



FORM BTO 4505	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Pleas 1. Name of conveying party(ies):	se record the attached original documents or copy thereof. 2. Name and address of receiving party(ies):	
Geoffrey James; Francis Cooray; Treavor Bird; John O'Sullivan; Evans Wetmore	Name: Fox Broadcasting Company	
	Internal Address:	
Additional name(s) of conveying party(ies) attached′ ⊠ No ☐ Yes		
3. Nature of Conveyance: ⊠ Assignment ☐ Merger	Street Address: 10201 West Pico Boulevard	
☐ Security Agreement ☐ Change of Name		
Other $3/19/02$, $3/25/02$, $3/28/02$, Execution Date: $3/25/02$, $3/20/02$, $3/18/02$	City: Los_Angeles State: CA ZIP: 90035 Additional name(s)& address(es) attached? ☒ No ☐ Yes	
4. Application number(s) or patent number(s):	pplication, the execution date of the application is: $\frac{3/18/02}{3/25/02}$ B. Patent No.(s) $\frac{3/25/02}{3/25/02}$ $\frac{3/25/02}{3/15/02}$	
Additional numb	pers attached? ⊠ No ☐ Yes	
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:	
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00	
Internal Address: Street Address: 12400 Wilshire Boulevard, 7th Floor	 X Enclosed X Authorized to be charged to deposit account 	
City: Los Angeles State: CA ZIP: 90025	8. Deposit Account Number:	
/2002 DBYRNE 00000085 10109767	(Attach duplicate copy of this page if paying by deposit account)	
2581 40.00 0P DO NOT US	SE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Coorse W Hoover Reg No 32 992 March 29, 2002		
George W Hoover, Reg. No. 32,992 Name of Person Signing	Signature Date	
Total number of pages including cover sheet, attachments, and document: 4		

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Attorney Docket No. 4739P001 (5/27/1997)

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Geoffrey James, Francis Cooray. Trevor Bird, John O'Sullivan, and R. Evans Wetmore, hereby sell, assign, and transfer to Fox Broadcasting Company, a corporation of the State of Delaware, having a principal place of business at 10201 W. Pico Boulevard, Los Angeles, California 90035 ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

	which has been executed by the undersigned concurrently herewith,		
	which was filed	200	and assigned Serial No
and is e	entitled:		

SLOT-ARRAY ANTENNAS WITH SHAPED RADIATION PATTERNS AND A METHOD FOR THE DESIGN THEREOF

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignce, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements: execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignce, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignce, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all

PATENT REEL: 012755 FRAME: 0547 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 19/03/02	Geothirey James
Date: 25/83/02	TRO cray
Date: 25/3/2002	Francis Cooray Trevor Bird
Date: 20/03/02	John O'Sullivan
Date:	R. Evans Wetmore

2

applications for patents and all patents on said improvements, in said Assignee, its successors. assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	
	Geoffrey James
Date:	
	Francis Cooray
Date:	
	Trevor Bird
Date:	
	John O'Sullivan
Date: March 18, 2002	arus Wermo
,	R Evans Wetmore

Docket No. 004739.P001

RECORDED: 03/29/2002

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PATENT REEL: 012755 FRAME: 0549