

EXHIBIT K-2

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
36	37	US6690656	System for managing telecommunications	3/25/1999	1999-03-25 1995-09-08	Jung, Min	What is claimed is: 1. A method for transferring communications using a switch, the method comprising: receiving information related to the communications into a processor that is external to the switch, wherein the switch does not process the information to recognize a trigger; processing the information to select a connection and echo cancellation for the communications; generating a first control message that identifies the selected connection; generating a second control message that identifies the echo cancellation;
39	38	US6674759	System for managing telecommunications	3/25/1999	1999-03-25 1995-09-08	Rao, Seema S.	What is claimed is: 1. A communication network comprising: a first switch configured to receive communications, receive a first message, and transfer the communications over a first connection in response to the first message; a second switch configured to receive the communications transferred by the first switch, receive a second message, and transfer the communications over a second connection in response to the second message; a first processor that is external to the first switch and the second switch and configured to receive information related to the
40	39	US6480483	System for managing telecommunications	3/25/1999	1999-03-25 1995-09-08 1994-05-05	Rao, Seema S.	What is claimed is: 1. An Asynchronous Transfer Mode (ATM) communications system comprising: an ATM multiplexer configured to receive user communications, convert the user communications into ATM communications, and transfer the ATM communications; an ATM switch configured to receive a control message, receive the ATM communications, and transfer the ATM communications over a selected ATM connection in response to the control message; and
41	40	US7085362	System for managing telecommunications	3/25/1999	1999-03-25 1995-09-08	Tieu, Benny Quoc	1. A method of operating a call processing system to handle a call placed to a called telephone number from a caller having a caller telephone number, the method comprising: <p>receiving call set-up signaling for the call;</p> <p>processing the called telephone number from the call set-up signaling to determine if the called telephone number is a toll-free number;</p> <p>if the called telephone number is not the toll-free number, then checking the caller telephone number in a</p>

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
42	41	US6473429	Broadband telecommunications system	7/15/1999	1999-07-15 1995-09-08 1994-05-05	Patel, Ajit	I claim: <input type="checkbox"/> 1. A communication method comprising: <input type="checkbox"/> receiving information associated with a user communication into a processing system; <input type="checkbox"/> processing the information in the processing system to select an identifier; <input type="checkbox"/> generating a message containing the identifier; <input type="checkbox"/> transmitting the message from the processing system; <input type="checkbox"/> receiving the message into an interworking unit; <input type="checkbox"/> receiving the user communication into the interworking unit from a DSO connection; <input type="checkbox"/> in the interworking unit, converting the user communication into an
43	42	US6529514	ATM gateway system	9/9/1999	1999-09-09 1998-07-27 1996-02-02 1995-	Patel, Ajit	We claim: <input type="checkbox"/> 1. A method of handling a telecommunications call, the method comprising: <input type="checkbox"/> receiving an initial address message for the call in a call processor; <input type="checkbox"/> receiving asynchronous communications for the call in a gateway wherein the asynchronous communications for the call include a first virtual identifier for routing the asynchronous communications; <input type="checkbox"/> in the call processor, processing the initial address message to select a second virtual identifier for routing the asynchronous communications; <input type="checkbox"/>
44	43	US6304580	Broadband telecommunications system interface	10/6/1999	1999-10-06 1996-11-22 1996-11-22 1995-	Patel, Ajit	We claim: <input type="checkbox"/> 1. A communication method comprising: <input type="checkbox"/> receiving GR-303 signaling associated with a GR-303 communication into a processing system; <input type="checkbox"/> processing the GR-303 signaling in the processing system to select an identifier for a non-GR-303 communication; <input type="checkbox"/> generating first information including the identifier; <input type="checkbox"/> transmitting the first information from the processing system; <input type="checkbox"/> receiving the first information and the GR-303 communication into a bearer interface; <input type="checkbox"/>
45	44	US6690674	System and method for interfacing a local communication device	10/20/1999	1999-10-20 1996-11-22	Yao, Kwang Bin	What is claimed is: <input type="checkbox"/> 1. A system for providing an interface for a call between a broadband system and a GR-303 system, the call having user communications and call signaling, the system comprising: <input type="checkbox"/> a signaling processor adapted to process the call signaling to select a broadband connection for the call and to provide a control message that identifies the selected broadband connection; <input type="checkbox"/> a converter adapted to receive the call signaling from the GR-303 system in a GR-303 format and to provide the call signaling to the signaling processor in a format processable by the signaling processor; <input type="checkbox"/>

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
46	45	US6788693	System and method for interfacing a local communication device	10/20/1999	1999-10-20 1996-11-22	Yao; Kwang Bin	What is claimed is: 1. A method of operating a communication system comprising: receiving Integrated Services Digital Network (ISDN) signaling into a signaling processing system; in the signaling processing system, processing the ISDN signaling to select an identifier for a header of a user communication, wherein the selected identifier is for routing the user communication in a packet format; transferring a control message from the signaling processing system indicating the selected identifier; receiving the control message into an interworking unit; receiving the user communication in an ISDN format into the
47	46	US7106750	System and method for interfacing a local communication device	10/20/1999	1999-10-20 1996-11-22	Yao; Kwang Bin	1. A call interface comprising: -an interworking unit configured to receive a setup message for a call, transfer the setup message to a signaling converter, receive communications for the call, and convert the communications for the call between a first communication format and a second communication format in response to a control message; -the signaling converter configured to receive the setup message for the call and convert the setup message between a first
48	47	US6343084	Broadband telecommunications system	11/12/1999	1999-11-12 1995-09-08 1994-05-05	Patel; Ajit	I claim: 1. A method of operating an interworking unit to handle a plurality of calls, the method comprising: receiving messages into the interworking unit on a call-by-call basis where each one of the messages indicates one of a plurality of synchronous connections and a corresponding one of a plurality of identifiers; receiving user communications for the calls from the synchronous connections indicated in the messages into the interworking unit;
49	48	US6452928	Broadband telecommunications system	11/12/1999	1999-11-12 1995-09-08 1994-05-05	Patel; Ajit	I claim: 1. An Asynchronous Transfer Mode (ATM) communication method comprising: receiving signaling associated with a user communication into a processing system; processing the signaling in the processing system to generate and transmit instructions indicating a virtual identifier and echo cancellation requirements; receiving the instructions and the user communication into an ATM interworking multiplexer;

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
50	49	US663828	Broadband telecommunications system	11/12/1999	1999-11-12 1995-09-08 1994-05-05	Patel, Ajit	I claim: 1. A communication method comprising: receiving signaling associated with a call into a processing system; processing the signaling in the processing system to generate a first message identifying a first connection and an identifier, a second message identifying a second connection, and additional signaling associated with the second connection; transmitting the first message, the second message, and the additional signaling from the processing system and receiving the first message into a first interworking unit and receiving the second message into a second interworking unit;
51	50	US6449280	Broadband telecommunications system	11/12/1999	1999-11-12 1995-09-08 1995-12-07 1994-05-05	Patel, Ajit	I claim: 1. A communication method comprising: receiving signaling including a called number associated with a user communication into a processing system; processing the signaling in the processing system to generate and transmit a Service Control Point (SCP) query; receiving the SCP query into an SCP; processing the SCP query in the SCP to generate and transmit an SCP response; receiving the SCP response into the processing system; processing the SCP response in the processing system to translate the called number and select an asynchronous virtual identifier for the user communication;
52	51	US6631133	Broadband telecommunications system	2/4/2000	2000-02-04 1996-02-02 1995-09-08 1994-05-05	Hsu, Alpus H.	We claim: 1. A communication method for a call comprising: receiving set-up signaling associated with the call into a processing system, wherein receiving the set-up signaling comprises receiving a called number; processing the set-up signaling in the processing system to select an identifier, wherein processing the set-up signaling to select the identifier comprises processing the called number to select the identifier; generating a message containing the identifier; transmitting the message from the processing system; receiving the message and a user communication associated with the call into an interworking unit; in the interworking unit, converting the user communication from a first

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner Primary	First or Exemplary Claim
53	52	US6501759	Broadband telecommunications system	2/4/2000	2000-02-04 1996-11-22	Pao; Seema S.	We claim: 1. A communication method for a call having a first message and call communications, the method comprising: receiving and processing the first message in a processing system to select a first identifier and generating and transferring from the processing system a second message identifying the first identifier; receiving the call communications and the second message into an asynchronous communication system, and in response to the second message, inserting the first identifier in the call communications and routing the call communications through the asynchronous communication system to a narrowband switch;
54	53	US6452932	Method, system and apparatus for telecommunications control	2/7/2000	2000-02-07 1998-05-20 1995-12-07 1994-05-05	Patel; Ajit	What is claimed is: 1. A method for handling a call having a first message and communications, the method comprising: receiving and processing the first message in a processing system external to narrowband switches to select one of the narrowband switches; generating a second message in the processing system based on the selected narrowband switch and transmitting the second message from
55	54	US6298064	Broadband telecommunications system	2/15/2000	2000-02-15 1999-07-15 1995-09-08 1994-05-05	Patel; Ajit	1 claim: 1. A communication method for a call comprising: receiving set-up signaling associated with the call into a processing system; processing the set-up signaling in the processing system to select a DS0 connection; generating a message identifying the DS0 connection; transmitting the message from the processing system; receiving the message and an asynchronous communication associated with the call into an interworking unit;
56	55	US6687244	ATM transport system	4/7/2000	2000-04-07 1997-09-18 1995-11-22	Jung; Min	What is claimed is: 1. A communications system comprising: a processor configured to receive signaling information associated with a continuous signal, process the signaling information to determine when the continuous signal transfers user information and to determine an identifier for asynchronous communications, transfer and enabling instruction for the identifier if the continuous signal will start transferring the user information, and transfer a disabling instruction for the identifier if the continuous signal will stop transferring the user information;

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
57	56	US6421344	ATM direct access line system	6/5/2000	2000-06-05 1996-02-02 1995-09-08 1994-05-05	Olms; Douglas	What is claimed is: 1. A telecommunications system for routing information in an asynchronous transfer mode (ATM) system with ATM cells that contain a virtual path identification/virtual channel identification (VPI/VCI), wherein the information is from a first DS0 in a first T1 Superframe/Extended Superframe (ESF/SF) system that uses robbed bit signaling and is routed by the ATM system to a second DS0 in a second T1 Superframe/Extended Superframe (ESF/SF) system that uses robbed bit signaling, wherein the system comprises;
58	57	US7203199	System and method for transporting a call	10/31/2000	2000-10-31 1997-05-13	Sarn; Phirin	1. A communication system comprising: <p>a first signaling processor configured to receive and process call signaling to generate and transfer a first control message indicating an identifier;</p> <p>a first interworking unit configured to receive voice-band communications and the first control message, determine if initial voice-band processing is required, perform the initial voice-band processing if required, convert the voice-band communications into asynchronous communications
59	58	US6470009	Broadband telecommunications system interface	3/7/2001	2001-03-07 1999-10-08 1990-11-22	Patel; Ajit	We claim: 1. A communication system comprising: a digital channel cross-connect configured to cross-connect individual digital channels with one another based on channel control signals; a remote terminal configured to exchange analog user communications and analog signaling with user communication devices, interwork the analog user communications with digital user communications, interwork the analog signaling with digital signaling, and exchange the digital user communications and the digital signaling with the digital channels; a digital signal processor configured, to exchange the digital user
60	59	US6577626	Telecommunications apparatus, system, and method with an enhanced signal transfer point	9/4/2001	2001-09-04 1998-07-16 1995-09-08 1994-05-05	Jung; Min	What is claimed is: 1. A method of operating a network routing system to handle a telecommunication signaling message, the method comprising: receiving the telecommunication signaling message into the network routing system wherein the telecommunication signaling message includes information for setting-up telecommunications, wherein the telecommunication signaling message has a first origination code representing a first originating device that originated the telecommunication signaling message, and wherein the telecommunication signaling message has a first destination code

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
61	60	US6633561	Method, system and apparatus for telecommunications control	11/14/2001	2001-11-14 1998-05-20 1995-12-07 1994-05-05	Patel; Ajit	<p>What is claimed is: □</p> <p>1. A method of operating a processing system to control a packet communication system for a user communication, the method comprising: □ receiving a signaling message for the user communication from a narrowband communication system into the processing system; □ processing the signaling message to select a network code that identifies a network element to provide egress from the packet communication system for the user communication; □ generating a control message indicating the network code; □ transferring the control message from the processing system to the</p>
62	61	US6560241	Broadband telecommunications system interface	1/7/2002	2002-01-07 1996-11-22 1995-09-08 1994-05-05	Nguyen; Steven	<p>We claim: □</p> <p>1. A signaling processing system for telecommunications calls, the signaling processing system comprising: □ a signaling processor configured to process Signaling System #7 (SS7) signaling, select a connection for a call, and provide a control message to an asynchronous multiplexer wherein the control message identifies the selected connection and causes the asynchronous multiplexer to interwork ISDN bearer communications into broadband bearer</p>
63	62	US6961339	Telecommunications system	2/4/2002	2002-02-04 1999-02-02 1996-11-22 1995-05-05	Ton; Dang	<p>1. A processing system to control routing for a user communication, wherein the processing system is external to communication systems that transfer the user communication, and wherein the processing system is coupled to the communication systems over control links, the processing system comprising: <p>a signaling platform configured to receive telecommunication signaling information for the user communication; </p> <p>an application platform configured to process</p> <p>We claim: □</p>
64	63	US6639912	Number portability in a communications system	2/15/2002	2002-02-15 1999-03-19 1996-11-22	Patel; Ajit	<p>1. A method for operating a communications system, the method comprising: □ receiving a call setup message including a called number into a signaling processor; □ processing the called number in the signaling processor to transmit a query; □ receiving a response message responsive to the query that includes number portability information for the called number; □ processing the number portability information to select an identifier for routing; □</p>

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
65	64	US6683878	ATM gateway system	4/10/2002	2002-04-10 1999-09-09 1998-07-27 1996-02-02 1995-12-07 1994-05-05	Patel; Ajit	We claim: 1. A method of handling a telecommunications call, the method comprising: receiving an initial address message for the call in a call processor; receiving asynchronous communications for the call in a gateway wherein the asynchronous communications for the call include a first virtual identifier for routing the asynchronous communications; in the call processor, processing the initial address message to select a second virtual identifier for routing the asynchronous communications; transferring an instruction indicating the second virtual identifier from
66	65	US6665294	Broadband telecommunications system	8/5/2002	2002-08-05 1999-11-12 1995-09-08 1994-05-05	Patel; Ajit	1. A telecommunication signal embodied in a tangible medium, the telecommunication signal comprising: a first signal component including user information from a narrowband communication signal; and a second signal component including an identifier for routing the user information, wherein the identifier is selected by processing a signaling message, wherein an interworking device receives the narrowband
67	66	US6667982	Broadband telecommunications system interface	9/9/2002	2002-09-09 2001-03-07 1999-10-06 1996-11-22	Patel; Ajit	We claim: 1. A broadband system interface configured to communicate with a remote terminal and a broadband network, the broadband system interface comprising: a signaling interface configured to receive first signaling having a first format from the remote terminal, process the first signaling to generate second signaling having a second format, and transmit the second signaling; a signaling processor configured to receive the second signaling from the signaling interface, process the second signaling to select a
68	67	US2003007492 A1	Broadband telecommunications system interface	9/9/2002	2002-09-09 2001-03-07 1999-10-06 1996-11-22		We claim: 1. A broadband system interface configured to communicate with a remote terminal and a broadband network, the broadband system interface comprising: <claim-text>a signaling interface configured to receive first signaling having a first format from the remote terminal, process the first signaling to generate second signaling having a second format, and transmit the second signaling; </claim-text> <claim-text>a signaling processor configured to receive
69	68	US6931008	Broadband telecommunications system	10/1/2002	2002-10-01 2000-02-04 1996-11-22	Pham; Chi	1. A communication system comprising: <p>a narrowband system configured to receive and process a first signaling message and a user communication to transfer a second signaling message and the user communication; </p> <p>an interworking system coupled to the narrowband system and configured to interwork between the user communication including a first header identifier and the user communication received by the narrowband system, and to interwork between the user communication transferred by the narrowband

All Continuations of Christie Patents

	A	B	C	D	E	F	G
1	Number	Publication Number	Title	Application Date	Priority Date	Examiner - Primary	First or Exemplary Claim
70	69	US2003026278 A1	Telecommunications systems	10/1/2002	2002-10-01 2000-02-04 1996-11-22		I claim: 1. A communication system comprising: a narrowband system configured to receive and process a first signaling message and a user communication; a second signaling message and the user communication; an interworking system coupled to the narrowband system and configured to interwork between the user communication including a first header identifier and the user communication received by the narrowband system, and to interwork between the user communication transferred
71	70	US6687340	System and method for providing enhanced services for a telecommunication call	1/6/2003	2003-01-06 1999-03-18 1996-11-22	Vincent; David	What is claimed is: 1. A communication system comprising: a signaling processor configured to receive and process Signaling System Seven (SS7) signaling for a call, and in response, to generate and transfer control messaging indicating identifiers that are used for routing; and a service platform system configured to receive the control messaging.
72	71	US2003148783 A1	System and method for providing enhanced services for a telecommunication call	1/6/2003	2003-01-06 1999-03-18 1996-11-22		What is claimed is: 1. A communication system comprising: a signaling processor configured to receive and process Signaling System Seven (SS7) signaling for a call, and in response, to generate and transfer control messaging indicating identifiers that are used for routing; and a service platform system
73	72	US2003169767 A1	Broadband telecommunications system interface	3/14/2003	2003-03-14 2002-01-07 1996-11-22 1995-09-08 1994-05-05		We claim: 1. A communication system to transfer user communications for a user comprising: a communication interface configured to receive signaling in a first signaling format, convert the signaling from the first signaling format into a second signaling format, and transfer the signaling in the second signaling format; a signaling processing system configured to receive and process the signaling in the second signaling format to select an
74	73	US2003189941 A1	Telecommunications apparatus, system, and method with an enhanced signal transfer point	4/8/2003	2003-04-08 2001-09-04 1998-07-16 1995-09-08 1994-05-05		What is claimed is: 1. A signaling network, comprising: a signaling transfer point configured to receive a call-related signaling message having a first point code, convert the first point code to a second point code in the signaling message, transfer the signaling message having the second point code, generate a management message having the second point code, convert the second point code to the first point code
75	74	US2005147101 A1	Broadband telecommunications system	7/29/2003	2003-07-29 2000-02-04 1996-02-02 1995-09-08 1994-05-05		1. A method of operating a communication system, the method comprising: receiving telecommunication signaling for calls into a signaling processor, and responsively on a call-by-call basis, selecting routing information based on the telecommunication signaling and transferring control messages indicating the routing information; and receiving the control messages and user communications for the calls into a communication unit, and responsively on the call-by-call