(19) (KR)
(12) (A)

(54)

(search server)   (information source)   (user address)   ,
                                   .   ,
            (URL)   .   (verbal request)   ,
            ,   (speech recognition system)   .   ,
                   "   (reply- to address) "   ,
            .
     ,   .

3a

(search server),   (information source),   (verbal request)

,   (spoken commands)

.

(spoken words)   (phrases)   (text strings)   .
          "   (local) "   "   (remote) "   ,   /   "   (integrated) "   "   (dist
ributed) "   .   ,   (remote site)   ,
          (local site)   .   ,
.   ,   ,   (user stations)
                              .   ,   (t
otally)   (reside) ,   "   "   .
          ,   "   "   ,
                    .
    (voice- input control application)   ,   ,   (encoding)   ,
                    (routing)   .

1   (general purpose)   (100)   .   (100)   (110),
          (120),   (dictionary) (125)   .   (110)   (speech modeler) (112)
          (114)   .   (microphone) (101)   ,   (112)
                    (voice input)   ,   (effect)
    (particular scheme)   .   ,   (phoneme)
          ,   (120)   ,
                    (125)   .

          (114)   (120)   (action)
          .   ,   "   (GO TO WORD) "   ,   ,   (110)
              (140)   (130)   .   , "   (Begin
Dictation) "   "   (End Dictation)   (120)   ,
    ,   (140)   .

          (120)   .   (sma
ll vocabulary system)   ,   ,   (120)   (ma

tch)   .   (large vocabulary system)   ,   (120)

,   (auxiliary information)

.

.   .   ,

"   (Call Joe)"   (125)   " 1- 914- 555- 4321"   .

,   (120)   (125)   (112)   (114)

.   ,   (120)   (125)   ,   (

120)   (bandwidth)   (112)

.

,   (Ichro Hatana)   , 1999   8   25   ,   EP0982672

A2 "   (INFORMATION RETRIEVAL SYSTEM WITH A SEARCH ASSI

ST SYSTEM)"   ,   ,

.   "   (pronunciation)"   ,

.   ,

,   (Universal resource locators(URLs))   ,   . URL   URL

. Inc.,   (Spridge)   (myspeech)

,   (phone instrument)   (mobile web access)

(target)   (capability)   .

2   .

URL   (220)   (250)   ,   (230)   .   (230)

(220)   "   (reply- to)"

(210)   .   ,   "

(not- found)"   ,   URL   .

(230)   (210)   "   (reply- to)"

,   (210)   URL   .   ,   (210)

(web page)   .   (230)   ,   (wireless acces

s protocol) (WAP)   .   (210)   WAP   WML(wirele

ss markup language)   "   (deck)"   "   (cards)"   (set)   .

.

.

.

.   ,

(URL)   (identify) .   (verbal request) ,

,   ,   ,   "

(reply- to address)"   ,   .

,

.

,   ,   .

         ,   .

      1   .

      2   .

      3a   3b   .

      4   .

      3a   3b   300, 300'   .   ,
      ,   ,   (modems),   ,   300, 300'
           ,   ,   .

      3a   ,   (330)   URL   (320)   (submit).   (
320)   URL   .   ,
                 ,   ,"   (Get Stoc
k Prices)"   ,   .   (210)   (330)   .
      (330)   ,   (palmtop device),   (portable computer),   (set- to
p box),   (250)   ,   .   (2
50)   (getaways)(   )   .

                 ,   (less bandwidth)
      (320)   .   (320)   ,   URL   (322)
                              (120)   (125)   .   ,   (myspeech)
      ,   (210)   ,

"   ", http://www.stocksonline/userpage3/   URL
      (325)   .

         EP0982672A2   ,   URL
      .

                       ,   (120)   (320)
              ,   (330)   URL   (122)   .   ,
                                 ,   (330)   ,   .

      TCP/IP   ,   ,   (330)   , /   (explicit) "
      (reply- to)"   .   ,   (330)   URL
                       .

– 4 –

, (320) (210) , ,
/ " (reply- to)" (320) . ,
(210) , (330) . , URL ,
(210) , (330) .

(320) , ,
, (325) . , URL
, , ,
, , (sub- commands) . URLs
, (325)
. , , " (next)", " (back)", " (home)"
, (325) (320)
URL (210) .

3b , , , (330a), (330b)
. , (330a) (201) , (330b) (c
ar navigation system) . , (330a)
(330b) , " (reply- to)" . "
(source address)" . URL (32
0) (210) (330b)
. (330b), / , WAP (d
eck) (330a) . , (map)
URL (325) " (show downtown)"
. URL (320) (330B0 (330a) .
" " , (330a) (320) , (320b) ,
. (320) (330b) , (2
10) , (210) (330b) . " (zoom i
n)", " (zoom out)", " (path north)", (325)
, (320) , (330b) (originate) , (210)
.

(320) (330b) (330a) , (3
25) URLs . , "
(Show Downtown Map In Car)" (325) " URL"
, " URL" URL .

4 3 (320) , .
4 ,
.

410 , , 420 , ,
. URL . 430- 450 3 (320)

(325) , . , 435 ,

, URL . ,

, . 470 , URL ,

, 410 URL .

, 460 , .

.

, (arrangements)

.

(57)

1.

(320) ,

(330) (source address) (target identifier)

,

(210) (target locator) (322) ,

(210) ;

(320) (recipient)

, .

2.

1 ,

(vocal phrase) ,

(320) (210) (322)

(210) , .

3.

1 ,

(330) , (330a) (destination device) (3
30b) , .

4.

1 ,

(250) , .

5.
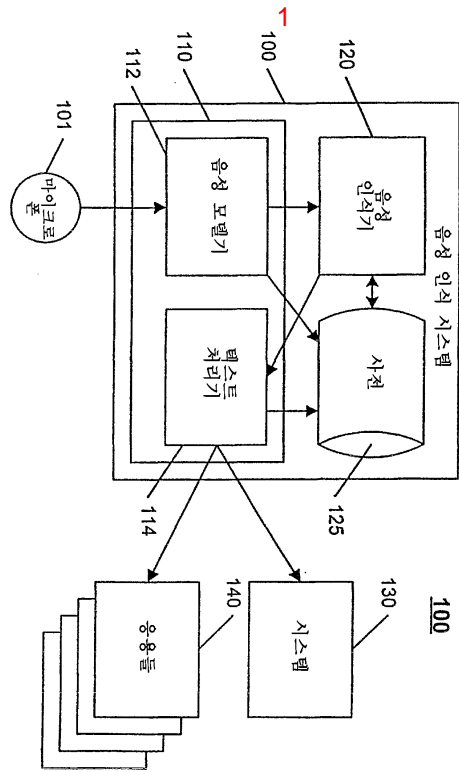
4   ,

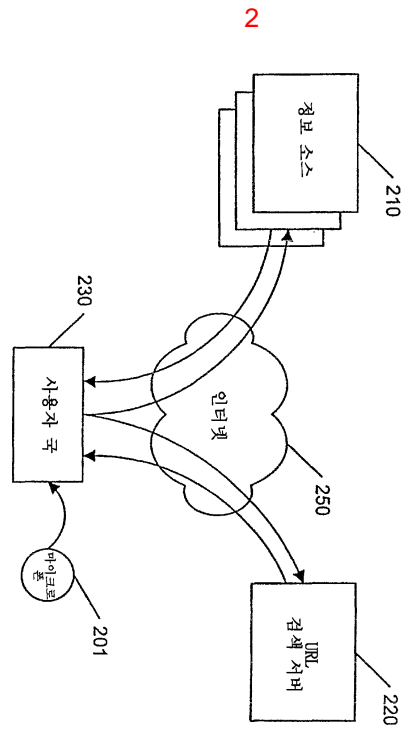   (210)   (Universal resource locators(URLs))   ,   .

      6.

1   ,

                        (330)   ,

            (322)   (text string)   ,

                        (210)   ,   .

      7.

6   ,

                        (vocal phrase)   ,

            (322)   (speech recogniz
er) (120)   ,   .

      8.

      (330)   ,

                  ,   ,   (320)   ,
    ,

            (210)   ,   (target identifier)
  (210)   ,   .

      9.

8   ,

                              (320)   ,   (250)   ,   (210)   ,
    .

      10.

8   ,

            (user input)   (vocal input)   ,

                                                                                    ,   .

      11.

                              (210)

,

,   (410),   (21
0)   (440),   (210)   (470),

,

.

　　12.

11   ,

,

(210)   (search item)
(420)   ,   .

　　13.

11   ,

(330)   ,   (330a)
(330b)   ,   .

　　14.

11   ,

(250)   (effect),   .

　　15.

14   ,

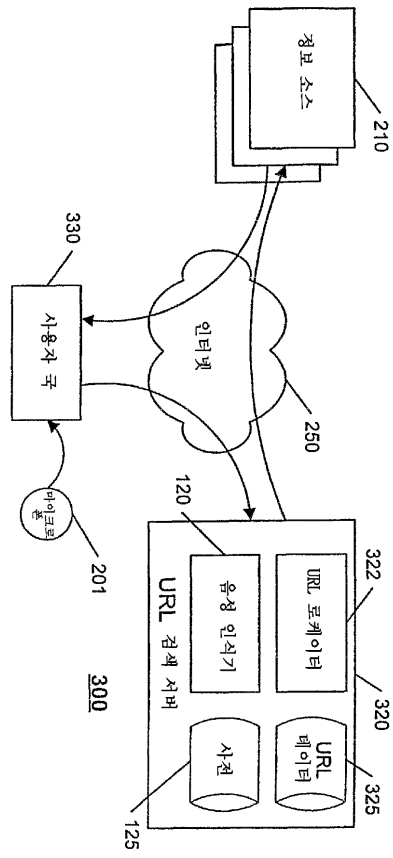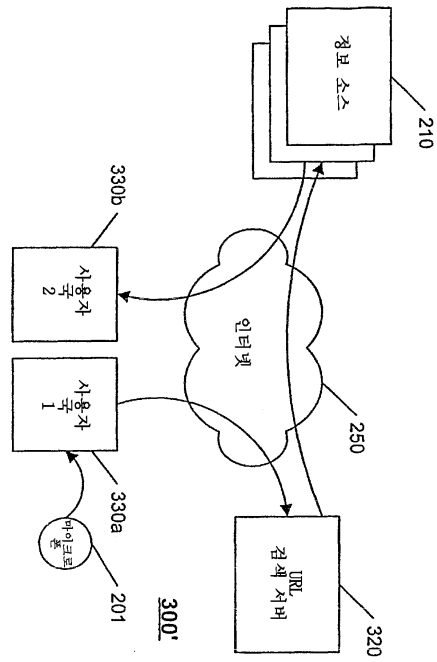(210)   (Universal resource locators(URLs))   ,
.

　　16.

11   ,

,

,

(210)   ,   .

음성 인식 시스템

음성 모델기
110
112

음성 인식기
120

마이크론
101

텍스트 처리기
114

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125

100

음성 인식 시스템

응용들
140

시스템
130

100

2

정보 소스
210

230
사용자 부

인터넷
250

마이크로 폰
201

URL
검색 서버
220

3a

정보 소스 210

330 사용자 측

인터넷

250

201 사이트 방문

URL 검색 서버 300

120 음성 인식기

322 URL 로케이터

320

325 URL 데이터

125 사전

3b

4

소스 URL로부터, 모델 데이터 수신	410
모델 데이터를 텍스트로 변환	420
각 데이터 구에 대해	430

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아니오

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