

08-24-2001

Substitute Form PTO-1595
Attorney Docket No.: 12144-006001

SHEET

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Sae-Young Chung Dae-Young Kim Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Airvana, Inc. 25 Industrial Avenue Chelmsford, MA 01720 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: July 2, 2001; August 13, 2001, respectively	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/778,668 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: DAVID L. FEIGENBAUM Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>	
David L. Feigenbaum Reg. No. 30,378 Name of Person Signing	 Signature
	8/14/01 Date
Total number of pages including coversheet, attachments and document: 4	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

August 14, 2001
Date of Deposit

Signature

Lesley J. Arvidson
Typed Name of Person Signing Certificate

PATENT
REEL: 012091 FRAME: 0810

ASSIGNMENT

For valuable consideration, we, SAE-YOUNG CHUNG of 4411 Stearns Hill Road, Waltham, MA 02451, DAE-YOUNG KIM of 851 Emerson Gardens Road, Lexington, MA 02420, hereby assign to: Airvana, Inc., a Massachusetts corporation having a place of business at: 25 Industrial Avenue, Chelmsford, MA 01720; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled REVERSE RATE CONTROL, filed February 7, 2001, and assigned U.S. Serial Number 09/778,668, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Lexington Chelmsford, MA,
this 2nd day of July, 2001
SAE YOUNG CHUNG L.S.
SAE-YOUNG CHUNG

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 2nd day of July, 2001, personally appeared SAE-YOUNG CHUNG known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

C. Jean Coates
Notary Public

My Commission Expires:

[Notary's Seal Here]

C. Jean Coates
NOTARY PUBLIC
My commission expires Oct. 15, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Lexington Chelmsford, MA,

this 13 day of August, 2001

L.S.

DAE-YOUNG KIM

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 13th day of August, 2001, personally appeared DAE-YOUNG KIM known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

C. Jean Coates
Notary Public

My Commission Expires:

[Notary's Seal Here]

C. Jean Coates
NOTARY PUBLIC
My commission expires Oct. 15, 2004

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