

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Kyuichi Sato</td> <td>04/20/2009</td> </tr> <tr> <td>Junichi Noro</td> <td>04/20/2009</td> </tr> <tr> <td>Takeshi Iizuka</td> <td>04/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kyuichi Sato	04/20/2009	Junichi Noro	04/20/2009	Takeshi Iizuka	04/20/2009
Name	Execution Date								
Kyuichi Sato	04/20/2009								
Junichi Noro	04/20/2009								
Takeshi Iizuka	04/20/2009								
RECEIVING PARTY DATA									
Name:	Mitsumi Electric Co., Ltd.								
Street Address:	2-11-2, Tsurumaki, Tama-shi								
City:	Tokyo								
State/Country:	JAPAN								
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>12427971</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12427971				
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Application Number:	12427971								
CORRESPONDENCE DATA									
Fax Number:	(703)787-7557								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-787-9400								
Email:	karen@wcc-ip.com								
Correspondent Name:	WHITHAM, CURTIS & CHRISTOFFERSON & COOK,								
Address Line 1:	11491 SUNSET HILLS ROAD								
Address Line 2:	SUITE 340								
Address Line 4:	RESTON, VIRGINIA 20190								
ATTORNEY DOCKET NUMBER:	02410457AA								
NAME OF SUBMITTER:	Michael E. Whitham								
<p>Total Attachments: 3 source=02410457AA-assign#page1.tif source=02410457AA-assign#page2.tif</p>									

CH \$40.00 12427971

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**PATENT
 REEL: 022580 FRAME: 0234**

**ASSIGNMENT OF UNFILED APPLICATION
FOR UNITED STATES PATENT**

WHEREAS: Kyuichi SATO, Junichi NORO and Takeshi IIZUKA

all of c/o MITSUMI ELECTRIC CO., LTD., 2-11-2,
Tsurumaki, Tama-shi, Tokyo 206-8567, Japan

NAME AND ADDRESS
OF ASSIGNOR:

(Hereinafter referred to as ASSIGNOR), have invented and
own a certain invention entitled:

TITLE OF INVENTION:

COMPOSITE ANTENNA APPARATUS

(hereinafter referred to as INVENTION) for which application
for Letters Patent of the United States has been executed on
even date herewith,

WHEREAS:

FULL NAME AND ADDRESS
OF ASSIGNEE:

MITSUMI ELECTRIC CO., LTD.,
2-11-2, Tsurumaki, Tama-shi, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring
the entire interest in, to and under said invention and in, to and
under Letters Patent or similar legal protection to be obtained
therefore in the United States and in any and all foreign
countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be
it known that good and valuable consideration from
ASSIGNEE to ASSIGNOR, the receipt of which is hereby
acknowledged, ASSIGNOR hereby sells, assigns and transfers
to ASSIGNEE the full and exclusive right, title and interest to
said invention and all Letters Patent of the United States to be
obtained therefor on said application or any continuation,
division, renewal, substitute or reissue thereof for the full term
or terms for which the same may be granted.

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 and sale;
ASSIGNOR further covenants 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 as may be known and accessible to ASSIGNOR 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 and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

DATE OF SIGNING:

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 20th day of April, 2009.

Warning: This must be the same as the date of signing of the declaration and power of attorney of the patent or design application.

SIGNATURE(S):

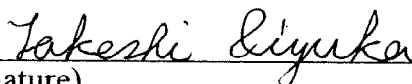
The signature(s) must correspond with the name(s) of the inventor(s) above. Type name(s) of inventor(s) under signature line(s).



(Signature) Kyuichi SATO



(Signature) Junichi NORO



(Signature) Takeshi IIZUKA

WITNESS:

Instructions for assignment signing:

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed. No witnessing or legalization is necessary. However, if this assignment is legalized, then it will be *prime facie* evidence of the execution of the assignment.