephone network infrastructure and/or wireless network infrastructure; data signal comprising an alarm PIN; mobile wireless device comprising: an antenna; processor; memory; and algorithms necessary to receive a data signal and isolate the alarm PIN from the data signal.
"means for triggering a sensory output…" '941 patent: 10	Term should be treated under § 112(6). **Function**: triggering a sensory output on the mobile wireless device. **Structure**: data signal comprising an alarm PIN; mobile wireless device comprising: a speaker, display, and/or vibrator; processor; memory; alarm PIN memory; alarm PIN detection module; and algorithms necessary to trigger a sensory output on the mobile wireless device based on the received alarm trigger signal.
"means for preventing a current holder…" '941 patent: 10	Term should be treated under § 112(6). **Function**: preventing a current holder of the mobile wireless device from stopping the sensory output unless an alarm PIN is manually entered by the holder into the mobile wireless device. **Structure**: a mobile wireless device comprising: a speaker, display, and/or vibrator; a user-input device, processor; memory; alarm PIN memory; alarm PIN detection module; and algorithms necessary to prevent a current holder of the mobile wireless device from stopping the sensory output unless an alarm PIN is manually entered by the holder into the mobile wireless device.

II.   P.R. 4-3(b) Disputed Terms

Pursuant to Patent Rule 4.3(b), the parties set forth below "[e]ach party's proposed construction of each disputed term[.]" "[A]n 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 or to oppose any other party's proposed construction" is attached hereto as

Exhibit A.

Term	Plaintiff's Proposed Construction	Defendants' Proposed Construction
"operatively coupled" '629 patent: 1, 20, 27	No construction necessary; plain and ordinary meaning.	"operatively connected, wherein the connected components are distinct from one another"
"blocks" '072 patent: 1	No construction necessary; plain and ordinary meaning.	"multiple bits that are transmitted as a unit"
"package" '930 patent: 1, 2, 5, 6	No construction necessary; plain and ordinary meaning.	"more than one chip arranged in a single structure with connections to mount on a printed circuit board"
"broadcast indication" '432 patent: 9, 12	No construction necessary; plain and ordinary meaning.	"at least one bit broadcast by an access node"
"requesting modification of a transmission mode for subsequent received data in transmitted response messages comprising said feedback information" '914 patent: 13, 17, 12	No construction necessary; plain and ordinary meaning.	"requesting response messages comprising feedback information about the transmission mode to be utilized for subsequent received data (e.g., by a receiving a mobile station)," otherwise indefinite.
"channel estimate" '914 patent: 13, 17, 21 "channel estimate	No construction necessary; plain and ordinary meaning.	"one or more matrices that is, or are, the estimates of the values of H(t)"

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