

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Pawan Jaggi</td><td>03/26/2003</td></tr><tr><td>Marvin R. Young</td><td>03/26/2003</td></tr><tr><td>William David Bragg</td><td>03/26/2003</td></tr></table>	Name	Execution Date	Pawan Jaggi	03/26/2003	Marvin R. Young	03/26/2003	William David Bragg	03/26/2003	
Name	Execution Date								
Pawan Jaggi	03/26/2003								
Marvin R. Young	03/26/2003								
William David Bragg	03/26/2003								
RECEIVING PARTY DATA									
Name:	CELION NETWORKS, INC.								
Street Address:	3101 E. President George Bush Turnpike								
Internal Address:	Suite 250								
City:	Richardson								
State/Country:	TEXAS								
Postal Code:	75082								
PROPERTY NUMBERS Total: 1									
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>11514730</td></tr></table>	Property Type	Number	Application Number:	11514730					
Property Type	Number								
Application Number:	11514730								
CORRESPONDENCE DATA									
Fax Number:	(215)568-3439								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	215-568-3100								
Email:	calvo@woodcock.com								
Correspondent Name:	Woodcock Washburn LLP								
Address Line 1:	2929 Arch Street								
Address Line 2:	Cira Centre, 12th Floor								
Address Line 4:	Philadelphia, PENNSYLVANIA 19104								
ATTORNEY DOCKET NUMBER:	IVPD-0075								
NAME OF SUBMITTER:	Janis Calvo								

CH \$40.00 11514730

Total Attachments: 4

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PATENT

REEL: 019017 FRAME: 0360

ASSIGNMENT

WHEREAS, We, Pawan Jaggi, a citizen of United States, and resident of Plano, TX, Marvin R. Young, a citizen of the United States of America, and resident of Richardson, TX, and William David Bragg, a citizen of United States, and resident of Plano, TX have invented certain new and useful improvements in "DISTRIBUTED TERMINAL OPTICAL TRANSMISSION SYSTEM", the specification of which is filed herewith;

WHEREAS, Celion Networks, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 3101 E. President George Bush Turnpike, Suite 250, Richardson, Texas 75082, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

DOCKET NO. 21071.0120

PATENT

Date: 3/26/03

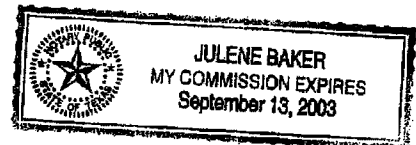
Pawan Jaggi
Pawan Jaggi

State of Texas §

County of Collin §

Before me personally appeared Pawan Jaggi and acknowledged the foregoing instrument to be his free act and deed this 26 day of March, 2003.

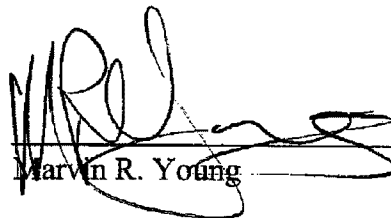
Julene Baker
Notary Public



DOCKET NO. 21071.0120

PATENT

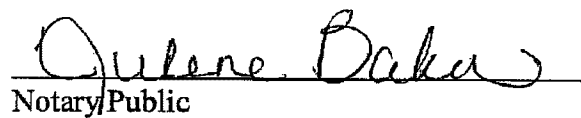
Date: 3/26/03

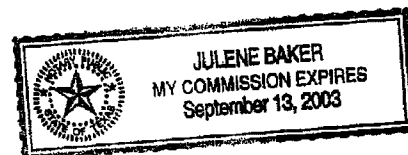

Marvin R. Young

State of Texas §

County of Collin §

Before me personally appeared Marvin Young and acknowledged the foregoing instrument to be his free act and deed this 26 day of March, 2003.


Notary Public



DOCKET NO. 21071.0120

PATENT

Date: 3/26/03

William David Bragg
William David Bragg

State of Texas §

County of Collin §

Before me personally appeared W. Bragg and acknowledged the foregoing instrument to be his free act and deed this 26 day of March, 2003.

Julene Baker
Notary Public

