RE(

05-24-2001

SHEET

Docket No. 01298/LH

101724388

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

1. Name of conveying party(ies): 05/17/0/

Junichi NORO Hirokazu AWA Masaaki MIYATA 2. Name and address of receiving party(ies):

Mitsumi Electric Co. Ltd. 8-8-2, Kokuryo-cho, Chofu-shi, Tokyo Japan



3. Nature of conveyance:	: - ASSIGNMENT				
Execution Date(s): May	<u>15, 2001</u> , <u>M</u> a	y 15, 2001	, <u>May 11, 2001</u>	•	
			-1	, respectively	
4. Application number(s)	or patent number(s):				
If this document is bein	g filed together with a new app	olication, the execution	on date of the application is as f	follows:	
May 15, 2001	, <u>May 15, 2001</u>	, <u>May 11,</u>	2001		
G					
_87				, respectively	
A. Patent Application No. (s)		B. Pater	B. Patent No.(s)		
09/85924	6				
_	party to whom correspondence	concerning docume	ont should be mailed:		
	. ,	· ·			
767 Th	UF, HOLTZ, GOODMAN, LA ird Avenue, 25th Floor ork, New York 10017-2023		.c.		
6. Total number of applications and patents involved: one		7. Total	7. Total fee (37 CFR 3.41): \$ 40.00		
		[] Amou	[] Amount included with filing fee attached hereto.		
		[X] Ched	[X] Check enclosed.		
8. To the extent not tender	ed by check, authorization is given	to charge the Assignm	ent Fee (37 CFR.341) to Account N	o. 06-1378.	
9. Statement and signature	:		/		
To the best of my original document.		g information is true and	d correct and any attached copy is a	a true copy of the	
Dated: May 17, 2001	By:	eonard Holtz, Reg. No. :	22/974		
Express Mail" Mailing Lab	oel No. EL 797 382 511 US				
Date of Deposit: May 17	-				
I hereby certify that the "Express Mail Post Office Commissioner of Patent an	is paper and enclosed applicati e Addresses" service under 37 (nd Trademarks, Washington, D.C.	on and fee are being CFR 1.10 on the date 20231.	g deposited with the United Star indicated above and is addresse	tes Postal Service ed to the	
Parkara					
Barbara Villani 9/4/92		Total nu	umber of pages comprising cover	sheet: 2	

U.S. Attorney Docket _____

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

HELICAL ANTENNA, ANTENNA UNIT, COMPOSITE ANTENNA

sell and assign to

MITSUMI ELECTRIC CO., LTD.

a corporation of

Japan

having a business address at 8-8-2, Kokuryo-cho, Chofu-shi, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO .:

FILING DATE:

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR: SIGNATURE DATE **ADDRESS** Sign: Date: Address: c/o Akita Mitsumi Co., Ltd., 95-2, May 15, 2001 Junichi Novo Kamitsutsumishiki, Iizuka, Iitagawa-machi, Minamiakita-gun, Akita, Japan Witness: Type: JUNICHI NORO Akemi Kato Address: Date: Sign: c/o Akita Mitsumi Co., Ltd., 95-2, Kamitsutsumishiki, Iizuka, Iitagawa-machi, May 15, 2001 Minamiakita-gun, Akita, Japan Witness: HIROKAZU AWA Address: Sign: c/o Mitsumi Electric Co., Ltd., 8-8-2, Masaaki Miyata May 11, 2001 Kokuryo-cho, Chofu-shi, Tokyo, Japan MASAAKI MIYATA Lukae

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C. 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023 Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

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