UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HUAWEI DEVICE CO., LTD. and LG ELECTRONICS, INC.,
Petitioners

v.

UNILOC LUXEMBOURG S.A.,
Patent Owner

U.S. Patent No. 8,724,622

TITLE: SYSTEM AND METHOD FOR INSTANT VOIP MESSAGING

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,724,622
CLAIMS 3, 6-8, 10, 11, 13, 14-23, 27-35, 38, 39

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4. Overview of Appelman (Ex. 1004) 17

B. Ground 1: Claims 3, 6-8, 10, 11, 13, 18-21, 23, 27, 32-35, and 38 Are Obvious Over Zydney + Shinder 19

1. Claim 3 (Independent) 19

(a) "A system comprising:" (Preamble, Claim 3) 19

(b) "a network interface connected to a packet-switched network;" (Claim 3[a]) 19

(i) "a network interface" 19

(ii) "…connected to a packet-switched network;" 24

(c) "a messaging system communicating with a plurality of instant voice message client systems via the network interface; and" (Claim 3[b]) 25

(d) "a communication platform system maintaining connection information for each of the plurality of instant voice message client systems indicating whether there is a current connection to each of the plurality of instant voice message client systems," (Claim 3[c]) 29

(e) "wherein the messaging system receives an instant voice message from one of the plurality of instant voice message client systems, and" (Claim 3[d]) 31

(f) "wherein the instant voice message includes an object field including a digitized audio file." (Claim 3[e]) 32

(iii) "object field" 32

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(iv) "digitized audio file" 34

2. Claim 6 (Dependent): "The system according to claim 3, wherein the instant voice message includes an identifier field including a unique identifier associated with the instant voice message." 34

3. Claim 7 (Dependent): "The system according to claim 3, wherein the instant voice message includes a source field including a unique identifier associated with at least one of a given one of the plurality of instant voice message client systems that created the instant voice message and a given one of the plurality of users using the given one of the plurality of instant voice message client systems." 36

4. Claim 8 (Dependent): "The system according to claim 3, wherein the instant voice message includes a destination field including a unique identifier associated with at least one of a given one of the plurality of instant voice message client systems identified as a recipient of the instant voice message and a given one of the plurality of users using the given one of the plurality of instant voice message client systems." 39

5. Claim 10 (Dependent): "The system according to claim 3, further comprising: a message database storing the instant voice messages received from the instant voice message client systems." 40

6. Claim 11 (Dependent) 41

(a) "The system according to claim 3, wherein, upon receipt of an instant voice message, the communication platform system determines if there is the current connection to one of the plurality of instant voice message client systems

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identified as a recipient of the instant voice message," 41

(b) "and if there is no connection with the one of the plurality of instant voice message client system identified as the recipient, the instant voice message is stored and delivered when the one of the plurality of instant voice message client systems identified as the recipient re-established a connection." 43

7. Claim 13 (Dependent) 44

(a) "The system according to claim 3, wherein each of the instant voice message client systems comprises an instant voice messaging application…" 44

(b) "… [an instant voice messaging application] generating an instant voice message and transmitting the instant voice message over the packet-switched network to the messaging system." 45

8. Claim 18 (Dependent): "The system according to claim 13, wherein the instant voice messaging application includes an audio file creation system creating an audio file for the instant voice message based on input received via an audio input device coupled to the client device." 46

9. Claim 19 (Dependent): "The system according to claim 13, wherein the instant voice messaging application includes an encryption/decryption system for encrypting the instant voice messages to be transmitted over the packet-switched network and decrypting the instant voices [sic] messages received over the packet-switched network." 47

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