

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GLOBAL TEL\*LINK CORPORATION,  
Petitioner,

v.

SECURUS TECHNOLOGIES, INC.,  
Patent Owner.

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Case IPR2014-00493  
Patent 7,899,167 B1

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

BENOIT, *Administrative Patent Judge*.

FINAL WRITTEN DECISION  
*35 U.S.C. § 318(a) and 37 C.F.R. § 42.73*

## I. INTRODUCTION

We have jurisdiction to hear this *inter partes* review under 35 U.S.C. § 6(c). This Final Written Decision is issued pursuant to 35 U.S.C. § 318(a) and 37 C.F.R. § 42.73. For the reasons that follow, we determine that Petitioner has shown by a preponderance of the evidence that claims 1–21 of U.S. Patent No. 7,899,167 B1 (Ex. 1001; “the ’167 patent”) are unpatentable.

### A. Procedural History

Global Tel\*Link Corporation (“Petitioner”) filed a corrected Petition (Paper 4; “Pet.”) for an *inter partes* review of claims 1–21 (“the challenged claims”) of the ’167 patent. Patent Owner, Securus Technologies, Inc., filed a Preliminary Response opposing institution of a review. On September 17, 2014, pursuant to 35 U.S.C. § 314(a), we instituted an *inter partes* review for claims 1–21 of the ’167 patent as unpatentable under 35 U.S.C. § 103(a) over the following references.

Reference(s)	Claims Challenged
Spadaro <sup>1</sup>	1–7, 12, 14–19, and 21
Spadaro and Hodge <sup>2</sup>	8–11 and 20
Spadaro and Bellcore <sup>3</sup>	13

Paper 8 (“Inst. Dec.”) 20.

Subsequent to institution, Patent Owner filed a Patent Owner Response (Paper 14; “PO Resp.”), and Petitioner filed a Reply (Paper 19; “Reply”). Patent Owner filed observations on the cross-examination of Petitioner’s declarant (Paper 23), to which Petitioner filed a response (Paper 24).

An oral hearing was held on June 4, 2015.<sup>4</sup>

#### *B. Related Matters*

Petitioner represents that the ’167 patent is involved in *Securus Technologies, Inc. v. Global Tel\*Link Corp.*, No. 3:13-cv-03009 (N.D. Tex.). Pet. 2; *see also* Paper 5 (Patent Owner’s Mandatory Notice). Petitioner also has requested *inter partes* review of related patents—U.S. Patent No. 8,577,003 B2 (IPR2014-00749), U.S. Patent

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<sup>1</sup> U.S. Patent No. 7,505,406 B1, issued Mar. 17, 2009, filed July 13, 2001 (Ex. 1004) (“Spadaro”).

<sup>2</sup> U.S. Patent No. 7,333,798 B2, issued Feb. 19, 2008, filed Aug. 8, 2002 (Ex. 1005) (“Hodge”).

<sup>3</sup> BELLCORE, *Voice Over Packet in Next Generation Networks: An Architectural Framework*, Special Report SR-4717, Issue 1 (Jan. 1999) (Ex. 1006) (“Bellcore”).

<sup>4</sup> At the joint request of the parties, the oral arguments for this proceeding and IPR2014-00749 were conducted at the same time. Paper 29, 2. A transcript of the oral hearing is included in the record as Paper 31.

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No. 8,340,260 B1 (IPR2014-00824), and U.S. Patent No. 7,529,357 B1 (IPR2014-00825).

### *C. The '167 Patent*

The '167 patent, titled “Centralized Call Processing,” issued March 1, 2011 from an application filed August 15, 2003. The '167 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, 1:38–40, 3:15–17. The call processing platform serves multiple facilities and provides call processing functionality, such as providing call intelligence to determine whether to allow a particular call to be continued, as well as calling party identification, call validation, call routing, and connection to the public switched telephone network (PSTN) or a digital network. *Id.* at Abstract, 9:31–37.

Figure 1 of the '167 patent is set forth below:

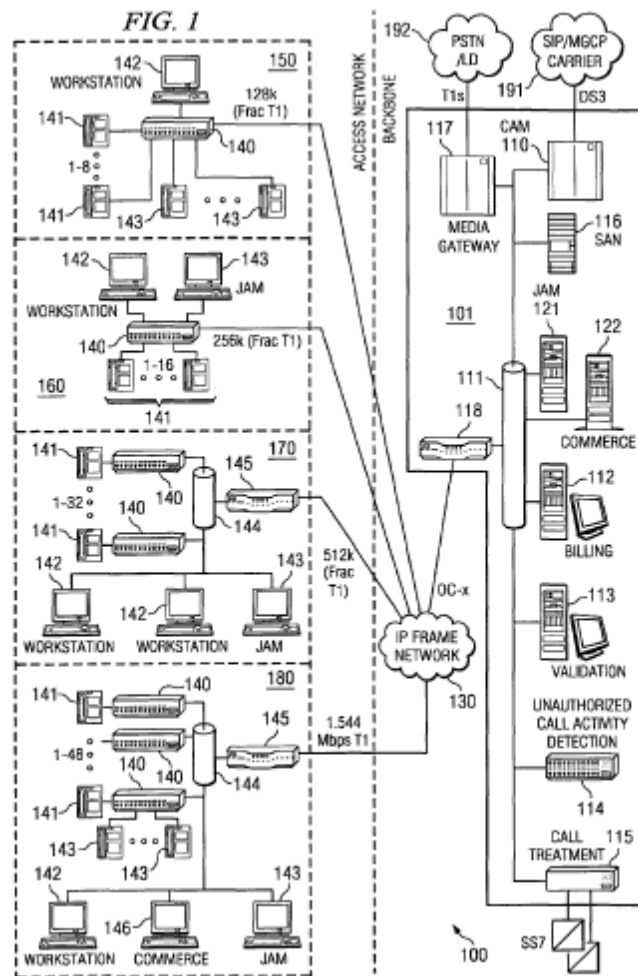


Figure 1 illustrates call processing system 100.

Call processing system 100 includes call processing platform 101, which communicates with facilities 150, 160, 170, 180 through network 130. *Id.* at 5:41–44. 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 6:10–15.

Call processing platform 101 includes, among other components, call application management system 110, which controls completing a call

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