

APPLE INC.
v.
VOIP-PAL.COM, INC.

Case IPR2016-01201 (Patent 8,542,815)
Case IPR2016-01198 (Patent 9,179,005)

**Voip-PAL's Demonstratives
For Oral Hearing**

Judge Josiah C. Cocks
Judge Jennifer Meyer Chagnon
Judge John A. Hudalla

Patents 8,542,815 and 9,179,005

(12) **United States Patent**
Perreault et al.

(10) **Patent No.:** US 8,542,815 B2
(45) **Date of Patent:** Sep. 24, 2013

(54) **PRODUCING ROUTING MESSAGES FOR VOICE OVER IP COMMUNICATIONS**

(58) **Field of Classification Search**
CPC H04M 1/573; H04M 1/5733/00
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS

4,916,491 A 4/1990 Katoh
4,992,971 A 2/1991 Hayashi
(Continued)

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(54) **PRODUCING ROUTING MESSAGES FOR VOICE OVER IP COMMUNICATIONS**

(75) Inventors: **Clay Perreault**, Panama City (PA); **Steve Nicholson**, Hamilton (NZ); **Rod Thomson**, North Vancouver (CA); **Johan Emil Viktor Bjorsell**, Vancouver (CA); **Fuad Arafa**, Vancouver (CA)

(73) Assignee: **Digifonica (International) Limited**, Vancouver (CA)

(56) **References Cited**
U.S. PATENT DOCUMENTS

4,916,491 A 4/1990 Katoh
4,992,971 A * 2/1991 Hayashi 717/140
(Continued)

Related U.S. Application Data

(60) Provisional application No. 60/856,212, filed on Nov. 2, 2006.

Related U.S. Application Data

(63) Continuation of application No. 2007/010007, now Pat. No. 8,542,815.

(60) Provisional application No. 60/856,212, 2006.

Ex. 1001 (IPR2016-01201)

Ex. 1001 (IPR2016-01201)

Patents Chu '366 and Chen

(12) **United States Patent**
Chu

(10) **Patent No.:** **US 8,036,366 B2**
(45) **Date of Patent:** **Oct. 11, 2011**

(54) **INTELLIGENT FORMATTING OF VOIP TELEPHONE NUMBERS**

(75) Inventor: **Lon-Chan Chu**, Redmond, WA (US)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1406 days.

(21) Appl. No.: **11/462,540**

(22) **Filed:** **Aug. 4, 2006**

(65) **Prior Publication Data**
US 2008/0043718 A1 **Feb. 21, 2008**

6,999,458 B2 2/2006 Fowler

(19) **United States**
(12) **Patent Application Publication**
Chen et al.

(10) **Pub. No.:** **US 20060043718 A1**
(43) **Pub. Date:** **Feb. 21, 2008**

(54) **COMMUNICATION METHOD FOR PLACING PHONE CALLS BY USING A FIXED DIAL PLAN**

(76) Inventors: **Zoneson Chen**, Cupertino, CA (US);
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(22) **Filed:** **Sep. 14, 2005**

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H04M 1/00 (2006.01)
H04M 3/00 (2006.01)

(52) **U.S. Cl.**

(57) **ABSTRACT**

A communication method dials phone numbers and includes the following steps: receiving a first dialing number from a user; determining whether the first dialing number is a valid phone number; if not a valid phone number, selecting a PSTN gateway is selected according to the first dialing number. A first detection step is performed to determine whether the first dialing number is a valid phone number. If not a valid phone number, a second dialing number is generated by adding an international dialing code to the first dialing number. Other steps include: removing the first dialing number from the first dialing number and a final processing step to transform the second dialing number into a final dialing number. Finally, the final dialing number is used to dial the PSTN gateway. A communication apparatus for performing the above method is also disclosed.

Ex. 1004 (IPR2016-01201)
Ex. 1007 (IPR2016-01198)

Ex. 1005 (IPR2016-01198)

Patents 8,542,815 and 9,179,005

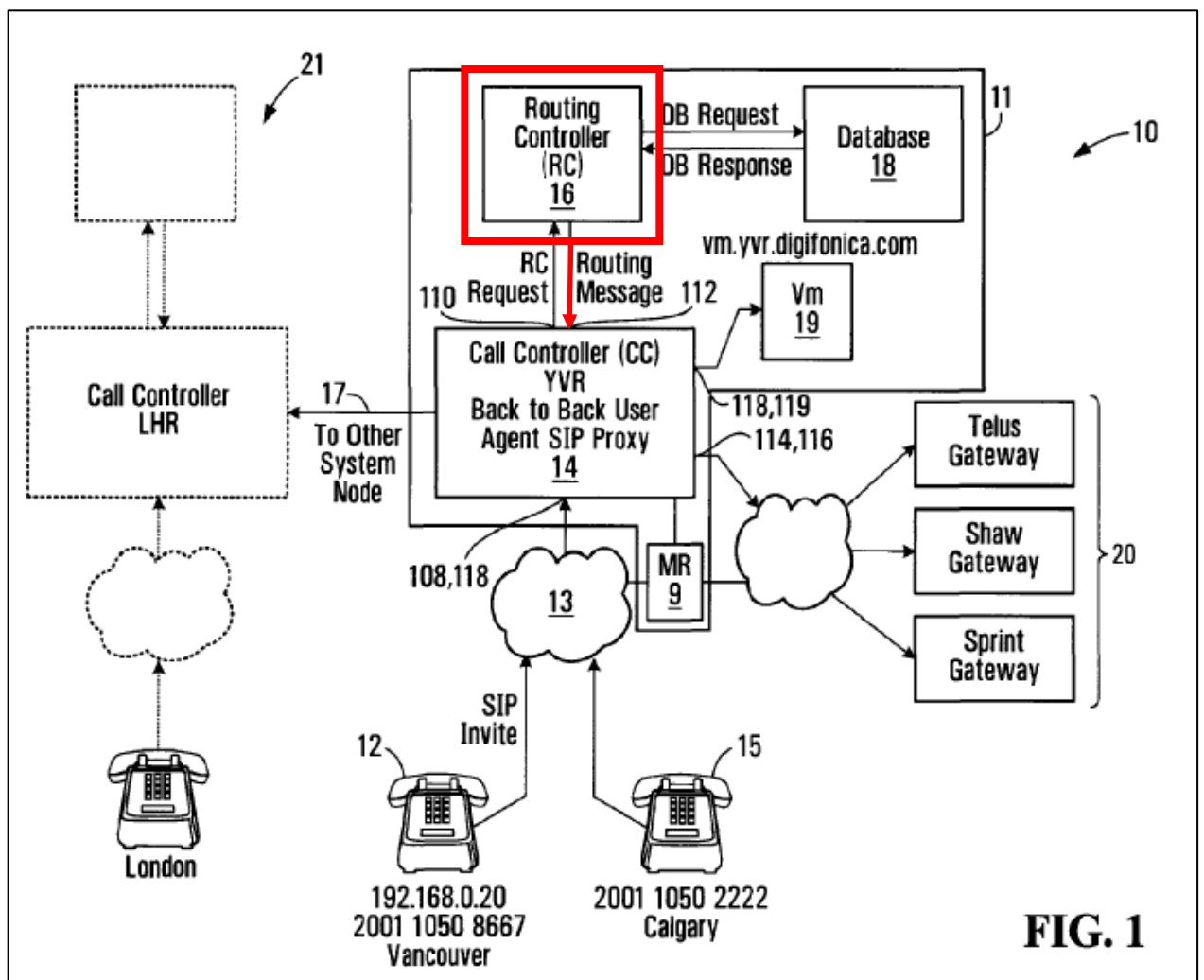


FIG. 1

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