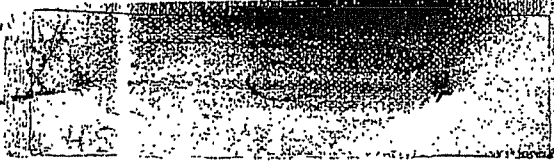


EXHIBIT T

U.S. PTO 353401 07/15/99	370 Class	345.3 Subclass	ISSUE CLASSIFICATION
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PATENT NUMBER 6473429
6473429

U.S. UTILITY PATENT APPLICATION

O.I.P.E.	PATENT DATE OCT 29 2002
SCANNED <i>CK4</i>	O.A. <i>[Signature]</i>

SECTOR	CLASS <i>370</i>	SUBCLASS <i>345.3</i>	ART UNIT <i>2734</i>	EXAMINER
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FILED WITH: DISK (CRF) FICHE
(Attached in pocket on right inside flap)

Certificate
JAN 27 2004
of Correction



Certificate
FEB 15 2005
of Correction

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION					
ORIGINAL		CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
<i>370</i>	<i>345.3</i>	<i>370</i>	<i>410</i>	<i>466</i>	
INTERNATIONAL CLASSIFICATION					
<i>A01L</i>	<i>B2/56</i>				
	<i>B2/28</i>				

Continued on Issue Slip Inside File Jacket

<input checked="" type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <i>12</i>	Figs. Drwg. <i>12</i>	Print Fig. <i>2</i>	Total Claims <i>44</i>	Print Claim for O.G. <i>1</i>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED	
<input checked="" type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent No. <i>5,997,307</i>	<i>[Signature]</i> Ajit Prasad (Principal Examiner)			<i>1.28.02</i>	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	<i>[Signature]</i> (Legal Instruments Examiner)			Amount Due <i>\$2800</i>	Date Paid
				ISSUE BATCH NUMBER	

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 386. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A (Rev. 6/05)

(LABEL AREA)

(FACE)

PATENT APPLICATION



09353401

JCS04 U.S. PTO
09/353401
7/15/99

INITIALS

JUL 29 99 4 R

CONTENTS

	Date received (Incl. C. of M.) or Date Mailed	Date received (Incl. C. of M.) or Date Mailed
1. Application _____ papers.		
2. CHANGE ADD	7-27-00	
3. MEJ 2/00	10-04-00	
4. C.O.A.	12-27-00	
5. IDS + Refs.	2-23-01	
6. Smith II / EXT of TIME 2	2-23-01	
7. P.D.S	3-2-01	
8. C.O.A. 2	6-28-01	
9. Terminal Disclaimer	Feb 23 2001	
10. IDS	12-7-01	
11. Notice of Allowability	1-28-02	
12. Formal Swaps	5-1-02	
13. Formal Drawings (12 sheets) set	5/10/02	
14. Notice of Abandonment	MAY 30 2002	
15. Pet. to Withdraw Aband.	7/19/02	
16. Notice of Rescinded Abandonment	9/12/02	
17. See refs 352	1/6/03	
18. See refs 352	1/10/03	
19. See refs 352	1/10/03	
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**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

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Washington, D.C. 20231

J-O

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
021396	07/15/99	CHRISTIE	10900

021396 1002/1004
 SPRINT COMMUNICATIONS COMPANY
 HARLEY R BALL
 8140 WARD PARKWAY SW
 KANSAS CITY MO 64114

EXAMINER

PATEL, H

ART UNIT PAPER NUMBER

2733

DATE MAILED: 10/04/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

SK

Office Action Summary	Application No. 09/353,401	Applicant(s) J. CHRISTIE
	Examiner AJIT PATEL	Group Art Unit 2738

Responsive to communication(s) filed on Jul 15, 1999

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-46 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1-46 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e)

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

Application/Control Number: 09/439,033

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1. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321© may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

2. Claims 1 and 24 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1,4,15,35, 45-47 of U.S. Patent No.5,991,301. Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to one skilled in the art to delete the feature that the applicant does not consider to be critical to their invention.

3. Claims 1 and 24 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1,7,9,15 of copending Application No. 09/439,033. Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to one skilled in the art to delete the feature that the applicant does not consider to be critical to their invention.

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This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371 of this title before the invention thereof by the applicant for patent.

5. Claims 1-3,5-13,16,20,24-26,28-36,39,43 are rejected under 35 U.S.C. 102(e) as being anticipated by Doshi et al (5,483,527).

Doshi et al disclose an ATM network incorporating the steps of receiving a message indicating a connection and an identifier into an internetworking unit (215-1 of fig. 1); receiving a use communication from the connection into the interworking unit (215 of fig. 1); converting the user communication from the connection into asynchronous communications with the identifier in response to the message (210, 211 of fig. 1); transferring the synchronous communications from the interworking unit and receiving the asynchronous communications into a routing system (220 of fig. 1); transferring the asynchronous communications through the routing system based on the identifier (220, S2 of fig. 1).

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Regarding claims 20 and 43 Doshi et al disclose the limitation of receiving an echo cancellation instruction into the internetworking unit and canceling echo from the user communication in response to the echo cancellation instruction (lines 18-22, col. 2)

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 4,14,15,17-19,21-23,27,37-38,40-42,44-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Doshi et al (5,483,527).

Doshi et al disclose all the claimed subject matter as described in previous paragraph except encryption technique, compression technique etc. Those techniques are well in the art. Therefore, it would have been obvious to one skilled in the art to use above mentioned techniques in the network of Doshi et al to make the system more efficient and reliable.

8. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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or faxed to:

(703) 305-3988, (for formal communications intended for entry)

Or:

(703) 305-3988 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to AJIT PATEL whose telephone number is (703) 308-5347. The examiner can normally be reached on Monday-Thursday from 6:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, HASSAN KIZOU, can be reached on (703) 305-4744. The fax phone number for this Group is (703) 305-5403.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900 .

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Ajit Patel
Primary Examiner

AJIT PATEL

October 2, 2000

Notice of References Cited			Application No. 09/353,401		Applicant(s) J. CHRISTIE		D
			Examiner AJIT PATEL		Group Art Unit 2738	Page 1 of 1	
U.S. PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	NAME			CLASS	SUBCLASS
A	6,483,527	01/1988	DOSHI ET AL			370	385
B	5,473,679	12/1995	LA PORTA ET AL			379	201
C	6,064,648	05/2000	HELLMAN ET AL			370	230
D	6,016,319	01/2000	KSHIRSAGAR ET AL			370	410
E							
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	NAME		CLASS	SUBCLASS
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