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OMB No. 0651-0027 (exp. 5/31/2002)	01840574
To the Honorable Commissioner of Patents and Trademarks: Pl	lease record the attached original documents or copy thereof
1. Name of conveying party(ies): Shimon B. Scherzer, et al. Scot D. Gordon Gary A. Martek Deepa Ramakrishna Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: May 23, 2001 May 23, 2001 May 29, 2001 May 29, 2001	2. Name and address of receiving party(ies) Name: Metawave Communications Corporation Internal Address: Street Address: 10735 Willows Road, N.E. City: Redmond State: Washington Zip: 98052 Additional name(s) & address(es) attached:
NYA D9878599	ecution date of the new application is:May 23, 2001B. Patent No.(s):
Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name: R. Ross Viguet FULBRIGHT & JAWORSKI L.L.P. Internal Address: Atty. Dkt.: DO-047586/P065US/10102049 Street Address: 2200 Ross Avenue Suite 2800	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) x Enclosed Authorized to be charged to deposit account 8. Deposit account number: 06-2380
City: 75201 (Attach duplicate copy of this page if paying by deposit account) A0.00 OP DO NOT USE THIS SPACE 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. R. Ross Viguet Signature Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: 2	
Recordation Form Cover Sheet I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL315114585US, in an envelope addressed to: Box Assignments, Commissioner for Patents, Washington, DC 20231, on the date shown below. Dated: June 11, 2001Signature:	

06/20/2001 01 FC:581

Attorney Docket No. 47586-P065US-10102049

David H. Tannenbaum Fulbright & Jaworski L.L.P. 2200 Ross Avenue, Suite 2800 Dallas, Texas 75201

ASSIGNMENT

WHEREAS, we, the undersigned 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, Metawave Communications Corporation, , having a principal place of business located at (herein called "Assignee"), 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.

Title of Invention: SHAPABLE ANTENNA BEAMS FOR CELLULAR NETWORKS

Full name of sole or first Inventor: Shimon B. Scherzer

Inventor's signature _

Country of Citizenship: U.S.A.

Date of Assignment:

Date Application Executed:

Residence: 1648 Mariani Drive, Sunnyvale CA 94087

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Attorney Docket No. 47586-P065US-10102049

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Full name of second Inventor, if any: Scot D. Gordon

Inventor's signature ____

Country of Citizenship: U.S.A.

Date of Assignment: 5/23/01

Date Application Executed: 5 /23/01

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Full name of third Inventor, if any: Gary A. Martek

Inventor's signature _______ Mark

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Date of Assignment: S-23-266/

Date Application Executed: 5- 23-2001

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