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| 1. | riams of controlling party (roo). | 1 / 50222 address of receiving party: | |
| | Scott A. Beals and Ronald D. Hammer | Name: SEMPRA FIBER LINKS | |
| | Additional name(s) of conveying party(ies) attached? Yes No | Internal Address: | |
| 3. | Nature of conveyance: | U E E E E E E E E E E E E E E E E E E E | |
| | | City:State: Zip: | |
| | ☐ Security Agreement ☐ Change of Name | 01 - 1 4 1 1 - 404 4 1 01 - 1 | |
| | Other | Street Address: 101 Ash Street | |
| | | City: San Diego State: CA Zip: 92191 | |
| | Execution Date: June 4, 2001 and June 4, 2001 | | |
| | A - Line king or work or / a \ a - a - a - a - a - a - a - a - a - | Additional name(s) & address(es) attached? | |
| 4. | Application number(s) or patent number(s): If this document is being filed together with a new application | n, the execution date of the application is: June 6 2001 | |
| Α. | Patent Application No(s).: | B. Patent No(s).: | |
| Λ. | NYCTI CAN | D. 1 dient 110(3) | |
| Additional numbers attached? Yes No | | | |
| 5. | Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 | |
| | concerning document should be mailed: Name: Kenneth H. Ohriner | 7 Total fee (27 CFD 2 44); | |
| | Name. Remediati. Stimer | 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed | |
| | Internal Address: LYON & LYON LLP | 2 | |
| | 633 West Fifth Street, Suite 4700 | ☐ Charge this Deposit Account if any additional fee is | |
| | Los Angeles, CA 90071-2066 | required | |
| | | 8. Deposit Account Number: 12-2475 | |
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| 9 | (ennett) N. Ohrmes | Date: June 6, 2001 | |
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PATENT REEL: 011900 FRAME: 0838

Patent

Attorney Docket: 261/220

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, SCOTT A. BEALS and RONALD D. HAMMER, citizens of U.S.A.,

(hereinafter referred to as "ASSIGNORS"), have invented a Methods and Systems for Installing A

Cable Into A Gas Pipeline for which application for Letters Patent of the United States of America

has been executed on even date herewith; and

WHEREAS, SEMPRA FIBER LINKS, a corporation organized and existing under and by

virtue of the laws of the State of California and having its principal place of business at 101 Ash

Street, San Diego, California 92101 (hereinafter referred to as "ASSIGNEE"), is desirous of

acquiring the exclusive right, title and interest in, to and under said invention and in, to and under

any Patent or similar legal protection to be obtained therefor in the United States of America, its

territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby

acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its

successors and assigns, the full and exclusive right, title and interest to said invention and to all

Letters Patent or application or similar legal protection, not only in the United States and its

territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said

application, and to any continuation, division, renewal, substitute or reissue thereof or any legal

equivalent thereof in the United States or a foreign country for the full term or terms for which the

same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in

accordance with this Assignment.

LA-196747.1

PATENT REEL: 011900 FRAME: 0839

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

| WITNESS my hand at Los Angeles |
|--|
| California, this 4th day of June, 2001. |
| See See See |
| SCOTT A. BEALS |
| STATE OF CALIFORNIA) |
| COUNTY OF LOS Angeles) ss |
| STATE OF CALIFORNIA (COUNTY OF LOS Angeles) On 6-4-01 before me, Fay Lum-Lee, personally appeared Scott A. Plats |
| personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, |

WITNESS my hand and official seal.

executed the instrument.

| WITNESS my hand at 555 W. FIFTH ST. LOS AUGELES, | | |
|--|--|--|
| California, this _ST day of _JUJE , 2001. | | |
| The Stammer of the state of the | | |
| RONALD D. HAMMER | | |
| STATE OF CALIFORNIA) | | |
| COUNTY OF LOS Angeles) ss | | |
| On Just 4,2001 before me, Fay Lum-Lee, personally appeared Ronald D. Itanmer | | |
| personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. | | |
| WITNESS my hand and official seal. Notary Public in and for said County and State | | |
| FAY LUM LEE COMM. # 1285182 NOTARY PUBLIC CALIFORNIA () LOS ANGELES COUNTY () COMM. EXP. NOV. 23, 2004 | | |

RECORDED: 06/07/2001