FORM PTO- 161 9A Expires 06/30/99 OMB 0351-0027 03-20-2002



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U.S. Department of Commerce Patent and Trademark Office PATENT

RECORDATION FORM COVER SHEET PATENTS ONLY

PATENTS ONLY					
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or comities).					
Submission Type Conveyance Type					
New 3.6.02 Assignment Security Agreement					
Resubmission (Non-Recordation) Document ID# License Change of Name					
Correction of PTO Error Reel #					
Corrective Document (For Use ONLY by U.S. Government Agencies) Reel # Frame # Departmental File Secret File					
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date					
Name: (line 1) Cree Research, Inc. Month Day Year 12-7-99					
Name (line 2)					
Second Party Execution Date Month Day Year					
Name (line 1)					
Name (line 2)					
Receiving Party Mark if additional names of receiving parties attached					
Name (line 1) Cree, Inc.					
Name (line 2) Name (line 2) Receiving party is not domiciled in the United States, an appointment					
Address (line 1) 4600 Silicon Drive of a domestic representative is attached. (Designation must be a					
Address (line2) separate document from Assignment.)					
Address (line3) Durham North Carolina, USA 27703-8475 City State/Country Zip Code					
Domestic Representative Name and Address Enter for the first Receiving Party only.					
Name					
Address (line 1)					
Address (line 2)					
Address (line 3)					
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FORM PTO- 1619B Expires 06/30/99	Page 2		U.S. Department of Commerce
OMB 06600027	i ago L		Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Teleph	one Number 704-94	
Name SUMMA & ALLAN, P.A.			
Address (line 1) 11610 North Community House R	oad		
Address (one 2) Suite 200, Ballantyne Corporate P	ark		
Address (line 3) Charlotte, NC 28277			
Address Dine 4)			
Pages Enter the total number of pagincluding any attachments.	ges of the attached conve	eyance document	# 2
Application Number(s) or Patent Num	nber(s)	Mark if additions	al numbers officely
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	5,972,109	6,045,612	6,045,613
	6,048,813	6,063,185	6,066,205
If this document is being filed together with a new Pater signed by the first named executing inventor.	nt Application, enter the date the	e patent application was	Month Day Year
Patent Cooperation Treaty (PCT)			7
Enter PCT application number	PCTI	PCT	PCT
only if a U.S. Application Number has not been assigned.	PCT	РСТ	PCT
Number of Properties Enter the to	tal number of properties i	nvolved. # 11	
Fee Amount Fee Amount	for Properties Listed (37	CFR 3.41): \$ 440.	00
Method of Payment: Enck Deposit Account	osed Deposit Acc	count	
(Enter for payment by deposit account or if addit	ional fees can be charged to the Deposit Account Number:	e account.) #	50-0332
	Authorization to charge add	itional fees: Yes	No No

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. Charges to deposit account are authorized, as

Signature

Statement and Signature

indicated herein.

PHILIP SUMMA

Name of Person Signing

Date

1 FORM PTO- 1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Name (line 2)		receiving party is not domiciled in the United States, an appointment			
Address (line 1)		of a domestic representative is attached. (Designation must be a separate document from			
Address (line 2)		Assignment.)			
Address (line 3)	City State/Country Zip Cod	e			
Name (line 1)		If document to be recorded is an assignment and the receiving party is not			
Name (line 2)		domiciled in the United States, an appointment of a			
Address (line 1)		domestic representative is attached. (Designation must be a separate document from			
Address (line 2)		Assignment.)			
Address (line 3)	City State/Country Zip C	ode			
Application Number(s) or Patent Number(s) Mark if additional numbers at/ached					
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
	atent Application Number(s) Patent Numb				
	6,086,672 6,296,956				

PATENT REEL: 012676 FRAME: 0597



NORTH CAROLINA

Department of The Secretary of State

To all whom these presents shall come, Greetings:

I, ELAINE F. MARSHALL, Secretary of State of the State of North Carolina, do hereby certify the following and hereto attached to be a true copy of

ARTICLES OF AMENDMENT

OF

CREE, INC.

the original of which is now on file and a matter of record in this office.



Certification Number: 5823893-1 Page: 1 of 2 Ref.# 4717482-Verify this certificate online at www.secretary.state.nc.us/Verification. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at the City of Raleigh, this 12th day of December, 2001.

Elaine J. Marshall

Secretary of State

PATENT REEL: 012676 FRAME: 0598 993449044

ARTICLES OF AMENDMENT OF ARTICLES OF INCORPORATION OF CREE RESEARCH, INC.

FILED 9:30Am DEC 1 3 1999

Effective 1-1-2000 | 1:59 ELAINE F MARSHALL SECRETARY OF STATE NORTH CAROLINA

Pursuant to Section 55-10-06 of the General Statutes of North Carolina, the undersigned corporation hereby submits the following Articles of Amendment for the purpose of amending its Articles of Incorporation:

- 1. The name of the corporation is Cree Research, Inc.
- 2. The text of Article I of the Articles of Incorporation is amended to read in its entirety as follows:

"The name of the corporation is Cree, Inc."

- 3. No exchange, reclassification or cancellation of issued shares will be effected by the amendment.
- 4. The date of adoption of the amendment was November 2, 1999.
- 4. The amendment was approved by shareholder action as required by Chapter 55 of the North Carolina General Statutes.
- 5. These Articles of Amendment shall be effective on January 1, 2000.

Signed this the 7th day of December, 1999.

CREE RESEARCH, INC.

dam H. Broome, Secretary

12468

Certificate Number: 5823893-1 Page: 2 of 2 Ref:

PATENT RECORDED: 03/06/2002 REEL: 012676 FRAME: 0599