

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|---------------------------|---------------|-----------------------|---------------------|---------------------------|--------------|-------------|----------------|------------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Omri Hovers</td><td>04/16/2002</td></tr><tr><td>Shahar Kagan</td><td>04/16/2002</td></tr><tr><td>Eran Shenhar</td><td>04/16/2002</td></tr></tbody></table> | | Name | Execution Date | Omri Hovers | 04/16/2002 | Shahar Kagan | 04/16/2002 | Eran Shenhar | 04/16/2002 | | |
| Name | Execution Date | | | | | | | | | | |
| Omri Hovers | 04/16/2002 | | | | | | | | | | |
| Shahar Kagan | 04/16/2002 | | | | | | | | | | |
| Eran Shenhar | 04/16/2002 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>Wireless Online, Inc.</td></tr><tr><td>Street Address:</td><td>2880 San Tomas Expressway</td></tr><tr><td>City:</td><td>Santa Clara</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95051</td></tr></table> | | Name: | Wireless Online, Inc. | Street Address: | 2880 San Tomas Expressway | City: | Santa Clara | State/Country: | CALIFORNIA | Postal Code: | 95051 |
| Name: | Wireless Online, Inc. | | | | | | | | | | |
| Street Address: | 2880 San Tomas Expressway | | | | | | | | | | |
| City: | Santa Clara | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | |
| Postal Code: | 95051 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11514282</td></tr></tbody></table> | | Property Type | Number | Application Number: | 11514282 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11514282 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: (503)439-6558 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: 503-439-6500 | | | | | | | | | | | |
| Email: jflynn@bltg-ip.com | | | | | | | | | | | |
| Correspondent Name: Berkeley Law & Technology Group LLC | | | | | | | | | | | |
| Address Line 1: 1700 NW 167th Place | | | | | | | | | | | |
| Address Line 4: Beaverton, OREGON 97006 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 012.P4016C | | | | | | | | | | |
| NAME OF SUBMITTER: | Julianne Flynn | | | | | | | | | | |
| Total Attachments: 2 source=JJF_4016#page1.tif source=JJF_4016#page2.tif | | | | | | | | | | | |

CH \$40.00 11514282

PATENT

500183566

REEL: 018548 FRAME: 0330

ATTORNEY DOCKET NO.
067056.0152

PATENT APPLICATION

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Wireless Online, Inc. (hereinafter referred to as "Assignee"), a California corporation, with an address of 2880 San Tomas Expressway, Santa Clara, California 95051, desires to acquire our 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 and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee all 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, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, 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 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 right, title and interest in Assignee.

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

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.
067056.0152

PATENT APPLICATION

2

Title of Invention:

*METHOD AND APPARATUS FOR BEAM
SELECTION IN A SMART ANTENNA SYSTEM*

Signature of Inventor:
Inventor's Name:


Omri Hovers

Residence (City, County, State)

Petah Tikva 49323, Israel

Date:

April 16, 2002

Date Application Executed:

April 16, 2002

Signature of Inventor:
Inventor's Name:


Shahar Kagan

Residence (City, County, State)

Nes-Chiyona Israel

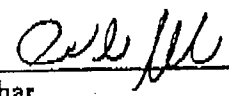
Date:

April 16, 2002

Date Application Executed:

April 16, 2002

Signature of Inventor:
Inventor's Name:


Eran Shenhar

Residence (City, County, State)

Yaaf, Doar Na Sharon Tichon 45886 Israel

Date:

April 16, 2002

Date Application Executed:

April 16, 2002