)					
BROUTINE						
ite	Ignite_HiV_00_Asst			<u> </u>	-	I=
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=shutoff	Beam at step=ExtractBeam			
		Beam at end=shutoff	Beam at end=PlasmaOnly			
		PBN=off	PBN=on			
		Beam voltage=0	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=0	Beam curent=160	Si	20sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=0	Ignition RF Power=150			
		Suppressor Voltage=0	Suppressor Voltage=180			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=0	K Factor=3.1			target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1	1		
		Ar=10	Ar=10			
		Xe=0	02=0			
		N2=0	N2=0			
	Ignite_HiV_01_DepoAsst					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractBeam	Beam at step=ExtractBeam			
		Beam at end=ExtractBeam	Beam at end=ExtractBeam			
		PBN=on	PBN=on			
		Beam voltage=1120	Beam voltage=900	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=200	Beam curent=200	Si	20sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=150	Ignition RF Power=150			
		Suppressor Voltage=150	Suppressor Voltage=180			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=3.1	K Factor=3.1			target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	02=0			
		N2=0	N2=0			
	Ignite_GridClean					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractBeam	Beam at step=ExtractBeam			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Beam voltage=50	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=310	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=250	Ignition RF Power=250			
		Suppressor Voltage=800	Suppressor Voltage=800			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Trget angle=55		
		PM1	PM1			
		Ar=10	Ar=10			
		Xe=0	Xe=0			
		N2=0	N2=0			

Varmup	Warm up	B	IA-dat Barre Barrer	I=	In	let a
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=50	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Si	10sec	Fixture Rotation Speed=10rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=800	Suppressor Voltage=795			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		target-close
		PM1	PM1	ranger angle-33		
		Ar=10	Ar=10			
		Xe=0	02=0			
		N2=0	N2=0			
2_GasRamp	SiO2_GasRamp					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=1120	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Si	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300	-		- Interest of the Control of the Con
		Suppressor Voltage=180	Suppressor Voltage=795	+		Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			
				Townshamels EE		target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=5	Ar=5			
		Xe=5	O2=5			
		N2=0	N2=0			
D2_PrepSputt	SiO2_PreDep1_Gas Stab.					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	60sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300	J1	OUSEC	intuie notation speed-201pm
				+		Chutter "at heam"
		Suppressor Voltage=180	Suppressor Voltage=800	_		Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2	_		target=close
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1			
		Ar=0	Ar=0			
		Xe=5	O2=20			
		N2=0	N2=0			
	SiO2_PreDep2_Sputter		•			·
	, <u> </u>	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly	1		
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly	1		
		PBN=on	PBN=on	+		
				+		
		Do not change RF	Do not change RF	DN 41	Dunnana tima -	Finture Tilt Angle 40
		Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	Suppressor Voltage=800		l	Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
			K Factor=2 Gas Values	Target angle=55		target=close

		Ar=0	Ar=0			
		Xe=5	02=20			
		N2=0	N2=0			
iO2_Dep	SiO2_Dep					
		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractOnly	Beam at step=ExtractOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Beam voltage=1120	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=310	Si	1800sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	Suppressor Voltage=800			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=open
		K Factor=2	K Factor=2			target=open
		Gas Values	Gas Values	Target angle=55		
		PM1	PM1	J J		
		Ar=0	Ar=0			
		Xe=5	O2=20			
-		N2=0	N2=0			
iO2 GasRam	p SiO2 GasRamp		'	<u>'</u>	'	'
_		Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=PlasmaOnly	Beam at step=PlasmaOnly			
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Do not change RF	Do not change RF			
		Beam voltage=1120	Beam voltage=55	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=380	Beam curent=400	Si	15sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=300	Ignition RF Power=300			
		Suppressor Voltage=180	Suppressor Voltage=795			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		10.801 1.111
		PM1	PM1	runger ungre 33		
		Ar=5	Ar=5			
		Xe=5	O2=5			
		N2=0	N2=0			
iO2 GridClea	n SiO2 GridClean	142-0	1112-0			
	0.01_0.140.0411	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
		Beam at step=ExtractOnly	Beam at step=ExtractOnly	- unger		i meno
		Beam at end=PlasmaOnly	Beam at end=PlasmaOnly			
		PBN=on	PBN=on			
		Beam voltage=50	Beam voltage=50	PM1	Process time	Fixture Tilt Angle=40
		Beam curent=310	Beam curent=310	Si	300sec	Fixture Rotation Speed=20rpm
		Ignition RF Power=375	Ignition RF Power=375	J.	303366	Tixture notation speed-201pm
		Suppressor Voltage=800	Suppressor Voltage=800			Shutter "at beam"
		PBN Flowrate=5	PBN Flowrate=5			substrate=close
		K Factor=2	K Factor=2			target=close
		Gas Values	Gas Values	Target angle=55		target-cluse
	1			rarget aligie=55		
		IDN/1				
		PM1	PM1			
		PM1 Ar=10 Xe=0	Ar=10 Xe=0			

	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
	Beam at step=shutoff	Beam at step=shutoff			
	Beam at end=shutoff	Beam at end=shutoff			
	PBN=off	PBN=off			
	Beam voltage=0	Beam voltage=0	PM1	Process time	Fixture Tilt Angle=40
	Beam curent=0	Beam curent=0	Si	30sec	Fixture Rotation Speed=10rpm
	Ignition RF Power=0	Ignition RF Power=0			
	Suppressor Voltage=0	Suppressor Voltage=0			Shutter "at beam"
	PBN Flowrate=0	PBN Flowrate=0			substrate=close
	K Factor=0	K Factor=0			target=close
	Gas Values	Gas Values	Target angle=55		
	PM1	PM1			
	Ar=0	Ar=0			
	Xe=0	Xe=0			
	N2=0	N2=0			
Shut_dwn_open_cryo					
	Depo Beam Parameters	Assist Beam Parameters	Target	Process	Fixture
	Beam at step=shutoff	Beam at step=shutoff			
	Beam at end=shutoff	Beam at end=shutoff			
	PBN=off	PBN=off			
	Beam voltage=0	Beam voltage=0	PM1	Process time	Fixture Tilt Angle=90
	Beam curent=0	Beam curent=0	Si	10sec	Fixture Rotation Speed=10rpm
	Ignition RF Power=0	Ignition RF Power=0			
	Suppressor Voltage=0	Suppressor Voltage=0			Shutter "at beam"
		PBN Flowrate=0			substrate=close
	PBN Flowrate=0				
	K Factor=0	K Factor=0			target=close
	K Factor=0 Gas Values	K Factor=0 Gas Values	Target angle=55		target=close
	K Factor=0 Gas Values PM1	K Factor=0 Gas Values PM1	Target angle=55		target=close
	K Factor=0 Gas Values PM1 Ar=0	K Factor=0 Gas Values PM1 Ar=0	Target angle=55		target=close
	K Factor=0 Gas Values PM1	K Factor=0 Gas Values PM1	Target angle=55		target=close