

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald P. Novick	11/15/2001
Didier P. Nicoulaz	11/12/2001
Diego Marty	11/12/2001
RECEIVING PARTY DATA	
Name:	TRANSWITCH CORPORATION
Street Address:	3 Enterprise Drive
City:	Shelton
State/Country:	CONNECTICUT
Postal Code:	06484
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10068168
CORRESPONDENCE DATA	
Fax Number:	(203)323-1803
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(203) 323-1800
Email:	pto@gordonjacobson.com
Correspondent Name:	Gordon & Jacobson, P.C.
Address Line 1:	60 Long Ridge Road
Address Line 2:	Suite 407
Address Line 4:	Stamford, CONNECTICUT 06902
ATTORNEY DOCKET NUMBER:	TRA-065
NAME OF SUBMITTER:	David P. Gordon

CH \$40.00 10068168

Total Attachments: 4
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PATENT
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ASSIGNMENT

WHEREAS, I, **Ronald P. Novlck**, ASSIGNOR, a citizen of the United States, residing at 258 Karen Drive, Orange, CT 06477 am the inventor of the invention in

**METHODS AND APPARATUS FOR SUPPORTING MULTIPLE UTOPIA MASTERS
ON THE SAME UTOPIA BUS**

with co-inventors **Didier P. Nicoulaz** and **Diego Marty** as described and set forth in an application for Letters Patent of the United States of America filed by me on the **13th** day of **November 2001** (**Docket # TRA-065**) serial no. 10/068,168

AND WHEREAS, **TRANSWITCH CORPORATION**, hereinafter referred to as the "said COMPANY", a corporation duly organized incorporated and existing under the laws of Delaware and having a place of business at 3 Enterprise Drive, Shelton, CT 06484, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof; and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue and foreign applications make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

PATENT**REEL: 020560 FRAME: 0217**

The undersigned hereby grant(s) David P. Gordon the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, **Ronald P. Novick**, have hereunto set my hand and seal this 15 day of November, 2001.

Ronald P. Novick (L.S.)

State of Connecticut }
County of Fairfield } ss.: Shelton

BE IT KNOWN, that on this 15 day of November 2001, personally appeared **Ronald P. Novick**, to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.

Gloria J. Verdi
Notary Public

SEAL

My commission expires :

GLORIA J. VERDI
Notary Public
My Commission Expires April 30, 2004

ASSIGNMENT

WHEREAS, we, **Didier P. Nicoulaz and Diego Marty**, ASSIGNORS, citizens of Switzerland residing at

ChemIn de Vieux-Moulin 32, Crissier, 1023 Switzerland; and
Chemin de Veilloud 56, Ecublens 1024, Switzerland, respectively

are the inventors of the invention in

**METHODS AND APPARATUS FOR SUPPORTING MULTIPLE UTOPIA MASTERS
ON THE SAME UTOPIA BUS**

with co-inventor **Ronald P. Novick**
as described and set forth in an application for Letters Patent of the United States of America executed by me on the 12th day of November 2001
(Docket # **TRA-065**) serial no. 10/068,168

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof; and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for Industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

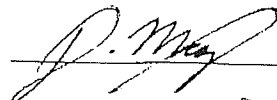

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith.

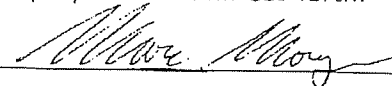
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue and foreign applications make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

The undersigned hereby grant(s) David P. Gordon the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, we, **Didier P. Nicoulaz and Diego Marty**, have hereunto set our hands and seals this 12th day of November, 2001.

 _____ (L.S.)
 _____ (L.S.)

BE IT KNOWN, that on this 12th day of November, 2001 personally appeared **Didier P. Nicoulaz and Diego Marty**, who acknowledged that he executed the above assignment of his own free will and for the purposes therein set forth.

 _____
Witness
Name: Marc MORGAN