

RECORD/

03-29-2002

Attorney Docket U 013678-8



102036143

To the Patentable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. DORON VALADARSKY
2. ADIR PRIDOR
3. NIR KAFTAN

3.22.02

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

☒ Yes ☐ No

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

Name: TTI-TEAM TELECOM INTERNATIONAL LTD.

Address: 7 MARTIN GEHL STREET KIRYAT ARIE
PETACH TIKVA 49512 ISRAEL

3. Nature of conveyance:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Change of Address |

Additional name(s) & addresses(es) attached?

☐ Yes ☒ No

Execution Date(s):

1. December 29, 2001
2. December 26, 2001
3. December 29, 2001

4. Application number(s) or patent number(s)

☐ Being filed together with a new application.☒ Patent Application No.(s): 09/978,846☐ Patent No.(s):Additional numbers attached? ☐ Yes ☒ No

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

Name: JULIAN H. COHEN
Address: Ladas & Parry
26 West 61st Street
New York, N.Y. 10023

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00 @ \$40.00 each

- ☒ Check Enclosed
- ☒ Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

DO NOT USE THIS SPACE

9. Signature:

JULIAN H. COHEN

Name of Person Signing

Signature

March 15, 2002

Date

Total number of pages including coversheet, attachments, and documents:

9

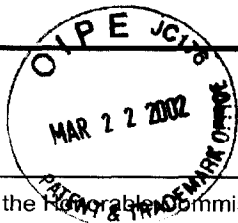
03/29/2002 T0IAZ1 00000038 09978846

Q1 FC:561

40.00 DP

(Assignment (Document) Cover Sheet—page 2 of 2) 16-6a

PATENT
REEL: 012716 FRAME: 0662



RECORDATION FORM COVER SHEET PATENTS ONLY

Attorney Docket U 013678-8

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. SHLOMO MALLAL
2. ALEXANDER PAVLENKO
3. YUVAL LIFSHITZ

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

☒ Yes ☐ No

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

Name:

Address:

3. Nature of conveyance:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Change of Address |

Additional name(s) & addresses(es) attached?

☐ Yes ☐ No

Execution Date(s):

1. December 27, 2001
2. January 1, 2002
3. December 27, 2001

4. Application number(s) or patent number(s)

☐ Being filed together with a new application.

☐ Patent Application No.(s):

☐ Patent No.(s):

Additional numbers attached? ☐ Yes ☐ No

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

Name:

Address: Ladas & Parry
26 West 61st Street
New York, N.Y. 10023

6. Total number of applications and patents involved:



7. Total fee (37 CFR 3.41) \$ _____ @ \$40.00 each

☐ Check Enclosed

☒ Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

DO NOT USE THIS SPACE

9. Signature:

Name of Person Signing

Signature

Date

Total number of pages including coversheet, attachments, and documents:



RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. LEV BREGMAN
2. ALEXANDER VIRTSEY
3. IGOR KOUPECHMIDT

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

☐ Yes ☒ No

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

Name:

Address:

3. Nature of conveyance:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Change of Address |

Additional name(s) & addresses(es) attached?

☐ Yes ☐ No

Execution Date(s):

1. December 27, 2001
2. December 27, 2001
3. December 27, 2001

4. Application number(s) or patent number(s)

☐ Being filed together with a new application.

☐ Patent Application No.(s):

☐ Patent No.(s):

Additional numbers attached? ☐ Yes ☐ No

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

Name:

Address: Ladas & Parry
26 West 61st Street
New York, N.Y. 10023

6. Total number of applications and patents involved:



7. Total fee (37 CFR 3.41) \$ _____ @ \$40.00 each

☐ Check Enclosed

☒ Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

DO NOT USE THIS SPACE

9. Signature:

Name of Person Signing _____

Signature _____

Date _____

Total number of pages including coversheet, attachments, and documents: 

For: ☐ U.S. and/or ☐ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>DORON VALADARSKY</u> <i>(type or print name of inventors)</i>	<u>1 HAARBEL STREET, HOD HASHARON</u> <u>45345 ISRAEL</u> Address ISRAELI Nationality
<u>ADIR PRIDOR</u>	<u>4 YEHUDA HANACHTOM STREET</u> <u>BEER SHEVA 84249 ISRAELI</u> Address ISRAELI Nationality
<u>NIR KAFTAN</u>	<u>15 HA-ODEM STREET HOD HASHARON</u> <u>45350 ISRAEL</u> Address ISRAELI Nationality
<u>SCHLOMO MALLAL</u>	<u>121 HERZEL STREET JERUSALEM 96228</u> <u>ISRAEL</u> Address ISRAELI Nationality
<u>ALEXANDER PAVLENKO</u>	<u>15 BAR YEHUDA STREET BAT YAM</u> <u>ISRAEL</u> Address ISRAELI Nationality

ADDED PAGE TO ASSIGNMENT FOR SIGNATURE BY SUBSEQUENT INVENTORS

ASSIGNORS (Inventors):

YUVAL LIFSHITZ

(type or print name of inventors)

36 EHUD STREET MENORAH ISRAEL

Address

ISRAELI

Nationality

LEV BREGMAN

40/12 MOSHE SHARET STREET

BEER SHEVA 84785 ISRAEL

Address

ISRAELI

Nationality

ALEXANDER VIRTSER

15/8 LAGUARDIA STREET

TEL AVIV 67611 ISRAEL

Address

ISRAELI

Nationality

IGOR KOUPERCHMIDT

20/9 SHALOM ASH STREET

BEER-SHEER 84263 ISRAEL

Address

ISRAELI

Nationality

Address

Nationality

(Assignment of Invention—Multiple Inventors—Added Page) 16-3.2

(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to
ASSIGNEE
TTI-TEAM TELECOM INTERNATIONAL
LTD.

(type or print name of ASSIGNEE)

ISRAELI

Nationality

7 MARTIN GEHL STREET KIRYAT ARIE

Address

PETACH TIKVA 49512 ISRAEL

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:
TOPOLOGY-BASED REASONING APPARATUS FOR ROOT-CAUSE ANALYSIS OF
NETWORK FAULTS

Name of inventor(s) DORON VALADARSKY, ADIR PRIDOR, NIR KAFTAN,

SHLOMO MALLAL, ALEXANDER PAVLENKO, YUVAL LIFSHITZ, LEV BREGMAN
ALEXANDER VIRTSER, IGOR KOUPERCHIMDT

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-
entitled invention.
☐ Express mail label no.: _____
Mailed: _____
☐ To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney to
insert below the filing date and application number when they become
known.
(d) ☒ U.S. application no. 09/978,846
filed on October 17, 2001
(e) ☐ International application no. PCT/_____/_____
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding
patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)


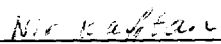
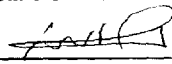
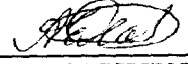
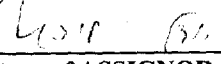
(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives 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 thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application. if item (a) was checked above.

<u>DORON VALADARSKY</u> (type name of Assignor)	(X) <u></u> Signature of ASSIGNOR	this (X) <u>29.12.01</u> date of signing
<u>ADIR PRIDOR</u> (type name of Assignor)	(X) _____ Signature of ASSIGNOR	this (X) _____ date of signing
<u>NIR KAFTAN</u> (type name of Assignor)	(X) <u></u> Signature of ASSIGNOR	this (X) <u>29.12.2001</u> date of signing
<u>SHLOMO MALLAL</u> (type name of Assignor)	(X) <u></u> Signature of ASSIGNOR	this (X) <u>27/12/2001</u> date of signing
<u>ALEXANDER PAVLENKO</u> (type name of Assignor)	(X) <u></u> Signature of ASSIGNOR	this (X) <u>01/01/2002</u> date of signing
<u>YUVAL LIFSHITZ</u> (type name of Assignor)	(X) <u></u> Signature of ASSIGNOR	this (X) <u>27/12/2001</u> date of signing
<u>LEV BREGMAN</u> (type name of Assignor)	(X) _____ Signature of ASSIGNOR	this (X) _____ date of signing
<u>ALEXANDER VIRTSER</u> (type name of Assignor)	(X) _____ Signature of ASSIGNOR	this (X) _____ date of signing
<u>IGOR KOUPERCHIMDT</u> (type name of Assignor)	(X) _____ Signature of ASSIGNOR	this (X) _____ date of signing

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(also check (g), if foreign application(s) is also being assigned)

(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives 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 thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above

DORON VALADARSKY

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

date of signing

ADIR PRIDOR

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

26/12/01
date of signing

NIR KAFTAN

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

date of signing

SHLOMO MALLAL

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

date of signing

ALEXANDER PAVLENKO

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

date of signing

YUVAL LIFSHITZ

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

date of signing

LEV BREGMAN

(type name of Assignor)

☒

Signature of ASSIGNOR

X this ☒

27/12/01 L.B.
date of signing

ALEXANDER VIRTSEER

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

27/12/01
date of signing

IGOR KOUPERCHIMDT

(type name of Assignor)

☒

Signature of ASSIGNOR

this ☒

27/12/01
date of signing

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution, 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.