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Atty Docket No.:

FORM PTO-1595

08-05-2005



U.S. DEPARTMENT OF COMMERCE

240 attached original documents or copy thereof. To the Director of the United States Patent and Trademark Office. rieasc 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Junichiro KAWAMOTO NTT DoCoMo, INC. Name: Noriyuki MAEDA Address: 11-1, Nagatacho 2-chome, Chiyoda-ku, Kenichi HIGUCHI Tokyo 100-6150, Japan Mamoru SAWAHASHI Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) and address(es) attached?

Yes
No Execution Date: June 28, 2005 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 11/128,188 Additional numbers attached? ☐ Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. AUG 0 2 2005 Bradley D. Lytle Date Name of Person Signing Joseph Scafetta, Jr. Registration Number: 40,073 Registration No. 26,803 Total number of pages including this cover sheet: 3 08/03/2005 MBEYENE2 00000204 11128188 01 FC:8021 40.00 OP Do not detach this portion Mail documents to be recorded with required cover sheet information to:

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> > **PATENT** REEL: 016830 FRAME: 0091

Assignment of Application

(出願譲渡証)

	私(我々)		WHEI	REAS, I (WE	()			
ERT NAMES AND	(1) Junichiro KAWAMOTO, (2) Noriyuki MAEDA, (3) Kenichi HIGUCHI and							
SIDENCE ADDRESS OF	(4) Mamoru SAWAHASHI,							
INVENTORS	residing at (1) Yokohama-shi, Kanagawa Japan, (2) Yokohama-shi, Kanagawa Japan,							
男者の氏名及び住所	(3) Yokohama-shi, Kanagawa Japan and (4) Yokohama-shi, Kanagawa Japan							
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ERT TITLE OF ENTION	NOISE POWER ESTIMATION APPARATUS, NOISE POWER ESTIMATION METHOD AND SIGNAL DETECTION APPARATUS							
男の名称を記入	SIGNAL DETEC	HON APPARATUS						
	(Application No.	11/120 100		May 42, 200	·			
	(Application No.	11/128,188	, filed	May 13, 200		_),		
	一方、			and WHEREAS	S,			
		NT	T DoCoMo	, Inc.				
	(以下「籬巻人」) は			(hereinafter referred to as "ASSIGNEE") having				

(以下「譲攵人」」に、

(hereinafter referred to as "ASSIGNEE") having a place of business at:

11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan

に営業所を有し、該発明について、及び 合衆国及びその領土及びあらゆる全ての 外国において付与されたあらゆる特許証 について、全ての権利、権原、及び利益 を取得することを希望し、

従ってここに、受領を確認した有効にし て価値ある対価と引き換えに、私(我々) は、本譲渡証により、合衆国及びその領 土及び全ての外国における該発明に対す る完全で排他的な権利と、合衆国及びそ の領土及びあらゆる全ての外国において 付与されるあらゆる全ての特許証につい て及びその分割、再発行、継続、差し替 え、及び更新のあらゆる全てについての 全ての権利、権原、及び利益とを、該譲 受人に売却し、譲渡し、及び移転する。

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

> **PATENT** REEL: 016830 FRAME: 0092

私(我々)は、ここに、この譲渡及び売 却がなされなかったならば私(我々)に より保持されたであろう場合と同様に完 全且つ全体的に、付与され得る存続期間 の完全な最後まで、該譲受人、その(彼 の)承継人及び非譲渡者による専用及び 利益のために、あらゆる全ての特許証で 該特許証についての私(我々)のとしてび 権利、権原、及び利益の譲受人としての 権利、権原、及び利益のでのも を会全ての外国において特許庁当局 発行することを許可し及び要請する。

更に、私(我々)は私(我々)が知る該 発明に関するあらゆる事実を該譲受人又 はその(彼の)代理人に伝え、あらゆる 法的手続きにおいて証言し、法の認めた 書面に署名し、全ての分割、継続、差し 替え、更新、及び再発行出願に署名し、 全ての必要な譲渡書類に署名することで 該特許証のあらゆるもの全てが該譲受人 に発行されるようにし、正当な全ての誓 約をし、更に該譲受人、その(彼の)承 継人及び非譲渡者が合衆国及びその領土 及びあらゆる全ての外国において該発明 について適切な保護を取得し及び行使す ることを援助するために一般に可能なこ とを全て行うことを、私(我々)は同意 する。

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute. renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

June 28, 2005	Junichiro KAWAMOIO
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June 28, 2005	Noriyuki MAEDA
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June 28, 2005	Kenichi Higachi
	Signature of Inventor) ^{発明者署名} Kenichi HIGUCHI
June 28, 2005	mamoru Sawakashl
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	Signature of Inventor) 発明者署名

RECORDED: 08/02/2005

PATENT REEL: 016830 FRAME: 0093