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 $\mathbf{E}\mathbf{T}$ U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Atty. Dkt.. No.: VWE-001-1

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.						
1.	Name of conveying party(ies): 1-16-02	2. Name and address of receiving party(ies):				
	AUYEUNG, Cheung; CHEN, Sho Long; and SIU, Stanley H.	Name: Vweb Corporation				
Additional name(s) of conveying party(ies) attached?		Street Address: 5300 Stevens Creek Blvd., Ste. 320				
	☐ Yes ⊠ No	City/State/Zip: San Jose, CA 95129-1032				
3.	Nature of conveyance:	Additional name(s) & address(es) attached?				
	Assignment	☐ Yes ⊠ No				
Exe	ecution Date: October 15, 2001					
4. Application number(s) or patent number(s):						
If th	nis document is being filed together with a new application	, the execution date of the application is:				
	A. Patent Application No.(s): 09/842,201	B. Patent No.(s):				
	Additional number	rs attached? Yes No				
5.	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: [1]				
	Name:					
	Edward S. Mao, Esq.	7. Total fee (37 CFR 3.41)				
	Bever, Hoffman & Harms, LLP 2099 Gateway Place, Suite 320	☐ Enclosed☐ Authorized to be charged to deposit account				
	San Jose, CA 95110-1017	8. Deposit account number: 50-0574 (Attorney Docket No.: VWE-001-1)				
DO NOT USE THIS SPACE						
9.	9. Statement and signature. 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.					
	Edward S. Mao	Lward Mao 10/17/2001 Signature Date				
	Name of Person Signing	Signature Date				
	Total number of pages including cover sheet, attachments, and document: [3]					

PATENT REEL: 012490 FRAME: 0928

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

Cheung Auyeung of 107 South Mary Avenue, Apt. 122, Sunnyvale, CA, 94086

Sho Long Chen of 14411 Quito Road, Saratoga, CA, 95070

Stanley H. Siu of 1362 Kingfisher Way, #34, Sunnyvale, CA, 94087

hereby sell, assign and transfer to **Vweb Corporation**, a California corporation, having a place of business at 5300 Stevens Creek Blvd., Suite 320, San Jose, CA, 95129-1032, its successors and assigns, the entire right, title and interest throughout the world in our invention in

MOTION ESTIMATION USING PREDETERMINED PIXEL PATTERNS AND SUBPATTERNS

for which a United States patent application was filed on April 24, 2001 and assigned Serial No.: 09/842,201, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the abovenamed assignee, its successors and assigns.

Evecuted this	15	day of	October	, 2001.
executeu uus		uavoi	1/0/0/21	, 4001.

Cheung payeung

State of <u>California</u>) ss.
County of <u>Santa Clara</u>)

CAPACITY CLAIMED BY SIGNER
() individual(s) signing for
[X] oneself/themselves

On October 5, 2001, before me, Rebecca A. Baumann, personally appeared Cheung Auyeung [] personally known to me --or -- [X] 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/she executed the same in his/her authorized capacity, and that by his/her 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.

REBECCA A. BAUMANN
Commission # 1252448
Notory Public - California
Santa Clara County
My Comm. Expires Feb 4, 2004

Leluccash Boumana

PATENT REEL: 012490 FRAME: 0929

Executed this 15 day of CCTCkG, 2001.	Sho Long Chen				
State of <u>California</u>)) ss. County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER () individual(s) signing for [X] oneself/themselves				
On October 5, 2001, before me, Rebecca A. Baumann, personally appeared Sho Long Chen [] personally known to meor [X] 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. **REBECCA A. BAUMANN** **REBECCA A. BAUMANN** **PROPRESSOR A. BAUM					
Notary Public - California Santa Clara County My Comm. Expires Feb 4, 2004 Executed this	Signature Stanley H. Signature				
State of <u>California</u>)) ss. County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER () individual(s) signing for [X] oneself/themselves				
On October , 2001, before me, Rebecca A. Baumann, personally appeared Stanley H. Siu [] personally known to meor [X] 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
REBECCA A. BAUMANN Commission # 1252448 Notary Public - California Santa Clara County My Comm. Expires Feb 4, 2004	Dulecco H. Baumann Signature				

RECORDED: 10/17/2001

PATENT REEL: 012490 FRAME: 0930