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Paper 6
Entered: September 17, 2014

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GLOBAL TEL*LINK CORPORATION,
Petitioner,

v.

SECURUS TECHNOLOGIES, INC.,
Patent Owner.

Case IPR2014-00749
Patent 8,577,003 B2

Before KEVIN F. TURNER, BARBARA A. BENOIT, and GEORGIANNA W. BRADEN, *Administrative Patent Judges.*

BENOIT, *Administrative Patent Judge*.

DECISION
Institution of *Inter Partes* Review
37 C.F.R. § 42.108

INTRODUCTION

Global Tel*Link Corporation ("Petitioner") filed a Petition (Paper 1, "Pet.") requesting an *inter partes* review of claims 1-14 (the "challenged claims") of U.S. Patent No. 8,577,003 B2 (Ex. 1001, "the '003 patent"). Patent Owner, Securus Technologies, Inc., filed a Preliminary Response. Paper 5 ("Prelim. Resp."). We have jurisdiction under 35 U.S.C. § 314(a), which provides that an *inter partes* review may not be instituted "unless . . . there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition."

After considering the Petition and the Preliminary Response, we determine that Petitioner has established a reasonable likelihood of prevailing on the claims challenged in the Petition. Accordingly, we institute an *inter partes* review of claims 1-14 of the '003 patent.

A. Related Matters

Petitioner has requested *inter partes* review of related patents—U.S. Patent No. 7,899,167 B1 (IPR2014-00493), U.S. Patent No. 8,340,260 B1 (IPR2014-00824), and U.S. Patent No. 7,529,357 B1 (IPR2014-00825).

B. The '003 Patent

The '003 patent, titled "Centralized Call Processing," issued November 5, 2013 from an application that is a continuation of an application filed August 15, 2003. The '003 patent describes a centralized architecture for call processing that uses Voice over Internet Protocol ("VoIP") to carry calls from a location at which calling services are provided to a centralized call processing platform. Ex. 1001, Abstract, 1:41-43, 3:18-

20. The call processing platform serves multiple facilities and provides, for example, calling party identification, call validation, call routing, and connection to the public switched telephone network (PSTN) or a digital network. *Id.* at Abstract, 8:41-45. The call processing platform may be used to provide calling services to prison facilities. *Id.* at 5:57-60.

Figure 1 of the '003 patent is set forth below:

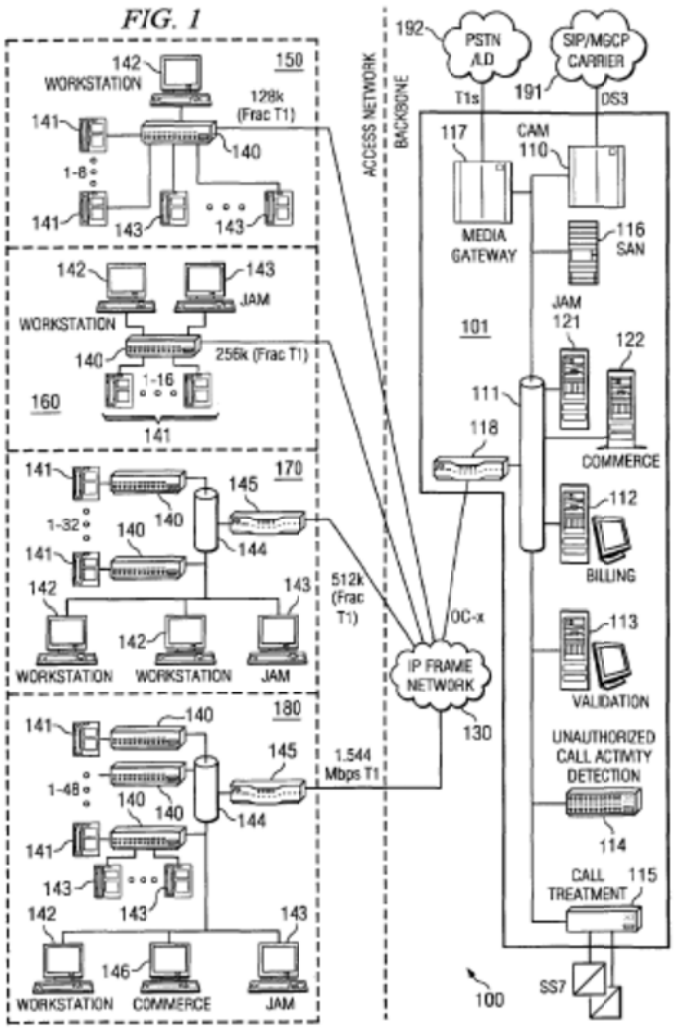

Figure 1 illustrates call processing system 100.

Call processing system 100 includes call processing platform 101, which communicates with facilities 150, 160, 170, 180 through network 130. *Id.* at 5:45-48. Call processing gateways 140, at or near each facility 150,

160, 170, 180, convert analog signals associated with telephone terminals 141 (or visitation telephones 143) to digital data packets sent over network 130. *Id.* at 6:14-18.

Call processing platform 101 includes, among other components, call application management system 110, which controls completing a call between a party using one of telephone terminals 141 (or visitation telephones 143) and another party using telephone terminal (not shown), over PSTN 192 or digital network 191. *Id.* at 8:12-65. Call processing system 101 also includes validation system 113 and unauthorized call activity detection system 114 to provide "call intelligence" to determine whether a particular call should be permitted. *Id.* at 9:35-39.

C. Challenged Claims

Of the challenged claims in the '003 patent, claims 1 and 8 are independent. Claims 1 and 8, reproduced below, are illustrative of the claimed subject matter:

> 1. A centralized call processing system, comprising:
>
> a networking device connected to a plurality of call processing gateways of a plurality of prison facilities located remotely from the centralized call processing system via a wide area network (WAN), the networking device configured to:
>
> receive outgoing Voice over Internet Protocol (VoIP) data packets from prison facilities; and
>
> send incoming VoIP data packets to the prison facilities;
>
> an unauthorized call activity detection system connected to the networking device for detecting three-way call activity associated with the outgoing VoIP data packets or the incoming VoIP data packets via a local area network (LAN);

a call application management system connected via the LAN to the networking device for processing the outgoing VoIP data packets for transmission to a telephone carrier network, the call application management system processing signals from the first telephone carrier network into the incoming VoIP data packets; and

a validation system connected via the LAN to the call application management system and configured to allow or disallow completion or continuing of a particular call of the plurality of prison facilities through the telephone carrier network based on the outgoing VoIP data packets or the incoming VoIP data packets.

Ex. 1001, 18:57-19:15.

8. A method comprising:

receiving outgoing Voice over Internet Protocol (VoIP) data packets from a plurality of prison facilities by a networking device via a wide area network (WAN);

sending incoming VoIP data packets to the prison facilities via the WAN by the networking device;

routing the outgoing VoIP data packets or the incoming VoIP data packets in a local area network (LAN) in a centralized call processing system to detect three-way call activity associated with the outgoing VoIP data packets or the incoming VoIP data packets;

routing the outgoing VoIP data packets via the LAN to process the outgoing VoIP data packets for transmission to a telephone carrier network;

processing signals from the telephone carrier network into the incoming VoIP data;

routing the incoming VoIP data packets via the LAN for transmission to the plurality of prison facilities via the WAN; and

allowing or disallowing completion or continuation of a particular call of the plurality of prison facilities through the telephone carrier network based on the outgoing VoIP data

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