Paper No. __

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

BROADCOM CORPORATION

Petitioner

v.

WI-FI ONE, LLC

Patent Owner

Case IPR2013-00602
U.S. Patent No. 6,466,568

PETITIONER'S DEMONSTRATIVES FOR ORAL ARGUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

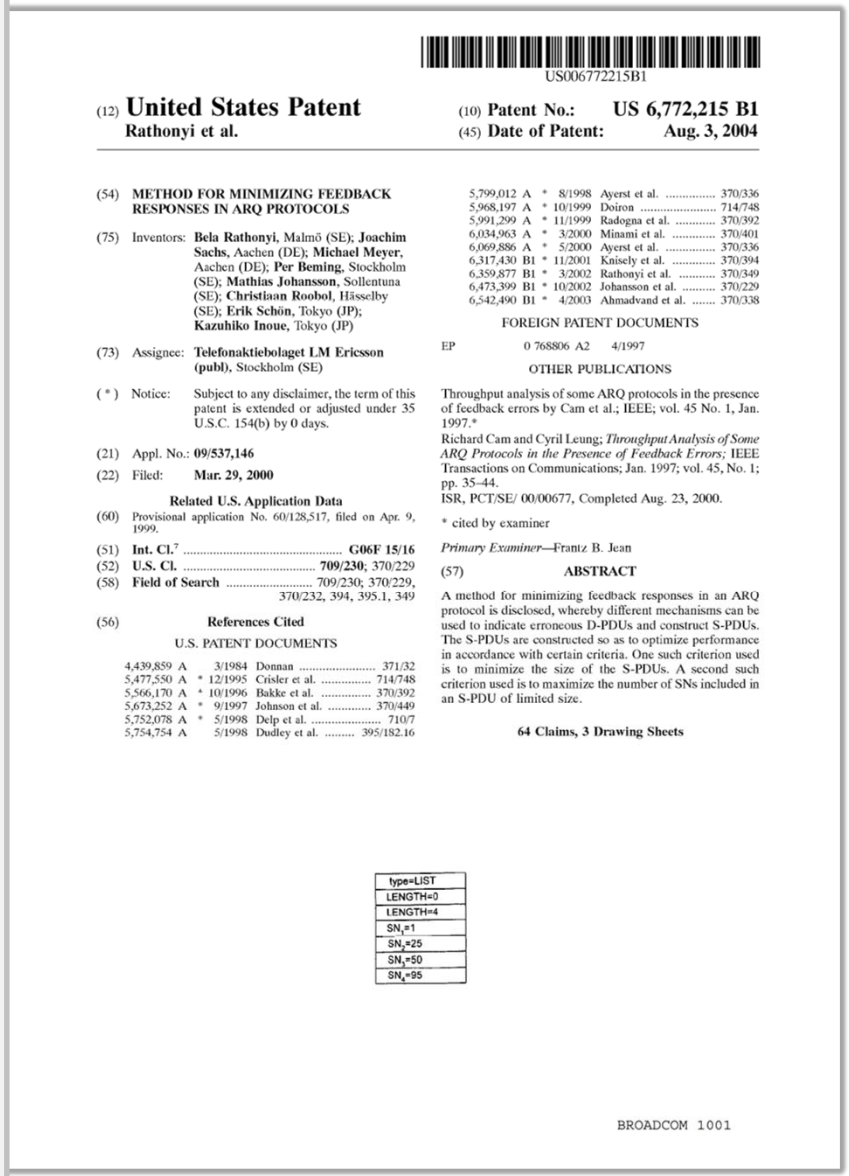
***Inter Partes* Review Nos. 2013-00601, 2013-00602, and 2013-00636**
U.S. Patent Nos. 6,772,215, 6,466,568, and 6,424,625

PETITIONER'S ORAL ARGUMENT

Overview for ’215 Patent

- Description of ’215 patent
- Overview of Applied Seo Prior Art Reference & Anticipation of Claims
- Issues Raised by Patent Owner

The ’215 Patent



US006772215B1

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

(10) **Patent No.: US 6,772,215 B1**
(45) **Date of Patent: Aug. 3, 2004**

(54) **METHOD FOR MINIMIZING FEEDBACK RESPONSES IN ARQ PROTOCOLS**

(75) Inventors: **Bela Rathonyi**, Malmö (SE); **Joachim Sachs**, Aachen (DE); **Michael Meyer**, Aachen (DE); **Per Beming**, Stockholm (SE); **Mathias Johansson**, Sollentuna (SE); **Christiaan Roobol**, Hässelby (SE); **Erik Schön**, Tokyo (JP); **Kazuhiko Inoue**, Tokyo (JP)

(73) Assignee: **Telefonaktiebolaget LM Ericsson (publ)**, Stockholm (SE)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/537,146**

(22) Filed: **Mar. 29, 2000**

Related U.S. Application Data

(60) Provisional application No. 60/128,517, filed on Apr. 9, 1999.

(51) **Int. Cl.**[7] **G06F 15/16**
(52) **U.S. Cl.** **709/230**; 370/229
(58) **Field of Search** 709/230; 370/229, 370/232, 394, 395.1, 349

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ISR, PCT/SE/ 00/00677, Completed Aug. 23, 2000.

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Primary Examiner—Frantz B. Jean

(57) **ABSTRACT**

A method for minimizing feedback responses in an ARQ protocol is disclosed, whereby different mechanisms can be used to indicate erroneous D-PDUs and construct S-PDUs. The S-PDUs are constructed so as to optimize performance in accordance with certain criteria. One such criterion used is to minimize the size of the S-PDUs. A second such criterion used is to maximize the number of SNs included in an S-PDU of limited size.

64 Claims, 3 Drawing Sheets

type=LIST
LENGTH=0
LENGTH=4
SN_1=1
SN_2=25
SN_3=50
SN_4=95

BROADCOM 1001

’215 Patent (Ex. 1001)

Patent No.: US 6,772,215 B1
Date of Patent: Aug. 3, 2004

METHOD FOR MINIMIZING FEEDBACK RESPONSES IN ARQ PROTOCOLS

1. A method for minimizing feedback responses in an ARQ protocol, comprising the steps of:

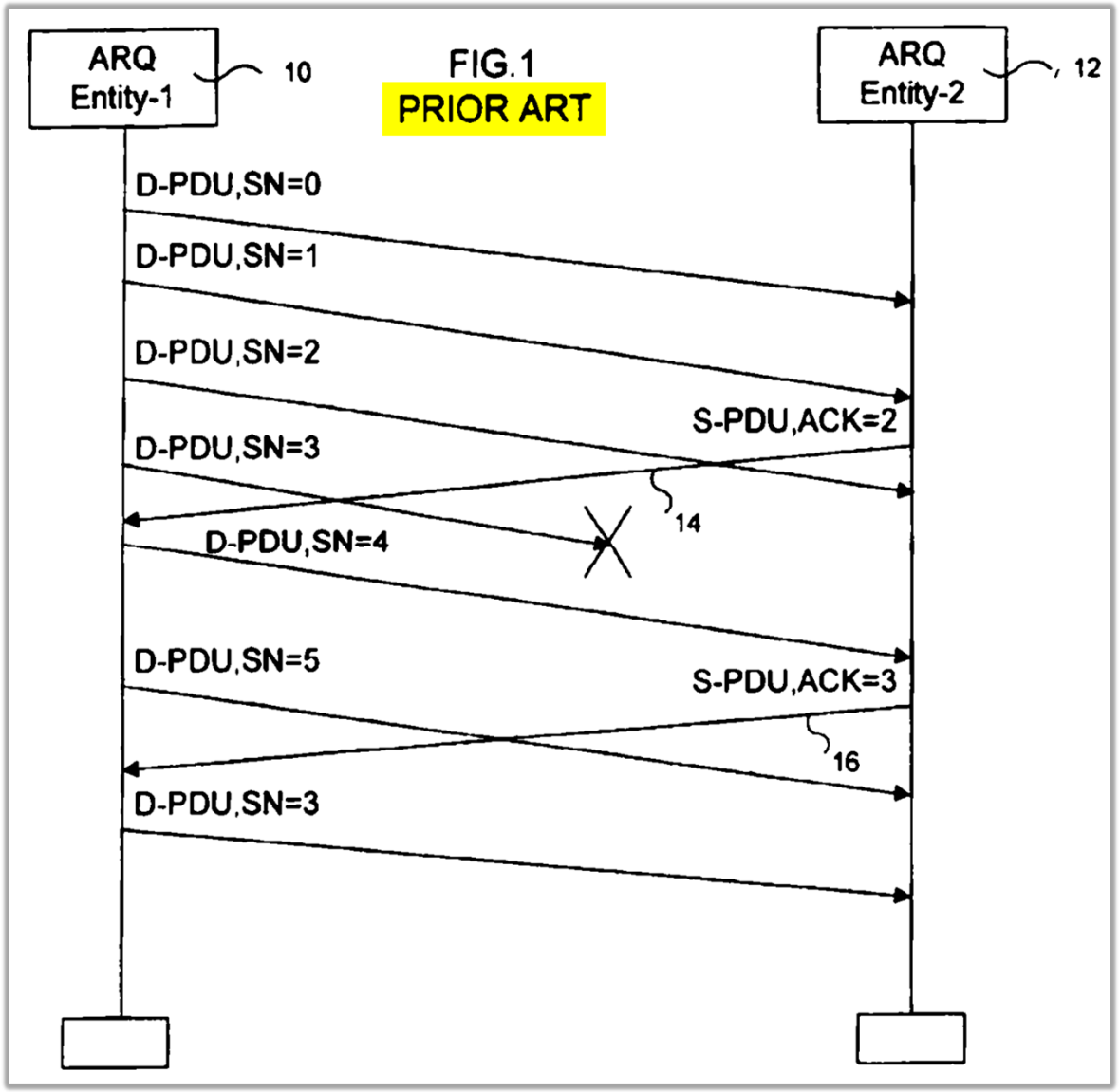
sending a plurality of first data units over a communication link;

receiving said plurality of first data units; and

responsive to the receiving step, constructing a message field for a second data unit, said message field including a type identifier field and at least one of a sequence number field, a length field, and a content field.

’215 Patent, Claim 1 (Ex. 1001)

The ’215 Patent Prior Art



’215 Patent, FIG. 1 (Ex. 1001)

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