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(54) **METHOD AND APPARATUS FOR CONFIGURING RADIO ACCESS FUNCTIONALITY OF A WIRELESS COMMUNICATION UNIT**

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Publication Classification

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(51) **Int. Cl.**
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(52) **U.S. Cl.** **455/419**

(21) **Appl. No.:** **13/500,528**

(57) **ABSTRACT**

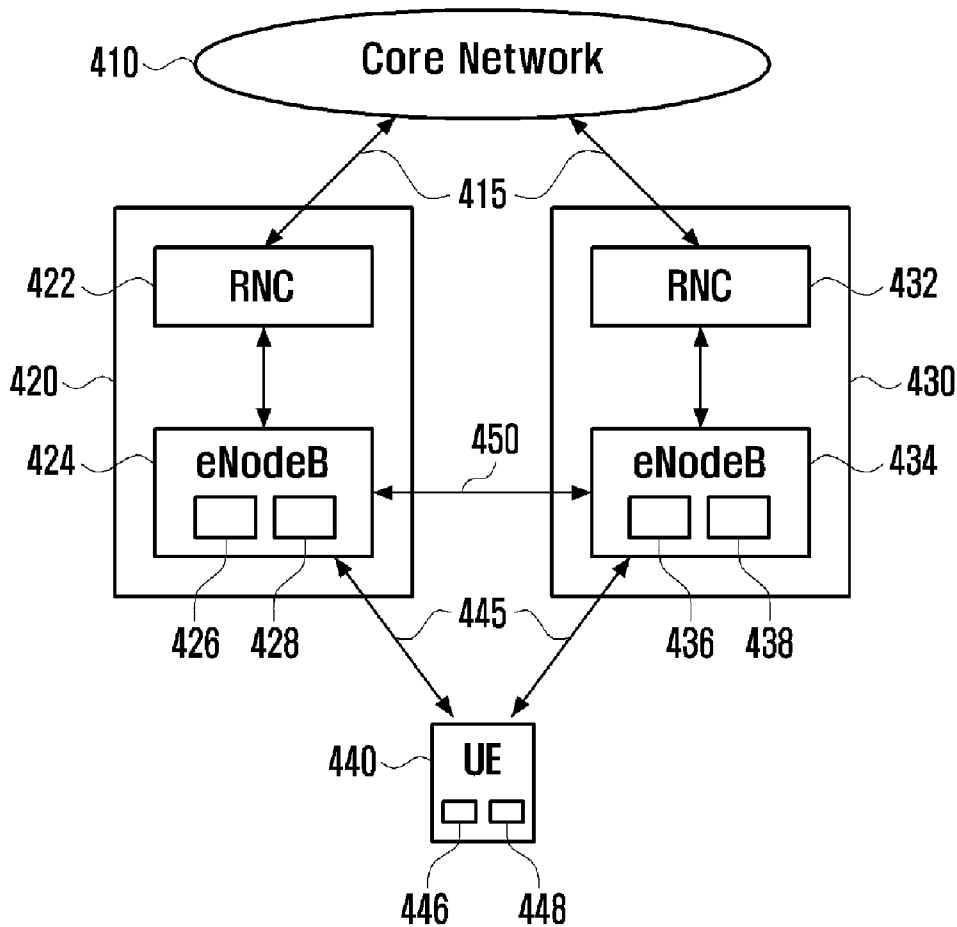
(22) **PCT Filed:** **Oct. 1, 2010**

A method for configuring radio access functionality of a wireless communication unit within a wireless communication network, the method comprising sending to the wireless communication unit an indication of a required radio access protocol version to which the wireless communication unit is to be reconfigured.

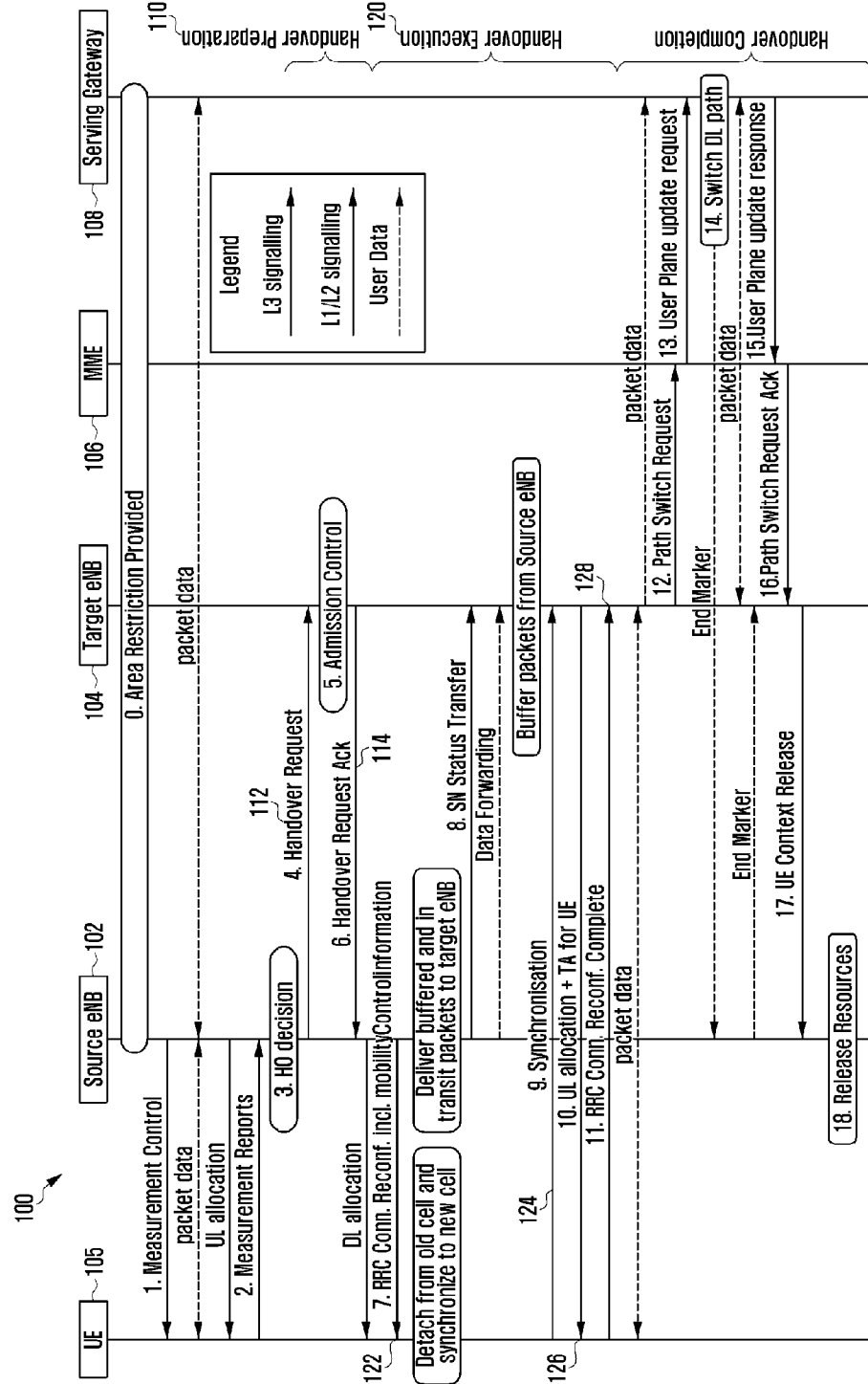
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§ 371 (c)(1),
(2), (4) **Date:** **Apr. 5, 2012**

400



[Fig. 1]



[Fig. 2]

200

```

- Extract from TS 36.331, 6.2.2: Message definitions
RRCConnectionReconfiguration ::= SEQUENCE {
  rrc-TransactionIdentifier RRC-TransactionIdentifier,
  criticalExtensions CHOICE {
    c1
      rrcConnectionReconfiguration-r8 RRCConnectionReconfiguration-r8-IEs,
      spare7 NULL,
      spare6 NULL, spare5 NULL, spare4 NULL,
      spare3 NULL, spare2 NULL, spare1 NULL
    },
  criticalExtensionsFuture SEQUENCE {}
}

RRCConnectionReconfiguration-r8-IEs ::= SEQUENCE {
  measConfig MeasConfig
  mobilityControlInfo MobilityControlInfo
  dedicatedInfoNASList SEQUENCE (SIZE(1..maxDRB)) OF
    DedicatedInfoNAS
  radioResourceConfigDedicated RadioResourceConfigDedicated
  securityConfigHO SecurityConfigHO
  nonCriticalExtension SEQUENCE {}
}

```

210

220

OPTIONAL, -- Need ON
OPTIONAL, -- Cond HO

OPTIONAL, -- Cond HO-toEUTRA
OPTIONAL, -- Cond HO
OPTIONAL, -- Need OP

230

[Fig. 3]

300

```

- Extract from TS 36.331, 6.3: RRC information elements
RadioResourceConfigDedicated ::= SEQUENCE {
  srb-ToAddModList          SRB-ToAddModList
  drb-ToAddModList          DRB-ToAddModList
  drb-ToReleaseList         DRB-ToReleaseList
  mac-MainConfig            CHOICE {
    explicitValue           MAC-MainConfig,
    defaultValue           NULL
  }
  sps-Config                SPS-Config
  physicalConfigDedicated  PhysicalConfigDedicated
  ...
}

```

310

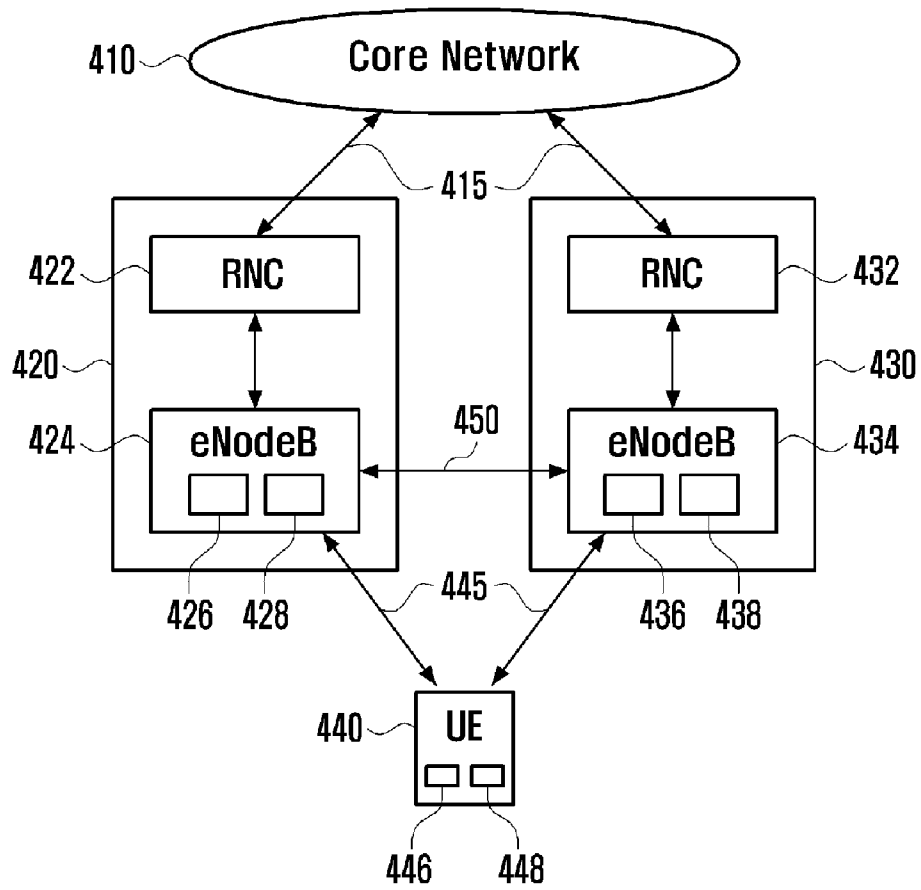
```

OPTIONAL,
OPTIONAL,
OPTIONAL,
-- Cond HO-Conn
-- Cond HO-toEUTRA
-- Need ON
-- Cond HO-toEUTRA2
-- Need ON
-- Need ON

```

[Fig. 4]

400



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