IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

United States Patent No: 6,701,344	§	Attorney Docket No.:
Inventors: Fred B. Holt, Virgil E. Bourassa	§	109869-0003-658
Formerly Application No.: 09/629,042	§	
Issue Date: March 2, 2004	§	Customer No.: 28120
Filing Date: July 31, 2000	§	
Former Group Art Unit: 2153	§	Petitioners: Activision Blizzard,
Former Examiner: B. Edelman	§	Inc., Electronic Arts Inc., Take-
Patent Owner: Acceleration Bay, LLC	§	Two Interactive Software, Inc., 2K
	§	Sports, Inc., and Rockstar Games,
	§	Inc.

For: DISTRIBUTED GAME ENVIRONMENT

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PETITION FOR *INTER PARTES* REVIEW OF
UNITED STATES PATENT NO. 6,701,344

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LIST OF EXHIBITS

Exhibit	Description
Ex. 1201	U.S. Patent No. 6,701,344 to Fred B. Holt *et al.* ("'344 patent").
Ex. 1202	Declaration of David K. Lin and the Certified File Wrapper for U.S. Patent No. 6,701,344.
Ex. 1203	Selected Portions of Bradley Bargen & Peter Donnelly, INSIDE DIRECTX, (Microsoft Press, 1998) ("DirectPlay").
Ex. 1204	Declaration of Glenn Little and, as Exhibit B, Meng-Jang Lin, *et al.*, *Gossip versus Deterministic Flooding: Low Message Overhead and High Reliability for Broadcasting on Small Networks*, Technical Report No. CS1999-0637 (Univ. of Cal. San Diego, 1999) ("Lin").
Ex. 1205	Peter J. Shoubridge & Arek Dadej, *Hybrid Routing in Dynamic Networks*, *in* 3 IEEE INT'L CONF. ON COMMC'NS CONF. REC. 1381-86 (Montreal, 1997) ("Shoubridge").
Ex. 1206	Declaration of Steven Silvio Pietrobon and, as Exhibit F, Peter J. Shoubridge, *Adaptive Strategies for Routing in Dynamic Networks*, Ph.D. Thesis (Univ. S. Austl., 1996) ("Shoubridge Thesis")
Ex. 1207	John M. McQuillan, *et al.*, *The New Routing Algorithm for the ARPANET*, COM-28, No. 5 IEEE TRANSACTIONS ON COMMC'NS, 711-19 (1980) ("McQuillan").
Ex. 1208	Yogen Kantilal Dalal, *Broadcast Protocols in Packet Switched Computer Networks* (Ph.D. Thesis, Stanford University 1977) and supporting ("Dalal")
Ex. 1209	S. Alagar, *et al.*, *Reliable Broadcast in Mobile Wireless Networks*, Military Communications Conference, 1 IEEE MILCOM '95 CONF. REC., 236-40 (San Diego, Cal., 1995) ("Alagar").
Ex. 1210	Certificate of Authenticity and a Press Release, *Microsoft Boosts Accessibility to Internet Gaming Zone with Latest Release* (Apr. 27, 1998) (PR Newswire) ("IGZ").
Ex. 1211	Donald M. Topkis, *Concurrent Broadcast for Information Dissemination*, SE-11, No. 10 IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, 1107-11 (1985) ("Topkis").
Ex. 1212	Dimitri Bertsekas & Robert Gallager, DATA NETWORKS (Prentice Hall, 2d ed. 1992) ("Bertsekas").
Ex. 1213	Kuo-Jui Raymond Lin, *Routing and Broadcasting in Two-dimensional Linear Congruential Graphs of Degree Four*, Master's Thesis (Concordia Univ. Montreal, Canada, 1994) ("Kuo-Jui Lin").

Ex. 1214	William S. Davis and David C. Yen, THE INFORMATION SYSTEM CONSULTANT'S HANDBOOK: SYSTEMS ANALYSIS AND DESIGN (CRC Press, 1998) ("Davis").
Ex. 1215	V. G. Cerf, *et al.*, Topological Design Considerations in Computer Commc'n Networks, COMPUTER COMMC'N NETWORKS (R. L. Grimsdale *et al.* eds., 1975) ("Cerf").
Ex. 1216	U.S. Patent No. 6,122,277 to Derrick Garmire *et al.* ("Garmire").
Ex. 1217	U.S. Patent No. 5,181,017 to Alexander H. Frey, Jr. *et al.* ("Frey").
Ex. 1218	Flaviu Cristian *et al.*, *Atomic Broadcast: From Simple Message Diffusion to Byzantine Agreement*, 118 INFORMATION AND COMPUTATION 158-79 (Albert R. Meyer ed., 1995) ("Cristian").
Ex. 1219	Expert Declaration of David R. Karger
Ex. 1220	Declaration of Peter John Shoubridge and, as Exhibit A, Peter J. Shoubridge, *Adaptive Strategies for Routing in Dynamic Networks*, Ph.D. Thesis (Univ. S. Austl., 1996) ("Shoubridge Thesis"), and as Exhibit B, Peter J. Shoubridge & Arek Dadej, *Hybrid Routing in Dynamic Networks*, *in* 3 IEEE INT'L CONF. ON COMMC'NS CONF. REC. 1381-86 (Montreal, 1997) ("Shoubridge").
Ex. 1221	SUPPORTING MICROSOFT WINDOWS 95, Vol. 1 (Microsoft Press 1995) ("Supporting Windows 95").
Ex. 1222	Declaration of Matthew R. Shapiro
Ex. 1223	Declaration of Julian D. Moore
Ex. 1224	Declaration of Scott Bennett, Ph.D. and, as Attachment 1c, Peter J. Shoubridge & Arek Dadej, *Hybrid Routing in Dynamic Networks*, *in* 3 IEEE INT'L CONF. ON COMMC'NS CONF. REC. 1381-86 (Montreal, 1997) ("Shoubridge"), and as Attachment 3a, Selected Portions of Bradley Bargen & Peter Donnelly, INSIDE DIRECTX, (Microsoft Press, 1998) ("DirectPlay").
Ex. 1225	Declaration of Gerard P. Grenier and, as Exhibit A, Peter J. Shoubridge & Arek Dadej, *Hybrid Routing in Dynamic Networks*, *in* 3 IEEE INT'L CONF. ON COMMC'NS CONF. REC. 1381-86 (Montreal, 1997) ("Shoubridge").
Ex. 1226	Affidavit of Christopher Butler
Ex. 1227	Redline comparison of the expert declarations of David. R. Karger: Ex. 1119 from IPR2015-01972 and Ex. 1219

Pursuant to 35 U.S.C. §§ 311-319 and 37 C.F.R. § 42, the undersigned, on

behalf of and representing Activision Blizzard, Inc., Electronic Arts Inc., Take-

Two Interactive Software, Inc., 2K Sports, Inc., and Rockstar Games, Inc. (collec-

tively "Petitioners"), hereby petition for *inter partes* review of claim 12 of U.S. Pa-

tent No. 6,701,344 ("the '344 patent"). The '344 patent was issued to The Boeing

Company and is purportedly assigned to Acceleration Bay, LLC ("Patent Owner").

Petitioners assert there is a reasonable likelihood that this claim is unpatentable and

respectfully request review of, and judgment against, claim 12 ("the Challenged

Claim") as unpatentable under 35 U.S.C. § 103.

I.   INTRODUCTION

Petitioners previously filed IPR2015-01970 and -01972 seeking *inter partes*

review of claims 1-19 of the '344 Patent based on § 103 grounds applying two al-

ternative references: Lin and Shoubridge.[1] As explained in the IPR2015-01972 pe-

tition, Petitioners sought institution of both the Lin and Shoubridge grounds in the

event that Patent Owner is able to swear behind the Lin reference. IPR2015-01972,

Pap. 2 (Pet.) at 5; *see also* IPR2015-01970, Pap. 6 (Prelim. Resp.) at 14-21. The

ground asserting that Claim 1 (from which Claim 12 depends) was obvious over

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[1] Peter J. Shoubridge & Arek Dadej, *Hybrid Routing in Dynamic Networks*, *in* 3

IEEE INT'L CONF. ON COMMC'NS CONF. REC. 1381-86 (Montreal, 1997)

("Shoubridge") (Ex. 1205).

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