## Electronic Version v1.1 Stylesheet Version v1.1

**SUBMISSION TYPE: NEW ASSIGNMENT** 

NATURE OF CONVEYANCE: **ASSIGNMENT** 

### **CONVEYING PARTY DATA**

Name	Execution Date
Harris Stratex Networks, Inc.	06/26/2007

### **RECEIVING PARTY DATA**

Name:	Harris Stratex Networks Operating Corporation
Street Address: Research Triangle Park	
Internal Address:	637 Davis Drive
City:	Morrisville
State/Country:	NORTH CAROLINA
Postal Code:	27560

### PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	12511790
Patent Number:	6499017
Patent Number:	6757899
Patent Number:	7584191

### **CORRESPONDENCE DATA**

Fax Number: (650)815-2601

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: svpatents@sheppardmullin.com

Correspondent Name: Marc A. Sockol

Address Line 1: Sheppard, Mullin, Richter & Hampton LLP

Address Line 2: 990 Marsh Road

Menlo Park, CALIFORNIA 94025 Address Line 4:

ATTORNEY DOCKET NUMBER: 18LZ-137941 NAME OF SUBMITTER: Marc A. Sockol

**PATENT** 501282915 REEL: 024944 FRAME: 0004

# Total Attachments: 14 source=HSNOC\_assignment\_18LZ#page1.tif source=HSNOC\_assignment\_18LZ#page2.tif source=HSNOC\_assignment\_18LZ#page3.tif source=HSNOC\_assignment\_18LZ#page4.tif source=HSNOC\_assignment\_18LZ#page5.tif source=HSNOC\_assignment\_18LZ#page6.tif source=HSNOC\_assignment\_18LZ#page7.tif source=HSNOC\_assignment\_18LZ#page8.tif source=HSNOC\_assignment\_18LZ#page9.tif source=HSNOC\_assignment\_18LZ#page10.tif source=HSNOC\_assignment\_18LZ#page11.tif source=HSNOC\_assignment\_18LZ#page12.tif source=HSNOC\_assignment\_18LZ#page13.tif source=HSNOC\_assignment\_18LZ#page13.tif source=HSNOC\_assignment\_18LZ#page14.tif

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### PATENT ASSIGNMENT

WHEREAS, Harris Stratex Networks, Inc., hereinafter referred to as "Assignor," a corporation organized and existing under the laws of Delaware with a place of business at Research Triangle Park, 637 Davis Drive, Morrisville, North Carolina 27560, has received ownership of the issued patents and pending applications listed on the attached Schedule A (the "Patent Rights") from Harris Corporation, a Delaware corporation ("Harris") pursuant to

- (a) the Amended and Restated Formation, Contribution and Merger Agreement dated as of December 18, 2006, as amended by a letter agreement dated January 26, 2006 (as so amended, the "Formation Agreement") among Harris, Assignor and certain other parties; and
- (b) the Intellectual Property Agreement dated January 26, 2007 between Harris and Assignor, entered into pursuant to the Formation Agreement, under which, among other things, Harris assigned ownership of the Patent Rights to Assignor, such assignment being effective simultaneously with the filing of the merger certificate provided for in the Formation Agreement with the Delaware Secretary of State (the "Effective Time"); and
- (c) the Patent Assignment, with economic effect as of the Effective Time, from Harris to Assignor; and

WHEREAS, Harris Stratex Networks Operating Corporation, hereinafter referred to as "Assignee," a corporation organized and existing under the laws of Delaware, with a place of business at Research Triangle Park, 637 Davis Drive, Morrisville, North Carolina 27560 and a wholly-owned subsidiary of Assignor, is a party to an Intellectual Property Agreement dated January 26, 2007 with Assignor (the "Intellectual Property Agreement"), under which, among other things, Assignor assigned ownership of the Patent Rights to Assignee, such assignment to have economic effect immediately after the Effective Time; and

WHEREAS, Assignor and Assignee desire to confirm the transfer of the Patent Rights provided for in the Intellectual Property Agreement and cause the record ownership of the Patent Rights to reflect the transfer made in the Intellectual Property Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, with economic effect immediately after the Effective Time, Assignor's entire right, title and interest in, to and under the patents of the United States and pending applications set forth in Schedule A, as well as all divisions, continuations and continuations-in-part thereof, and all patents of the United States which may be granted thereon and all reissues and extensions of any of the foregoing, and all applications for patents which

may hereafter be filed for inventions embodied by said pending applications or patents, to the extent such applications for patents claim priority (in whole or in part) from any of the foregoing, in any country or countries foreign to the United States, and all patents which may be granted for said inventions embodied by said pending applications or patents, to the extent such patents claim priority (in whole or in part) from any of the foregoing, in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such foreign country or countries based upon the filing of said pending applications in the United States which are created by any law, treaty or international convention; and all rights to sue for the past or future infringement of any such patents; but subject to all rights and licenses which Harris has heretofore granted or agreed to grant under the said patents and patent applications; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on any such applications as aforesaid, to issue all patents for said inventions to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

IN WITNESS WHEREOF, Harris Stratex Networks, Inc. has caused this instrument to be signed by a duly authorized corporate officer.

ASSIGNOR: HARRIS STRATEX NETWORKS, INC.

Com M Complee

Name: Camphe)
Title: Prodet + CEO
STATE OF NORTH CARDINA
COUNTY OF WAKE
On this ale day of June, 2007, before me personally appeared  Guy M. Cambell to me personally known, who, being duly sworn, did say that s/he is the president ECEO of Harris Stratex Networks, Inc. and that s/he duly executed the foregoing instrument for and on behalf of Harris Stratex Networks, Inc. being duly authorized to do so and that said individual acknowledged said instrument to be the free act and deed of said corporation.
( Chathun elanula)

Notary Public

My commission expires: 2-8-2009

# SCHEDULE A

# Attachment 7.2(m)(i)(B)-1 -- MCD Patents

CheutRef	1001110	Status	Appl. No.	Country	Date Created	Source
FT-127	MULTI-MASTER	Allowed	2126616	CA	12-Dec-1993	HCorp
	SUPERVISORY SYSTEM	1110 04	2120010	OII.	12-1500-1793	псыр
FT-127	MULTI-MASTER	Pending	942406	NO	12-Dec-1993	HCorp
	SUPERVISORY SYSTEM	1 Unidang	312100	110	12-1000-1993	псогр
FT-127	MULTI-MASTER	Published	94304698.7	FR	12-Dec-1993	HCorp
	SUPERVISORY SYSTEM	1 donished	74304098.7	TK	12-Dec-1993	псогр
FT-127	MULTI-MASTER	Published	94304698.7	GB	12-Dec-1993	UCom
	SUPERVISORY SYSTEM	1 donated	)430407a.7	GB	12-Dec-1993	HCorp
FT-139	GLITCH SUPPRESSOR CIRCUIT	Pending	2126615	CA	12-Dec-1993	BWATI
	AND METHOD	Tollumb	2120013	CA	12-Det-1993	DWAII
FT-142	INTERMEDIATE FREQUENCY	Pending	PI 9402015	MY	12-Dec-1993	HCorp
	COMBINER FOR A RADIO	Tonding	11 3402013	141 1	12-Dec-1993	псогр
	COMMUNICATION SYSTEM					
FT-160	DECISION DIRECTED	Pending	00943368.1	EP	22 4 1006	DWATT
	CARRIER FREQUENCY	1 chang	00943308.1	EF	23-Aug-1996	BWATI
	DETECTOR AND METHOD FOR			·		
	QAM					
FT-173	FALSE CARRIER LOCK	Allowed	00946942.0	SE	04-Sep-1998	BWATI
	RECEIVER AND ASSOCIATED	71110 1104	00540542.0	SE	04-3cp-1998	BWAII
	METHODS FOR DETECTION					
FT-173	FALSE CARRIER LOCK	Allowed	00946942.0	GB	04-Sep-1998	BWATI
	RECEIVER AND ASSOCIATED		003 103 12.0	GD	04-3Cp-1338	DWAII
	METHODS FOR DETECTION					
FT-173	FALSE CARRIER LOCK	Allowed	00946942.0	FR	04-Sep-1998	BWATI
	RECEIVER AND ASSOCIATED	1 mowed	00540542.0	I'K	04-3ch-1330	DWAII
	METHODS FOR DETECTION					
FT-173	FALSE CARRIER LOCK	Pending	974/2001	CL	04-Sep-1998	HCorp
	RECEIVER AND ASSOCIATED	1 chang	37472001	CL	04-2cp-1996	ricorp
	METHODS FOR DETECTION					
FT-175	CORRECTIVE PHASE	Published	02786796.9	EP	08-Nov-1999	HCorp
	QUADRATURE MODULATOR		02700750.5		00-1404-1999	ricorp
	SYSTEM AND METHOD					
FT-175	CORRECTIVE PHASE	Published	02825236.5	CN	08-Nov-1999	HCorp
	QUADRATURE MODULATOR		020200.5		00-1404-1999	псогр
	SYSTEM AND METHOD					
FT-175	CORRECTIVE PHASE	Pending	2468079	CA	08-Nov-1999	НСогр
	QUADRATURE MODULATOR		2.000,7		00-1104-1999	псыр
	SYSTEM AND METHOD					
FT-175	CORRECTIVE PHASE	Pending	548392/2003	JP	08-Nov-1999	HCorp
	QUADRATURE MODULATOR	, i			00 1.01 1999	псогр
	SYSTEM AND METHOD					
FT-177	SUCCESSIVE LOG VIDEO PAD	Published	01959822.6	EP	02-Dec-1999	HCorp
	POWER DETECTOR AND					псыр
	METHOD	ĺ				
FT-177	SUCCESSIVE LOG VIDEO PAD	Published	09/893009	US	02-Dec-1999	HCorp
	POWER DETECTOR AND					псогр
	METHOD					
T-177	SUCCESSIVE LOG VIDEO PAD	Pending	2417539	CA	02-Dec-1999	НСогр
	POWER DETECTOR AND	-				r
	METHOD					
T-179	WIDEBAND RANGING	Pending	2438392	CA	20-Арт-2000	BWATI
	PROCESS FOR FREQUENCY				-	
	ACQUISITION					

1

ClientRef	InvTitle	Status	Appl. No.	Country	Date Created	Source
FT-179	WIDEBAND RANGING	Published	02806074.1	CN	20-Apr-2000	BWATI
	PROCESS FOR FREQUENCY				•	
F171 101	ACQUISITION					
FT-181	VERY LOW PHASE NOISE	Published	2452199	CA	08-Aug-2000	НСогр
	TEMPERATURE STABLE					
	VOLTAGE CONTROLLED					
	OSCELLATOR					
FT-191	BWA SYSTEM RS	Pending	2450903	CA	05-Feb-2001	BWATI
	TRANSMITTER OUTPUT					
	POWER CONTROL					
	ALGORITHM THAT PROVIDES					
	HIGH C/N TO MAXIMIZE THE					
	NUMBER OF RS'S PER SECTOR					
FT-194	HYBRID TDM AND IP PACKET	Published	02742192.4	EP	05-Feb-2001	BWATI
	TRANSMISSION OVER AN AIR					
	INTERFACE					
FT-194	HYBRID TDM AND IP PACKET	Pending	2450901	CA	05-Feb-2001	BWATI
	TRANSMISSION OVER AN AIR	_				
	INTERFACE					
FT-195	ADDITION OF PORTID INTO	Pending	2450906	CA	05-Feb-2001	BWATI
	DOCSIS STANDARD			1		
FT-197	TRANSMITTER CIRCUIT	Pending	2452267	CA	07-Feb-2001	BWATI
	ARCHITECTURE AND			0	07 100 2001	BWAII
	METHOD FOR REDUCING IN-					
	BAND NOISE IN POINT TO					
	MULTIPOINT		***************************************			
	COMMUNICATION SYSTEMS					
FT-198	AUTOMATIC TRANSMIT	Published	037620853	EP	23-Арг-2001	BWATI
	POWER CONTROL DISABLING					D
FT-198	AUTOMATIC TRANSMIT	Published	03815294.0	CN	23-Apr-2001	BWATI
1	POWER CONTROL DISABLING		000000000000000000000000000000000000000		25 11pr 2001	DWAII
FT-198	AUTOMATIC TRANSMIT	Pending	2490371	CA	23-Apr-2001	BWATI
	POWER CONTROL DISABLING	- unumb	24703/1	Į CA	23-Apr-2001	DWAII
FT-198	AUTOMATIC TRANSMIT	Allowed	10/183365	US	23-Apr-2001	BWATI
	POWER CONTROL DISABLING	11.10 1104	10/105505	03	23*Api-2001	DWAII
FT-199	AGC - FINE TUNING BY THE	Published	10/183161	US	23-Apr-2001	BWATI
	ADAPTIVE TIME DOMAIN	. donshod	10/185101	03	23-Apr-2001	DWAII
İ	EQUALIZER					
FT-200	METHOD AND APPARATUS	Published	03737593.8	EP	24-Apr-2001	BWATI
	FOR LOOP DETECTION AND		03737333.0		24-Api-2001	DWAII
	DISSOLUTION IN A					
	COMMUNICATION NETWORK					
FT-200	METHOD AND APPARATUS	Pending	2474498	CA	24-Apr-2001	BWATI
į	FOR LOOP DETECTION AND	rending	24/11/0	CA	24-Apr-2001	DWAIL
reformance of the contract of	DISSOLUTION IN A					
1	COMMUNICATION NETWORK					
T-207	REDUCED PHASE ERROR	Published	03808413.3	EP	14-Nov-2002	BWATI
-	DEROTATOR SYSTEM AND	· uononea	05000-15.5	Li	14-1101-2002	DWAII
	METHOD					
T-208	APPARATUS AND METHOD	Published	05/015813	WO	18-Nov-2002	НСогр
1	FOR A PROGRAMMABLE		_0.0.0015	"	10-1404-2002	псогр
	CLOCK GENERATOR					
T-212	SYSTEM AND METHOD FOR A	Published	05/021919	wo	16 4== 2002	UC
		1 actioned	03/041717	WU	16-Apr-2003	HCorp
	KADIO/ANTENNA INTERFACE					
T-212	RADIO/ANTENNA INTERFACE SYSTEM AND METHOD FOR A	Published	10/879637	US	16-Apr-2003	HCorp

ChemiRef	The state of the s	Status	Appl. No.	Country	Date Created	Source
FT-214	SYSTEM AND METHOD FOR	Pending	10/855469	US	16-Apr-2003	НСогр
	RADIOS USING COMMON					псыр
	EQUIPMENT PACKAGING					
FT-215	VARIABLE POWER COUPLING	Published	10/879634	US	20-Jun-2003	HCorp
	DEVICE		10,0,505		20-3411-2003	Heorp
FT-220	SYSTEM AND METHOD FOR	Pending	11/032078	US	01-Dec-2003	HCorp
	MULTIPLEXING PDH AND	· onumb	11/052070	03	01-Dec-2003	псогр
	PACKET DATA					
FT-220	SYSTEM AND METHOD FOR	Pending	06/000616	wo	01-Dec-2003	HCorp
	MULTIPLEXING PDH AND	· viiding	00/000010	""	01-Dec-2003	псогр
	PACKET DATA					
FT-222	COMBINED HARMONIC	Pending	11/169879	US	04-Dec-2003	IIC
	REJECTION FILTER AND	, whathe	11.103073	03	04-1060-2003	HCorp
	POWER SAMPLER	Ì				
FT-223	A MODULAR WIDE-RANGE	Published	10/815278	US	14 1- 2004	776
	TRANSCEIVER	1 ublished	10/0132/0	US	14-Jan-2004	HCorp
FT-223	A MODULAR WIDE-RANGE	Published	05/010299	1110		
	TRANSCEIVER	rubiisiieu	03/010299	WO	14-Jan-2004	HCorp
FT-224	A SYSTEM AND METHOD FOR	Published	10/915212	1110		
	CALIBRATING MODULES OF A	Fublished	10/815313	US	27-Jan-2004	HCorp
	WIDE-RANGE TRANSCEIVER					
FT-231	SYSTEM AND METHOD FOR	Don din a	11/1/0000	<del>                                     </del>		
25.	RADIO POWER LEVEL	Pending	11/169909	US	08-Jul-2004	HCorp
	CONTROL					
FT-233	MODELING OF	D. 1	11101111			
1 1-233	,	Pending	11/214107	US	29-Aug-2005	HCorp
	HETEROGENEOUS MULTI-					
	TECHNOLOGY NETWORKS					
	AND SERVICES BY METHOD					
	OF TRANSLATION OF					
	DOMEAIN-FOCUSED USER					
	INFORMATION MODEL TO					
	COMMON INFORMATION MODEL					
FT-233						
F 1-233	MODELING OF	Pending	06/029896	WO	01-Aug-2006	HCorp
	HETEROGENEOUS MULTI-					-
	TECHNOLOGY NETWORKS					
	AND SERVICES BY METHOD					
	OF TRANSLATION OF					
	DOMEAIN-FOCUSED USER					
	INFORMATION MODEL TO					
	COMMON INFORMATION					
NB-2	MODEL METHOD FOR PROVISIONING					
MD-2	METHOD FOR PROVISIONING	Pending	2296821	CA	20-Apr-1999	HCorp
	COMMUNICATION DEVICES					
	AND SYSTEM FOR					
FT-234	PROVISIONING SAME					
r 1-234	REMOTE MONITORING AND	Pending	11/499639	US	7-Aug-06	HCorp
	CALIBRATION OF SYS.				and the same of th	-
	REFERENCE CLOCK USING					
	NETWORK TIMING					
FT-235	REFERENCE SYSTEM NAP METHOD FOR			<u> </u>		
11-233	SYSTEM NAD METHOD FOR	Pending	11/452216	US	14-Jun-06	HCorp
	ANTICIPATORY RECEIVED	1				-
	SWITCHING BASED ON					
	SIGNAL QUALITY	İ				
	ESTIMATION			1	1	1

Chestiles	in Time	Status	Appl. No.	Country	Date Crested	Same
FT-249	TAPERED RESONATOR HAIRPIN MICROSTRIP	Pending	11/600167	US	16-Nov-06	НСогр
FT-253	BANDPASS FILTER REAL-TIMERSL MONITORING IN A WEB-BASED APPLICATION	Pending	11/649291	US	4-Jan-07	HCorp

# Attachment 7.2(m)(i)(B)-1 -- MCD Patents (continued)

ClientRef	Inv Title	DisclosureStatus	Date Created	Client
FT-204	VOLTAGE TUNING DIELECTRIC RESONATOR OSCILLATOR	Open	08-Feb-2002	FARIN
FT-205	VOLTAGE TUNING DIELECTRIC RESONATOR	Open	08-Feb-2002	FARIN
FT-230	INTEGRATED ANTENNA AND TRANSMISSION SYSTEMS SUPPORTING BOTH MOBILE CELLULAR AND PTP BACKHAUL APPLICATIONS	Open	25-Mar-2004	FARIN
FT-234	REMOTE MONITORING AND CALIBRATION OF SYSTEM REFERENCE CLOCK USING NETWORK TIMING REFERENCE	Authorized	04-Oct-2005	MCD
FT-235	ANTICIPATORY RECEIVER SWITCHING BASED ON SIGNAL QUALITY ESTIMATION	Authorized	10-Oct-2005	MCD
FT-236	VCO IN RANGE OF 2.3 TO 3 GHZ WITH BW OF 450 MHZ WITH TABLESS CRO & DLI SPECIAL PART SAMPLE DATA FOR 2.3 - 2.8 GHZ	Open	11-Nov-2005	MCD
FT-237	TIMESLOT ALLOCATION FOR TIME-DIVISION MULTIPLEXING FRAMES	Open	24-Jan-2006	MCD
FT-238	QUALITY OF PHASE LOCK AND LOSS OF LOCK DETECTOR	Authorized	24-Jan-2006	MCD
FT-240	WIDEBAND VCO WITH SPECIAL 2D-DLI-PART- JAN16-06 VCO IN RANGE OF 5300 TO 5820 MHz OR 7950 TO 8730 MHz IS THE GOAL WITH SPECIAL 2D-DLI PART	Open	24-Jan-2006	MCD
FT-241	TIME EFFICIENT POWER DETECTOR CHARACTERIZATION ALGORITHM FOR PRODUCTION	Open	21-Feb-2006	MCD
FT-242	DUST COVER PACKAGING FOR LOW-COST, HIGH-PERFORANCE U/MM-WAVE MULTI- STAGE MODULES	Authorized	28-Feb-2006	MCD
FT-243	COMPAC DUAL RECEIVER ARCHITECTURE FOR POINT TO POINT RADIO	Open	19-Apr-2006	MCD
FT-244	HIGH EFFICIENCY AND HIGH LINEARITY COMPACT WIDE DYNAMIC RANGE TRANSMITTER FOR POINT TO POINT RADIO	Open	19-Apr-2006	MCD
T-245	CARRIER FREQUENCY SWEEP CONTROL	Open	10-May-2006	MCD
FT-246	DISTRIBUTED PROTECTION SWITCHING ARCHITECTURE FOR POINT-TO-POINT MICROWAVE RADIO SYSTEMS	Authorized	07-Jun-2006	MCD

# Attachment 7.2(m)(i)(B)-1 - MCD Patents (continued)

ClientRef	lav I i i i i	Pat/vumber	Country	Source
FT-124	WAVEGUIDE CIRCULATOR	5266909	US	HCorp
FT-125	AUTOMATIC TERMINATION OF LOOP	5287356	US	HCorp
	CIRCULATING MESSAGES		ļ	<b>-</b>
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	2126616	CA	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	181744	IN	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	0632618	DE	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	0632618	FR	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	0632618	GB	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	197370	MX	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	ZL94109159.7	CN	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	MY-112097-A	MY	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	317051	NO	HCorp
FT-127	MULTI-MASTER SUPERVISORY SYSTEM	5946317	US	HCorp
FT-128	PACKET START DETECTION USING CHECK	5400348	US	
	BIT CODING	3400346	US .	НСогр
FT-130	A REMOTELY CONTROLLABLE	5669067	US	DYVATY
	INTERMEDIATE FREQUENCY TRANSCEIVER	3003007	US	BWATI
	Combined with FT-129 and FT-131			
FT-132	WIDEBAND FLAT POWER DETECTOR	5325064	US	HCorp
FT-132	WIDEBAND FLAT POWER DETECTOR	185770	MX	
FT-132	WIDEBAND FLAT POWER DETECTOR	2112089	CA	HCorp
FT-134	AN ELECTRONIC TUNING CIRCUIT AND	5457431	US	HCorp
	METHOD OF MANUFACTURE	3437431	03	HCorp
T-139	GLITCH SUPPRESSOR CIRCUIT AND METHOD	5386159	US	DWATI
T-139	GLITCH SUPPRESSOR CIRCUIT AND METHOD	188239	MX	BWATI
T-142	INTERMEDIATE FREQUENCY COMBINER FOR	5530925		BWATI
	A RADIO COMMUNICATION SYSTEM	3330923	US	HCorp
FT-142	INTERMEDIATE FREQUENCY COMBINER FOR	1888967	MX	
	A RADIO COMMUNICATION SYSTEM	1000907	MA	HCorp
FT-143	MULTIPLE OUTPUT RF FILTER AND	5656980	US	
	WAVEGUIDE	3030300	US	HCorp
T-144	Threaded Object Driving Tool and Method	5492039	US	HCorp
T-145	SLOPE EQUALIZER USING BASEBAND	5606735	US	
	DETECTION	3000.33	03	НСогр
T-146	DIGITAL TRANSMIT FILTER	5831879	US	TIC
T-149	Industrial Design (Look & Feel) of Megastar	D361073	US	HCorp
	Microwave Radio	D3010/3	03	НСогр
T-150	ERRORLESS SWITCHING WITH ADAPTABLE	5742646	US	170-
	PREDICTOR AND METHOD	3742040	03	HCorp
T-150	ERRORLESS SWITCHING WITH ADAPTABLE	317835	NO	HCorp
	PREDICTOR AND METHOD	317033	1110	псогр
T-150	ERRORLESS SWITCHING WITH ADAPTABLE	1282552	IT	НСогр
	PREDICTOR AND METHOD	1.202332	**	псогр
T-151	DIGITAL SLOPE DETECTOR AND METHOD	5781589	US	HCorp
T-151	DIGITAL SLOPE DETECTOR AND METHOD	317799	NO	HCorp
T-151	DIGITAL SLOPE DETECTOR AND METHOD	319479	NO	HCorp
T-151	DIGITAL SLOPE DETECTOR AND METHOD	1285201	IT	HCorp
T-152	ADAPTIVE PREDISTORTION USING OVER-	5910965	US	BWATI
	THE-HOP FEEDBACK	37.050	00	DWAII
T-153	METHOD AND SYSTEM FOR ADJUSTING	5706215	US	HCorp
ļ	REPLACEMENT COMPONENT			Heorp
į	CHARACTERISTICS			

ClientRef	Invite.	PatNumber	Country	Source
FT-154	REFLECTIVE POWER SPLITTER FOR	6466773	US	HCorp
P00 144	REDUNDANT RECEIVERS			1
FT-155	IN SERVICE CABLE FAILURE DETECTOR AND METHOD	5754053	US	BWATI
FT-158	PACKET SOURCE EXCLUSION METHOD	5781545	US	HCorp
FT-159	AUTOMATIC DIFFERENTIAL ABSOLUTE TIME	5828699	US	HCorp
	DELAY EQUALIZER			1
FT-160	DECISION DIRECTED CARRIER FREQUENCY DETECTOR AND METHOD FOR QAM	6738429	US	BWATI
FT-161	MEGASTAR HANDSET ASSEMBLY	6041121	US	HCorp
FT-162	SYMBOL TIMING PHASE DETECTOR	6381291	US	HCorp
FT-163	INSERTER-EXTRACTOR	6148506	US	HCorp
FT-165	REVERSE CURRENT GOLD ETCH	6150279	US	
FT-167	CONVOLUTIONAL SELF-DOUBLY	6167552	US	HCorp
	ORTHOGONAL CODES FOR ITERATIVE DECODING WTHOUT INTERLEAVING	0107532	05	HCorp
FT-172	METHODS FOR RADIO CALIBRATION AT	6418301	US	BWATI
	ROOM TEMPERATURE	1110501		DWWII
FT-172	METHODS FOR RADIO CALIBRATION AT ROOM TEMPERATURE	1206834	DE	BWATI
FT-172	METHODS FOR RADIO CALIBRATION AT	1206834	FR	DIVATE
	ROOM TEMPERATURE	1200634	LK	BWATI
FT-172	METHODS FOR RADIO CALIBRATION AT	1206834	SE	DIVATI
	ROOM TEMPERATURE	1200634	SE	BWATI
FT-172	METHODS FOR RADIO CALIBRATION AT	1206834	GB	DIVATT
,-	ROOM TEMPERATURE	1200654	OB	BWATI
FT-172	METHODS FOR RADIO CALIBRATION AT	1206834	IT	DMATE
	ROOM TEMPERATURE	1200654	11	BWATI
FT-173	FALSE CARRIER LOCK RECEIVER AND	6133785	US	DANY A TEX
	ASSOCIATED METHODS FOR DETECTION	0133763	US	BWATI
FT-173	FALSE CARRIER LOCK RECEIVER AND	1108319	IT	DIVIATI
	ASSOCIATED METHODS FOR DETECTION	1106519	11	BWATI
FT-173	FALSE CARRIER LOCK RECEIVER AND	1108319	DE	DAYATE
	ASSOCIATED METHODS FOR DETECTION	1100319	DE	BWATI
FT-175	CORRECTIVE PHASE QUADRATURE	6657510	US	110
	MODULATOR SYSTEM AND METHOD	003/310	US	HCorp
FT-179	WIDEBAND RANGING PROCESS FOR	6473420	TIC	TO STATE OF THE
	FREQUENCY ACQUISITION	04/3420	US	BWATI
FT-181	VERY LOW PHASE NOISE TEMPERATURE	6630869	US	IIC
	STABLE VOLTAGE CONTROLLED	0030809	US	HCorp
	OSCELLATOR			
FT-182	SYSTEM AND METHOD FOR DYNAMIC	6816475	US	110
	BANDWIDTH ALLOCATION FOR T1 OR E1	0010473	US	HCorp
	TRUNKS			
T-183	TWO AXIS POLE MOUNT ASSEMBLY	6664937	110	****
T-192	DATA STREAM PROTECTION SYSTEM AND	6950654	US .	HCorp
,.	METHOD	0930034	US	BWATI
T-193	WIDEBAND POWER AMPLIFIER	6744314	US	BWATI
	LINEARIZATION TECHNIQUE	. = .	- <del>-</del>	~ 71/11/1
T-197	TRANSMITTER CIRCUIT ARCHITECTURE AND	6701157	US	BWATI
	METHOD FOR REDUCING IN-BAND NOISE IN		- <del>-</del>	
	POINT TO MULTIPOINT COMMUNICATION			
l	SYSTEMS			
T-200	METHOD AND APPARATUS FOR LOOP	6950870	US	BWATI
	DETECTION AND DISSOLUTION IN A			DAVII
	COMMUNICATION NETWORK			

Chestical		PatNumber	Country	Source
FT-208	APPARATUS AND METHOD FOR A	7035369	US	HCorp
	PROGRAMMABLE CLOCK GENERATOR			ricorp
NB-2	METHOD FOR PROVISIONING	6499017	US	HCorp
	COMMUNICATION DEVICES AND SYSTEM			псогр
	FOR PROVISIONING SAME		,	I
NB-4	DYNAMIC CORBA GATEWAY FOR CORBA	6757899	US	НСогр
	AND NON-CORBA CLIENTS AND SERVICES			Heorp
NB-5	NETWORK SURVEILLANCE SYSTEM	5991881	US	НСого

# Attachment 7.2(m)(i)(B)-2 -- MCD Patents

ClientRef	In Title	DisclosureStatus	Date Created	Client
NV-035	WIRELESS SYSTEM DIALING STRATEGIES	Open	31-Mar-1998	NV

		Application				1
ClientRef		Status	AppNumber	Country	Date Created	Client
NV-031	METHOD AND APPARATUS	Pending	621/Del/96	IN	18-Jan-1996	NV
	FOR TRANSMITTING					
	METERING PULSE					
	INFORMATION TO A					
	WIRELESS PUBLIC CALL					
3111.004	OFFICE					
NV-034	WIRELESS SUBSCRIBER	Published	2000/130471	JP	15-Apr-1999	NV
	TERMINAL PROGRAMING				•	
	USING A BROADCAST					
NIV 024	CONTROL CHANNEL					
NV-034	WIRELESS SUBSCRIBER	Published	00401184.7	EP	15-Apr-1999	NV
	TERMINAL PROGRAMING					
	USING A BROADCAST					
	CONTROL CHANNEL					
NV-034	WIRELESS SUBSCRIBER	Published	00108207.8	CN	15-Apr-1999	NV
	TERMINAL PROGRAMING					- , ,
	USING A BROADCAST	]				
	CONTROL CHANNEL					
NV-034	WIRELESS SUBSCRIBER	Pending	2304415	CA	15-Apr-1999	NV
	TERMINAL PROGRAMING					
	USING A BROADCAST					
MACONA	CONTROL CHANNEL					
NV-034	WIRELESS SUBSCRIBER	Published	PI0001689-6	BR	15-Apr-1999	NV
	TERMINAL PROGRAMING				-	
	USING A BROADCAST					
JV 026	CONTROL CHANNEL					
NV-036	METHOD AND APPARATUS	Pending	00963472.6	EP	16-Dec-1998	NV
	FOR CARRIER PHASE					
NV-036	TRACKING METHOD AND ARRAPATIO	<u> </u>				
0,000	METHOD AND APPARATUS FOR CARRIER PHASE	Pending	2386418	CA	16-Dec-1998	NV
	TRACKING					
l	INACKING		-			

ClientRef		PatNumber	Country
NV-001	OSCILLATOR TEMPERATURE COMPENSATING CIRCUIT USING STORED AND CALCULATED VALUES	2018264	CA
NV-001	OSCILLATOR TEMPERATURE COMPENSATING CIRCUIT USING STORED AND CALCULATED VALUES	4922212	US
NV-002	AUTOMATIC NUMBER ASSIGNMENT MODULE SELECTION	5428666	US
NV-003	SELECTION CIRCUIT IN A SPACE DIVERSITY RECEIPTION SYSTEM FOR A MOBILE RECEIVER	5203025	US
NV-004	LINEARIZED OUTPUT CONTROL OF A NONLINEAR AMPLIFIER	5172071	US
NV-004	LINEARIZED OUTPUT CONTROL OF A NONLINEAR AMPLIFIER	2088750	CA

ClientRef		PatNumber	Country
NV-005	DIGITAL OSCILLATOR	5198779	US
NV-005	DIGITAL OSCILLATOR	2094672	CA
NV-006	RECEIVER HAVING AN ADJUSTABLE	5309482	US
	MATCHED FILTER		
NV-006	RECEIVER HAVING AN ADJUSTABLE	2092859	CA
	MATCHED FILTER		
NV-007	ADAPTIVE-SEQUENCE ESTIMATION	2097152	CA
	APPARATUS EMPLOYING DIVERSITY	1	· ·
	COMBINING SELECTION		
NV-007	ADAPTIVE-SEQUENCE ESTIMATION	5621769	US
	APPARATUS EMPLOYING DIVERSITY	3021,05	03
	COMBINING SELECTION		
NV-008	FREQUENCY OFFSET ESTIMATION USING THE	5422917	US
	PHASE ROTATION OF CHANNEL ESTIMATES	3422917	US
NV-008	FREQUENCY OFFSET ESTIMATION USING THE	2103299	CA
	PHASE ROTATION OF CHANNEL ESTIMATES	2103299	CA
NV-009	NOISE REDUCTION SYSTEM	5432859	US
NV-010	METHOD AND APPARATUS FOR NON-	5471518	
	VOLATILE DATA STORAGE IN RADIO	34/1316	US
	TELEPHONES AND THE LIKE		
NV-011	FABRICATION OF A SURFACE	5573679	FIG
	MICROMACHINED CAPACITIVE MICROPHONE	33/30/9	US
	USING A DRY-ETCH PROCESS		
NV-012	PRIVATE CELLULAR PHONE SYSTEM	5015015	
NV-021	CELLULAR RADIO-TELEPHONE RECEIVER	5915215	US
1117-021	EMPLOYING IMPROVED TECHNIQUE POR	2063364	CA
1	EMPLOYING IMPROVED TECHNIQUE FOR	1	
	GENERATING AN INDICATION OF RECEIVED SIGNAL STRENGTH		
NV-022			
V-022	IMPROVED DECISION FEEDBACK EQUALIZER (DFE)	5268930	US
NV-023			
N V -023	A MAXIMUM LIKELIHOOD CONVOLUTIONAL	5432803	US
111/ 00/	DECODER		
NV-024	TIMING AND AUTOMATIC FREQUENCY	2125489	CA
	CONTROL OF DIGITAL RECEIVER USING THE		
	CYCLIC PROPERTIES OF A NON-LINEAR		
	OPERATION		
NV-024	TIMING AND AUTOMATIC FREQUENCY	5282228	US
	CONTROL OF DIGITAL RECEIVER USING THE		
	CYCLIC PROPERTIES OF A NON-LINEAR		
	OPERATION		
VV-025	QAM DETECTOR WHICH COMPENSATES FOR	5640417	US
	RECEIVED SYMBOL DISTORTION INDUCED		
	BY A CELLULAR BASE STATION		
VV-026	VECTOR FM MODULATION FOR DUAL MODE	2080786	CA
	CELLULAR RADIO		
NV-026	VECTOR FM MODULATION FOR DUAL MODE	5224119	US
	CELLULAR RADIO		= · <del>-</del>
	FRACTIONALLY SPACED MAXIMUM	5263053	US
	LIKELIHOOD SEQ. ESTIMATION RECEIVER		
VV-027	FRACTIONALLY SPACED MAXIMUM	2092240	CA
1			
	LIKELIHOOD SEQ. ESTIMATION RECEIVER	-	
IV-028	LIKELIHOOD SEQ. ESTIMATION RECEIVER CELLULAR DATA OVERLAY SYSTEM (CIP) CELLULAR DATA OVERLAY SYSTEM (CIP)	5396539	US

Climatikas		Fatheniur	Country
NV-029	CELLULAR DATA OVERLAY SYSTEM	5528664	US
	PROVIDING PACKET-SWITCHED		
	COMMUNICATION DATA SERVICE OVER A	*	
	SELECTED CHANNEL WHICH IS NOT IN USE		
	BY A CIRCUIT-SWITCHED COMMUNICATION		
	SUBSYSTEM(AS AMENDED)		
NV-031	METHOD AND APPARATUS FOR	1002926	BD
	TRANSMITTING METERING PULSE		
	INFORMATION TO A WIRELESS PUBLIC CALL		
	OFFICE		
NV-031	METHOD AND APPARATUS FOR	5862469	US
	TRANSMITTING METERING PULSE		
	INFORMATION TO A WIRELESS PUBLIC CALL		
	OFFICE		
NV-031	METHOD AND APPARATUS FOR	135732	PK
	TRANSMITTING METERING PULSE		
•	INFORMATION TO A WIRELESS PUBLIC CALL		
	OFFICE		
NV-032	WIRELESS COMMUNICATIONS SYSTEM FOR	5953654	US
	IDENTIFYING UNAUTHORIZED MOBILE UNITS		
NV-034	WIRELESS SUBSCRIBER TERMINAL	237515	MX
	PROGRAMMING USING A BROADCAST		1127
	CONTROL CHANNEL		•
NV-034	WIRELESS SUBSCRIBER TERMINAL	6885862	US
	PROGRAMMING USING A BROADCAST		
	CONTROL CHANNEL		
NV-036	METHOD AND APPARATUS FOR CARRIER	6535549	US
	PHASE TRACKING		

# Attachment 7.2(m)(i)(B)-3 -- MCD Patents

ClientRef	Invitue	PatNumber	Country
WT-1	SYSTEM AND METHOD FOR BROADBAND	6016313	US
	MILLIMETER WAVE DATA COMMUNICATION		1
WT-1	SYSTEM AND METHOD FOR BROADBAND	0956681	DE
	MILLIMETER WAVE DATA COMMUNICATION		
WT-I	SYSTEM AND METHOD FOR BROADBAND	97180402.8	CN
	MILLIMETER WAVE DATA COMMUNICATION	7	O.I.
WT-1	SYSTEM AND METHOD FOR BROADBAND	1023869	HK
	MILLIMETER WAVE DATA COMMUNICATION	1023009	TIK .
WT-1	SYSTEM AND METHOD FOR BROADBAND	0532073	KR
	MILLIMETER WAVE DATA COMMUNICATION	0332075	KK
WT-I	SYSTEM AND METHOD FOR BROADBAND	217089	MX
	MILLIMETER WAVE DATA COMMUNICATION	21,700	""
WT-1	SYSTEM AND METHOD FOR BROADBAND	740965	AU
	MILLIMETER WAVE DATA COMMUNICATION		7.0
WT-1	SYSTEM AND METHOD FOR BROADBAND	2003203451	AU
	MILLIMETER WAVE DATA COMMUNICATION		
WT-1	SYSTEM AND METHOD FOR BROADBAND	0956681	FR
	MILLIMETER WAVE DATA COMMUNICATION	0,50001	110
WT-1	SYSTEM AND METHOD FOR BROADBAND	0956681	SE
	MILLIMETER WAVE DATA COMMUNICATION	0220001	SE
WT-1	SYSTEM AND METHOD FOR BROADBAND	1028691	НК
	MILLIMETER WAVE DATA COMMUNICATION	1020071	TIK.
WT-1	SYSTEM AND METHOD FOR BROADBAND	761426	AU
	MILLIMETER WAVE DATA COMMUNICATION	701420	AU
WT-1	SYSTEM AND METHOD FOR BROADBAND	0956681	GB
	MILLIMETER WAVE DATA COMMUNICATION	0,50001	GB
WT-1	SYSTEM AND METHOD FOR BROADBAND	335682	NZ
	MILLIMETER WAVE DATA COMMUNICATION	333082	INZ
WT-I	SYSTEM AND METHOD FOR BROADBAND	6778516	US
	MILLIMETER WAVE DATA COMMUNICATION	0778510	US
WT-1	SYSTEM AND METHOD FOR BROADBAND	6748240	US
	MILLIMETER WAVE DATA COMMUNICATION	0740240	03
WT-1	SYSTEM AND METHOD FOR BROADBAND	7054289	US
	MILLIMETER WAVE DATA COMMUNICATION	7034209	03
WT-1	SYSTEM AND METHOD FOR BROADBAND	6735452	US
	MILLIMETER WAVE DATA COMMUNICATION	0/33732	03
WT-2	MULTI-LEVEL INFORMATION MAPPING	6404755	US
	SYSTEM AND METHOD	0.01/33	03
WT-2	MULTI-LEVEL INFORMATION MAPPING	1222764	FR
	SYSTEM AND METHOD	1222104	LV
WT-2	MULTI-LEVEL INFORMATION MAPPING	1222764	GB
	SYSTEM AND METHOD	122107	OD
WT-2	MULTI-LEVEL INFORMATION MAPPING	1222764	SE
	SYSTEM AND METHOD		
WT-2	MULTI-LEVEL INFORMATION MAPPING	1222764	DE
	SYSTEM AND METHOD		
WT-51	A COMPACT WAVEGUIDE FILTER AND	7009469	US
	METHOD	, 30, 10,	0.0
WT-52	A SYSTEM AND METHOD FOR IMPROVING	6914577	US
	ANTENNA PATTERN WITH A TE20 MODE	V/17J//	US
	WAVEGUIDE		

**RECORDED: 08/13/2010**