

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Henry A. Blauvelt	05/15/2008
Albert M. Benzoni	05/08/2008
Rolf A. Wyss	05/08/2008

RECEIVING PARTY DATA

Name:	HOYA Corporation USA dba Xponent
Street Address:	425 East Huntington Drive
City:	Monrovia
State/Country:	CALIFORNIA
Postal Code:	91016

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12114605

CORRESPONDENCE DATA

Fax Number: (800)853-6150
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 626-795-9900
Email: dalavi@northwestpatent.com
Correspondent Name: Syed A. Hasan
Address Line 1: 350 West Colorado Blvd
Address Line 2: Christie Parker & Hale LLP
Address Line 4: Pasadena, CALIFORNIA 91105

ATTORNEY DOCKET NUMBER:

XPNT52NP

NAME OF SUBMITTER:

David S Alavi Reg No 40310

Total Attachments: 3

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PATENT

REEL: 021023 FRAME: 0707

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ASSIGNMENT

WHEREAS, I, Albert M. Benzoni, a resident of South Pasadena, CA, have invented certain new and useful improvements disclosed in a non-provisional application for United States Letters Patent entitled Optical element for free-space propagation between an optical waveguide and another optical waveguide, component, or device (filed on 05/02/2008; App. No. 12/114,605);

AND WHEREAS HOYA Corporation USA, a California corporation, having a place of business at 101 Metro Drive, Suite 500, San Jose, California, 95110 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said non-provisional application, and all divisions, and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant 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 ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

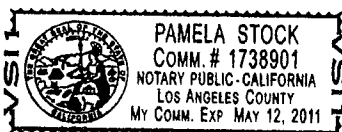
IN TESTIMONY WHEREOF, I hereunto set my hand this 8th day of May, 2008.

Albert M. Benzoni
Albert M. Benzoni

STATE OF California)
COUNTY OF Los Angeles)

On May 8, 2008, before me Pamela Stock, Notary Public, personally appeared ALBERT M. BENZONI who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Pamela Stock
Signature of Notary

ASSIGNMENT

WHEREAS, I, Henry A. Blauvelt, a resident of San Marino, CA, have invented certain new and useful improvements disclosed in a non-provisional application for United States Letters Patent entitled Optical element for free-space propagation between an optical waveguide and another optical waveguide, component, or device (filed on 05/02/2008; App. No. 12/114,605);

AND WHEREAS HOYA Corporation USA, a California corporation, having a place of business at 101 Metro Drive, Suite 500, San Jose, California, 95110 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said non-provisional application, and all divisions, and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant 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 ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

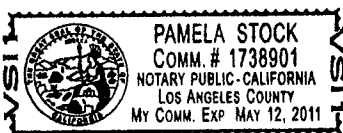
IN TESTIMONY WHEREOF, I hereunto set my hand this 15th day of May, 2008.

Henry A. Blauvelt

STATE OF California)
COUNTY OF Los Angeles)

On May 15, 2008, before me Pamela Stock, Notary Public, personally appeared HENRY A. BLAUVELT who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Pamela Stock

Signature of Notary

ASSIGNMENT

WHEREAS, I, Rolf A. Wyss, a resident of Glendale, CA, have invented certain new and useful improvements disclosed in a non-provisional application for United States Letters Patent entitled Optical element for free-space propagation between an optical waveguide and another optical waveguide, component, or device (filed on 05/02/2008; App. No. 12/114,605);

AND WHEREAS HOYA Corporation USA, a California corporation, having a place of business at 101 Metro Drive, Suite 500, San Jose, California, 95110 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said non-provisional application, and all divisions, and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant 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 ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 8th day of May, 2008.

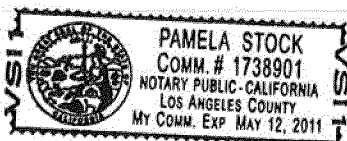
Rolf A. Wyss

STATE OF California)
COUNTY OF Los Angeles)

On May 8, 2008, before me Pamela Stock, Notary Public, personally appeared ROLF A. WYSS who proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Pamela Stock
Signature of Notary