

11-30-2000

[EET

11/3/00



10841 U.S. PTO
09/706195
11/03/00

TO THE ASSISTANT COMMISSIONER F

101533078

al documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

2. Name and address of receiving party(ies):

(1) Peter Smith. (2) Kenneth L. Stanwood. (3) Christopher D. Macy

Name: Ensemble Communications
Internal Address: 9890 Towne Centre Drive
Street Address: Same
City: San Diego State: Ca ZIP: 92121

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

4. Application number(s) or Patent number(s):

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

(X) Application(s) filed herewith
Execution Date(s): November 2, 2000

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) November 3, 2000

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

9/706195

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

7. Total fee (37 CFR 3.41): \$40

Name: Michael L. Fuller
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20.995

(X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: ENSEMB.032A

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: one

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Michael L. Fuller
Name of Person Signing

Signature

November 3, 2000
Date

36,516
Registration No.



Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, We:

Peter Smith, a United States citizen, residing at 1103 NIKEL AVENUE SAN DIEGO CA 92109-2057,
Kenneth L. Stanwood, a United States citizen, residing at 2403 Montgomery Ave., Cardiff-by-the-Sea, CA 92007
Christopher D. Macy, a United States citizen, residing at 1859 Missouri St., San Diego CA 92109,
and;
Ofer Zimmerman, an Israeli citizen, residing at _____,
have invented certain new and useful improvements in **OUTDOOR UNIT PROGRAMMING SYSTEM** for
which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Ensemble Communications (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 9890 Towne Centre Drive, San Diego, Ca 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we 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 throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements 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 of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements 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 will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue 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 patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

Peter Smith
Peter Smith

STATE OF CALIFORNIA }
COUNTY OF SANDIEGO } ss.

On NOV 3, 2000, before me, KATHLEEN CAHILL, personally appeared Peter Smith 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



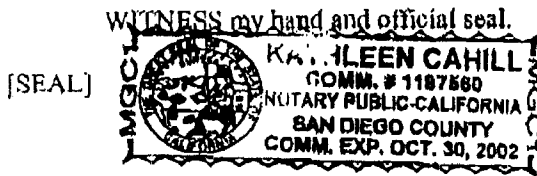
Kathleen Cahill
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Kenneth L. Stanwood
Kenneth L. Stanwood

STATE OF CALIFORNIA }
COUNTY OF SANDIEGO } ss.

On NOV 3, 2000, before me, KATHLEEN CAHILL, personally appeared Kenneth L. Stanwood 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Kathleen Cahill
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of NOV, 2000

Christopher D. Macy
Christopher D. Macy

STATE OF CALIFORNIA] ss.
] ss.
COUNTY OF SAN DIEGO

On NOV 3, 2000, before me, KATHLEEN CAHILL, personally appeared Christopher D. Macy 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Kathleen Cahill
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Ofer Zimmerman

STATE OF _____] ss.
] ss.
COUNTY OF _____

On _____, before me, _____, personally appeared Ofer Zimmerman 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL] _____
Notary Signature