

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michael Malcolm	11/10/1998
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Cacheflow. Inc.
<b>Street Address:</b>	650 Almanor Avenue
<b>City:</b>	Sunnyvale
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94086
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7197602
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)798-0310
<b>Phone:</b>	6507980320
<b>Email:</b>	tarek.fahmi@snrdenton.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Tarek N. Fahmi / SNR Denton US LLP
<b>Address Line 1:</b>	PO Box 061080
<b>Address Line 2:</b>	wacker Drive Station, Willis Tower
<b>Address Line 4:</b>	Chicago, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	40003892-0001
<b>NAME OF SUBMITTER:</b>	Tarek N. Fahmi
<b>Total Attachments: 2</b> source=0036#page1.tif source=0036#page2.tif	

OP \$40.00 7197602

**ASSIGNMENT**

WHEREAS, I, MICHAEL MALCOLM, a citizen of the United States, residing at 521 Shelby Lane, Los Altos, California 94024, United States, have invented an "MULTIPLE CACHE COMMUNICATION" for which we have executed application papers for a U.S. patent thereon, which was filed on July 31, 1998 Serial No. 09/127,249, and

WHEREAS, CACHEFLOW, INC., a corporation, having a place of business at 650 Almanor Ave., Sunnyvale, California 94086, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, MICHAEL MALCOLM, do sell, assign, transfer and set over unto the said CACHEFLOW, INC., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said CACHEFLOW, INC., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

  
MICHAEL MALCOLM

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, \_\_\_\_\_, a Notary Public, personally appeared MICHAEL MALCOLM personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
NOTARY PUBLIC

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

No. 5907

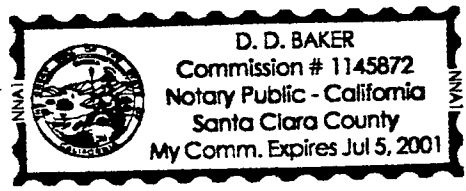
State of California

County of Santa Clara

On Nov. 10, 1998 before me, Desirée D. Baker, Notary Public  
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Michael Malcolm  
NAME(S) OF SIGNER(S)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

D. D. Baker  
SIGNATURE OF NOTARY

**OPTIONAL**

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL
- CORPORATE OFFICER
- \_\_\_\_\_ TITLE(S)
- PARTNER(S)       LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: \_\_\_\_\_

**DESCRIPTION OF ATTACHED DOCUMENT**

Assignment  
TITLE OR TYPE OF DOCUMENT

1  
NUMBER OF PAGES

11-10-98  
DATE OF DOCUMENT

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY (IES)  
Self

Robert Zarnke  
SIGNER(S) OTHER THAN NAMED ABOVE