FORM PTO-1595

(Rev. 10/02)

02-17-2005



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 70456-073			
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:			
Name of Conveying Party(ies):	2. Name and address of receiving party(ies):		
Makoto TAROMARU, Takashi OHIRA, Takuma SAWAYA,	Name: ADVANCED TELECOMMUNICATIONS		
Hiroki TANAKA	RESEARCH INSTITUTE INTERNATIONAL		
	Address: 2-2 Hikaridai 2-chome, Seika-cho,		
Additional name(s) of conveying party(ies) attached? Yes No	Soraku-gun,		
3. Nature of Conveyance:	Kyoto, 619-0288 Japan		
☐ Merger	/O/8		
☐ Security Agreement ☐ Change of Name	<u> </u>		
☐ Other	-		
Execution Date: January 25, 2005			
	Additional name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s):			
If the document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No(s).	B. Patent No(s).		
Additional numbers attached?			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed:			
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 3.41) \$40.00		
Internal Address:	☐ Enclosed		
	Authorized to be charged to deposit account		
Street Address: 600 13th Street, N.W.	8. Deposit account number:		
	500417		
City: Washington State: D. C. Zip: 20005-3096			
DO NOT USE THIS SPACE 4UE			
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.			
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Stephen A. Becker, 26,527	January 27, 2005		
Name and Registration No. of Person Signing	Signature Date		
To	otal number of pages including cover sheet: 3		
OMB No. 0651-0027 (exp. 6/30/2005)			

02/16/2005 DBYRNE 00000237 500417 11050890

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PATENT

REEL: 016254 FRAME: 0776

ASSIGNMENT

WHEREAS,	Makoto TARUMARU, Takashi UHIRA, Takuma SAVVAYA,
and Hiroki TANA	KA,
	ne "Assignors," have jointly invented a new and useful invention r Capable of Receiving Radio Signal with High Quality,
(a)	filed an application for United States Letters Patent on as (Serial No); or
(b)	executed an application for United States Letters Patent on January 25, 2005 , or
(C)	filed a provisional application on

WHEREAS, <u>Advanced Telecommunications Research Institute International</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at:

2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

PATENT REEL: 016254 FRAME: 0777 And the said Assignors do hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth, in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set his hands and affixed his seal

Date: January 25, 2	005	Makete Taremaru
(Seal)		Makoto TAROMARU
Date: <u>January 25, 2</u>		Takashi Chira
(Seal)		Takashi OHIRA
Date: <u>January 25, 2</u>	005	Takuma Cawaya Takuma SAWAYA
(Seal)		Takuma ŠAWAYA /
Date: January 25, 2		Itiroki Tanaka
(Seal)		Hiroki TANAKA

RECORDED: 01/27/2005