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To the Honorable Commissioner o	101011060	the attached original documents or copy thereof	
Name of conveying party(ies): Dr. Ing. Habil, Lutz Rothe	101241862	Name and address of receiving party(ies): Name: PATES Technology Internal Address: Patentverwertungs-gesellschaft	
Additional names(s) of conveying party(ies)	☐ Yes 🏻 No	fur Satelliten-und moderne	
Nature of conveyance:			
	Merger	Street Address: Steinmetzstrabe 7	
☐ Security Agreement ☐ 0	Change of Name	D-23556, Lubeck, Germany	
☐ Other		City: State: ZIP:	
Execution Date: October 22, 1999		Additional name(s) & address(es) ☐ Yes ☑ No	
02 FG:56 atent Application No.(s) 40.00 0P 09/402,001		B. Patent No.(s)	
	Additional numbers	☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:	
Name: RICHARD C. WOODBRIDGE		7. Tabel (co. (07.0FD 0.44))	
Internal Address: WOODBRIDGE & ASSOCIATES		7. Total fee (37 CFR 3.41):\$ 40.00 ☑ Enclosed □ Authorized to be charged to deposit account	
Street Address: P.O. BOX 592		8. Deposit account number: 23,3040	
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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. RICHARD C. WOODBRIDGE Name of Person Signing Signature Date			
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and			

PATENT REEL: 010475 FRAME: 0642

ASSIGNMENT

WHEREAS, Dr. Ing. Habil. Lutz Rothe, Am Muhlberg 43, D-06132, Halle (Saale), ermany, assignor(s), has (have) invented certain improvements in WIDE BAND PLANAR RADIATOR for which an application for United States Letters Patent has been executed by assignor(s) on 10/22/99 and whereas, PATES Technology Patentverwertungs-gesellschaft fur Satelliten-und moderne, Steinmetzstrabe 7 D-23556, Lubeck, Germany, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the assignor(s) hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for himself and his legal representative, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to said assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

DR. ING. HABIL. LUTZ ROTHE

State of		
County of:	: SS:	
This	day of	, 1999 before me personally came the above
named, instrument v	to me who acknowledged to me	e known as the individual who executed the foregoing that the same was executed by him/her of his/her own
	the purpose therein set for	
		Notary Public
(SEAL)		

PATENT
RECORDED: 11/12/1999 REEL: 010475 FRAME: 0643