FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02

09-19-2001 Docket No.: 209-01

HEET

U.S. DEPARTMENT ST CO.

Patent and ¶

	47875
To the Honorable Commissioner of Patents and Trade	marks: Please record the attached original documents or
Name of conveying party(ies): Yoshitaka Matsushita, Tsutomu Higuchi	2. Name and address of receiving party(ies):
	Name: Shinko Electric Industries Co., Ltd.
7-521	Address: 711, Aza Shariden, Oaza Kurita, Nagano-shi
Additional names(s) of conveying party(ies) attached?	
3. Nature of conveyance:	
■ Assignment	
☐ Security Agreement ☐ Change of Nar	ne City: Nagano State/Prov.:
☐ Other	Country: Japan ZIP: 380-0921
Execution Date: August 28, 2001	Additional name(s) & address(es) attached?
4. Application number(s) or registration numbers(s):	
If this document is being filed together with a new app	olication, the execution date of the application is: August 28, 2001
Patent Application No. Filing date	B. Patent No.(s)
•	
9/18/2001 TDIAZ1 00000067 09946238	
L FC:581 40.00 OP	
10100	
.	mbers attached? Yes No
.	6. Total number of applications and patents involved:
Additional number 5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire	6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire Registration No 23,028	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire Registration No 23,028 Address: Paul & Paul	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account □ Authorized to be charged to deposit account
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire Registration No 23,028 Address: Paul & Paul 2900 Two Thousand Market Street	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire Registration No 23,028 Address: Paul & Paul 2900 Two Thousand Market Street City: Philadelphia State/Prov.: PA	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account □ Authorized to be charged to deposit account
5. Name and address of party to whom correspondence concerning document should be mailed: Name: John F. McNulty, Esquire Registration No 23,028 Address: Paul & Paul 2900 Two Thousand Market Street City: Philadelphia State/Prov.: PA Country: USA ZIP: 19103	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 16-0750
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	SHINKO ELECTRIC INDUSTRIES CO., LTD. 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921, Japan				
ASSIGNEE's Namc(s)					
Address(es))					
	(hereinafter "ASSIGNEE"), the receip transfers to ASSIGNEE the entire and	t of which is hereby acknowledged, the u d exclusive right, title and interest to the	indersigned ASSIGNO invention entitled	OR hereby sells, assigns and	
(Title of Invention)	IC CARD, ANTENNA FRAME FOR IC CARD AND				
	METHOD FOR MANUFACTURING THE SAME				
	relating to International Patent Applic of the United States was executed on o	ation PCT/JP //even date herewith or, if not so executed	_ and/or for which a , was:	pplication for Letters Patent	
Insert date	(a executed on	; (
of execution of application,	(b) filed on			t in (b) the specified	
f not concurrent)	Serial No/_	data, when known.	y authorized to inser	t in (b) the specified	
	renewal, substitute, reissue or reexamine Patent(s) may be granted and including Patent(s)"). The ASSIGNOR agree(s), we assign the Assigner and acts which the Assigner protection for said invention said Letters Patent(s), in any interference proceeding which may arise or be declared under the assignments and decoroducing evidence.	Patent(s) of the United States granted of nation application based thereon, for the grant and any extensions thereof (collectively, her when requested by said ASSIGNEE and assigned any deem necessary, desirable including in the preparation and prosecute, reissue, reexamination, or public use ared in relation to same, such acts to including all rightful oaths, provided the undersigned investor(s) has (base) as	full term or terms for reinafter, "said applicated without charge to but the or expedient, for secution of said applicated proceeding, and in a lude but not be limited ding sworn testimony,	at the expense of said curing, maintaining and ion(s) and the issuance of my litigation or other legal at to executing all papers, and obtaining and	
		the undersigned inventor(s) has (have) a	ffixed his/her/their si	gnature(s).	
(Signatures)	1. Joshitaka matsushita (SIGNATURE)	Yoshitaka Matsushita	August 28,	2001	
	/ (SIGNATURE)	(TYPE NAME)	(DATE)		
	21 Lutoma Wiguchi (SIGNATURE)	Tsutomu Higuchi	August 28,	2001	
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	3 (SIGNATURE)	(TYPE NAME)	(DATE)		
	4;(SIGNATURE)	(TYPE NAME)	(DATE)		
	5. (SIGNATURE)	(TYPE NAME)	(DATE)		
	6) (SIGNATURE)	(TYPE NAME)	(DATE)		
	7)(SIGNATURE)	(TYPE NAME)	(DATE)		
	8)				

(TYPE NAME)

PATENT REEL: 012162 FRAME: 0670

(DATE)

RECORDED: 09/05/2001

(SIGNATURE)