

HEET
S ONLY



TO THE ASSISTANT COMMISSIC

SIR: PLEASE RECORD THE ATTACHED DOCUMENTS UNDER SERIAL NO. **101884430**

Y THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Mitsuru MURAMOTO
- 3. Hiroataka SAITO
- 5.
- 7.

- 2. Naoki ONISHI
- 4. Kanemi SASAKI
- 6.
- 8.

10/17/01

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

10997 U.S. PTO
09/17/940
10/17/01

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: KOKUSAI ELECTRIC CO., LTD.

ADDRESS: 14-20, 3-chome, Higashi-Nakano, Nakano-ku, TOKYO 164-8511, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

09/17/940

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: 1, 2 & 4) March 29, 1999 and
3) March 30, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1, 2 & 4) March 29, 1999 and 3) March 30, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
	284024				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard McLean, VA 22102
Tel: (703) 905-2000

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 284024	KO-0005US2	UNDER ORDER NO	7874	284024
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

3

Glenn J. Perry
Signature

Attorney: Glenn J. Perry
Reg. No. 28458
Atty/Sec: gjp/tcs

Date: October 17, 2001
FAX: (703) 905-2500

TEL: (703) 905-2161

FILE WITH PTO RETURN RECEIPT (PAT-103A)

10/18/2001 SSITHIB1 00000040 09977940

03 FC:581

40.00 OP

Please return signed/recorded to:
 Cushman Darby & Cushman
 Intellectual Property Group of
 Pillsbury Madison & Sutro LLP
 Ninth Floor, East Tower
 1100 New York Avenue, N.W.
 Washington, D.C. 20005-3918

USA Patent Appln.
 Sole or Joint

For Inventions made outside USA
 executed with or after application
 Atty. Dkt # 260410 M# KO-0005US
 Client Ref.

NONPROVISIONAL

**ASSIGNMENT
 OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Mitsuru MURAMOTO	(2) Naoki ONISHI
	(3) Hirotaka SAITO	(4) Kanemi SASAKI
	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT KOKUSAI ELECTRIC CO., LTD.
 NAME(S) OF 14-20, 3-chome, Higashi-Nakano, Nakano-ku, TOKYO 164-8511, Japan
 ASSIGNEE(S)
 & ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION POLARIZATION DIVERSITY ANTENNA SYSTEM FOR CELLULAR TELEPHONE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
 (B) on _____
 (C) in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1):	<u>Mitsuru Muramoto</u>	<u>March 29, 1999</u>	<u>Toshikazu Tsuchiya</u>
Name:	Mitsuru MURAMOTO		
2)	<u>Naoki Onishi</u>	<u>March 29, 1999</u>	<u>Toshikazu Tsuchiya</u>
Name:	Naoki ONISHI		
3)	<u>Hirotaka Saito</u>	<u>March 30, 1999</u>	<u>Toshikazu Tsuchiya</u>
Name:	Hirotaka SAITO		
4) Name:	<u>Kanemi Sasaki</u>	<u>March 29, 1999</u>	<u>Toshikazu Tsuchiya</u>
Name:	Kanemi SASAKI		
5) Name:	_____	_____	_____
Name:	_____	_____	_____