UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MICROSOFT CORPORATION,
Petitioner,

v.

UNILOC 2017 LLC,
Patent Owner.

U.S. Patent No.: 7,075,917
Issued: Jul. 11, 2006
Application No.: 09/973,312
Filed: Oct. 9, 2001
Title: WIRELESS NETWORK WITH A DATA EXCHANGE ACCORDING TO
THE ARQ METHOD

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FIRST SUPPLEMENTAL DECLARATION OF
FRIEDHELM RODERMUND

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I, Friedhelm Rodermund, do hereby declare as follows:

I.   INTRODUCTION AND ENGAGEMENT

1.   On April 12, 2019 I submitted an initial declaration for this case explaining 3GPP document handling procedures and establishing authenticity and public availability of certain 3GPP documents including 3GPP TR 25.835 ("First Declaration"). In that First Declaration, I stated my background, qualifications, and experience to opine on the subject matters contained therein and provided a copy of my most recent CV.

2.   As I previously explained, I have been retained in this matter by Microsoft Corporation ("Petitioner" or "Microsoft") to provide testimony regarding 3GPP's standard business practices for record keeping and publishing technical specifications, change request proposals, reports, and other documents developed during the course of standards activities carried out by the 3rd Generation Partnership Project ("3GPP") and the European Telecommunications Standards Institute ("ETSI").

3.   I have been asked by the Petitioner to expand upon certain issues addressed by my earlier testimony, including to provide additional detail on 3GPP's usage of email reflector lists, the availability of certain emails related to 3GPP TR 25.835, and how interested individuals would locate relevant 3GPP documents such as TR 25.835. I have direct experience with these issues during the

time period from 1998 to the present, as reflected by my background, qualifications, and experience.

II.   3GPP EMAIL EXPLODER LISTS

A.   General Practices

4.   Unless otherwise noted, the following description of 3GPP general practices describes its practices from 1998 until the present, regardless of whether I use the present or past tense to describe those practices.

5.   In the ordinary course of 3GPP's regularly conducted business activities, and pursuant to its standard business practices, all draft technical specifications, proposals, reports, and other temporary documents to be discussed or considered in relation to 3GPP's telecommunications standards activities were, and continue to be, assigned a temporary document number. Such documents are referred to as "T-docs." These documents also were, and continue to be, made publicly available, including on the ftp server associated with the 3GPP website, currently residing at ftp.3gpp.org, which may also be referred to as the "3GPP ftp server" or just "the ftp server." The location of this ftp server, which is also discussed in my initial April 2019 declaration, was and continues to be well-known and readily accessible to the interested public, and especially to those interested in the development and implementation of wireless networks. Draft and approved

versions of the technical specifications also were, and continue to be, publicly available from that same ftp server.

6.	In addition to sharing information and documents via 3GPP's website and ftp server, communication via 3GPP's email exploder lists was, and remains, very important for 3GPP's day-to-day work. I discussed the emails sent through these email exploders in paragraphs 19 and 23 of my First Declaration, including how such emails announced to interested people the availability and uploading of new documents to the 3GPP ftp site. All 3GPP groups have at least one email exploder list to which delegates and any interested individuals (regardless of corporate of 3GPP affiliation) can subscribe to for receiving and posting emails. Some 3GPP groups have more than one email exploder lists e.g. for their sub-working groups, or, for dedicated discussion topics. The email exploder lists are used for various communication purposes, discussions, and the announcement and distribution of documents. If somebody sends an email to an email exploder list that email is sent to everybody subscribed to that list. Furthermore, every email sent via the email exploder list is stored and maintained in a publicly-accessible email archive managed by ETSI, which can accessed from https://list.etsi.org/scripts/wa.exe?INDEX. A copy of page two of that email archive webpage is submitted as Exhibit 1012.

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