PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Laurie K. Taira-Griffin	12/06/1995
John S. Szalay	12/06/1995
Michael R. Vince	12/06/1995
Joseph A. Wysocki	12/06/1995
Stephen W. McCahon	01/26/1996

RECEIVING PARTY DATA

Name:	HUGHES AIRCRAFT COMPANY	
Street Address:	7200 Hughes Terrace	
City:	Los Angeles	
State/Country:	CALIFORNIA	
Postal Code:	90045	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	5772720

CORRESPONDENCE DATA

Fax Number: (781)522-6466 Phone: 781-522-3070

Email: delinal.a.ranucci@raytheon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Delina Ranucci
Address Line 1: 870 Winter Street
Address Line 2: Raytheon Company

Address Line 4: Waltham, MASSACHUSETTS 02451-1449

ATTORNEY DOCKET NUMBER:	PAT. 5772720 INV TO HUGHE	
NAME OF SUBMITTER:	Delina Ranucci	PATENT

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Total Attachments: 6

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ASSIGNMENT

Page 1 of 2 PO-93140

WHEREAS, I. as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) HEAT FORMED OPTICAL FIREM END FACE for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on June 7, 1986 as Serial No. 08/476,807, and

WHEREAS, HUGHES ARCRAFT COMPANY (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in Los Angeles, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world.

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and HUGHES, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexeminations, reissues, renewals or extensions of said Latters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; coveriant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer, and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper caths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives

> PATENT REHL: 7832 FRAME: 0158



IN WITNESS WHEREOF, I have executed this instrument.

RECORDED: 02/20/1996

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SKINATURE		CATE
Laurie K Taire-Griffin	Journ K Lana La	the	12-6-95
RESIDENCE ICITY AND STATE)	00000000000000000000000000000000000000	74 INVENTIO	N AGREEMENT DATE
Huntington Beach, California	**************************************	October	27, 1982
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SKRIATURE		CATE
John S. Szalay			
RESIDENCE (CITY AND STATE)	00000000000000000000000000000000000000	- INVENTX	MAGREEMENT DATE
Corona del Mar, California	TEXTED TO THE PROPERTY OF THE	Februar	y 12, 1979
FIRE NAME OF SOLE OR JOINT INVENTOR	PRVENTOR'S SIGNATURE	22220000000000000000000000000000000000	DATE
Michael R. Vince			
RESIDENCE (CITY AND STATE)	 	WVENTK	W AGREEMENT DATE
Thousand Osks, California	00000000000000000000000000000000000000	April 19	. 1973
FULL NAME OF BOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	000000000000000000000000000000000000000	DATE
Joseph A. Wysocki			
RESIDENCE (CITY AND STATE)		IINVENTK) On agreement date
Malibu, California		June 7,	
FILL NAME OF SOLE OR JOINT INVENTOR	I INVENTOR'S SKINATURE		DATE
Stephen W. McCahon	action of the original of the		56476
RESIDENCE (CITY AND STATE)	ACCURATION CONTRACTOR	SUAJERTI	I On agreement date
Coratville, lows		May 20	
CONTRACTOR	^^^^^^^	M6532 S.S.	, 1 35.00.0
STATE OF <u>Califordia</u>			
COUNTY OF CASHES	***************************************		
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a Notary Public in and for said State, pers	onally appeared <u>Q (AUL)</u>	<u> </u>	BA-GBIFFIN .
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PATENT

REEE: 7832 FRAME: 0187

REEL: 027540 FRAME: 0907



IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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John S Szalay		HAVENTON AGREEMENT DATE
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Corona del Mar, California	interioriste de de la companyament	February 12, 1979
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Michael R. Vince		
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Thousand Oaks, California		April 19, 1973
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Joseph A. Wysocki		
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Malibu, California		June 7, 1976
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Stephen W. McCahon		
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Coraville, Iowa		May 20, 1986
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RECORDED: 02/20/1996		PATENT 2 FRAME: 0190



IN WITNESS WHEREOF, I have executed this instrument.

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Thousand Oaks, California	00000000000000000000000000000000000000	Page 11 12	· · · 2 · 2
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Joseph A Wysocki			90000
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FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	000000000000000000000000000000000000000	TOATE
Stephen W McCahon			, , , , , , , , , , , , , , , , , , ,
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Coratville, lows		week with	, 19043
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COUNTY OF JAJULY COUNTY	<u>)</u>		
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a Notary Public in and for said State, pe	rsonally appeared Michael	(K")	l'ince.
☐ personally known to me or \$ proved name(s) is/see subscribed to the within i	to me on the basis of satisfactory evide nstrument and acknowledged to me that and that by his limit it signature(s) on t	he/sherthery	executed the same

RECORDED: 02/20/1996

WITNESS my hand and official seal.

Sitia savigescu Commission & 1075733 Notory Nuisic — Confer Los Angeles Count My Comm. Expires On 11.1

PATENT REEL: 7832 FRAME: 0159



IN WATNESS VIHEREOF. I have executed this instrument

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FULL NAME OF SOLE OR JOINT INVENTOR IN	ventor's signature		TATE
Laurie K. Taire-Griffin			000000
RESIDENCE (CITY AND STATE)		INVENTIÓ	N AGREEMENT DATE
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Malibu, California		June 7,	1976
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Stephen W. McCahon			
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IN WITNESS WHEREOF, I have executed this instrument

FLEL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE.
Laurie K. Taira-Griffin		
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Huntington Beach, California		October 27, 1982
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John S. Szalay		
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Corona del Mar, California		February 12, 1979
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Michael R. Vince	UUUUUUUUUUUUUUUUUUUUUUU	
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Joseph A. Wysocki		
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Malibu, California	DOMANNA MARIANA	June 7, 1976
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Stephen W. McCahon	16	1
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a Notary Public in and for said State, p	ersonally appeared <u>Sycphical</u>	McCahon
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