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FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)



102908715

DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Carl Faulkner; Daniel J. Connelly; Daniel E. Grupp
Additional name(s) of conveying party(ies) attached? [X] No [] Yes

2. Name and address of receiving party(ies): Name: Acorn Technologies, Inc. Internal Address: Street Address: 881 Alma Real Drive

3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other
Execution Date: December 8, 2004

City: Pacific Palisades State: CA Zip: 90272
Country:
Additional name(s) & address(es) attached? [] No [] Yes

4. Application number(s) or patent number(s):
A. Patent Application No.(s)

B. Patent No.(s)
Additional numbers attached? [X] No [] Yes

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address: Street Address: 12400 Wilshire Boulevard 7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41).....\$ 40.00
[X] Enclosed
[X] Authorized to be charged to deposit account
8. Deposit Account Number: 02-2666
(Attach duplicate copy of this page if paying by deposit account)

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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.

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01 FC:8021 40.00 DP

Tarek N. Fahmi
Name of Person Signing

[Signature]
Signature

December 9, 2004
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 3771P007

PATENT REEL: 016081 FRAME: 0879

19270 U.S. PTO 11/010048 120904

Attorney's Docket No.: 3771P007

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Carl Faulkner; Daniel J. Connelly; Daniel E. Grupp

hereby sell, assign, and transfer to:

Acorn Technologies, Inc.

a Corporation of Delaware, having a principal place of business at 881 Alma Real Drive, Pacific Palisades, California 90272 ("Assignee"), and 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 inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:



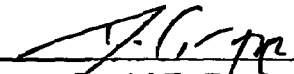
Insulated Gate Field-Effect Transistor Having III-VI Source/Drain Layers

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all 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.

Each Inventor: Please Sign and Date Below:

12/8/04	
Date	Name: Carl Faulkner
8 Dec 04	
Date	Name: Daniel J. Connelly
8 DEC 04	
Date	Name: Daniel E. Grupp
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:

Assignment Document Return Address:
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