

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daniel M. Esbensen	07/14/1989
RECEIVING PARTY DATA	
Name:	Touch Technologies
Street Address:	9988 Hibert Street
Internal Address:	Suite 310
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5226141
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214.953.6691
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Correspondent Name:	B.K. Drinkwater, c/o Baker Botts L.L.P.
Address Line 1:	2001 Ross Avenue
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NAME OF SUBMITTER:	B. K. Drinkwater
Total Attachments: 1 source=Pat 141 Esbensen to Touch#page1.tif	

CH \$40.00 5226141

Assignment

Filed July 14, 1989

In consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the under-
signed, Variable Capacity Caches

in the application for Letters Patent of the United States therefor, executed by the undersigned concur-
rently with Tough Technology, et al
and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby
assigned by the undersigned to

Tough Technology, et al, successors, legal representatives and assigns of Tough Technology, a California
Corporation (hereinafter collectively called said Assignee), and the
Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent
to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said
Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for
the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of
any application for the reissue or extension of any Letters Patent that may be granted on said invention or
improvements that said Assignee may deem necessary or expedient, and for the said considerations it is
further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any
division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof,
becoming involved in interference, to co-operate to the best of the ability of the undersigned with said
Assignee in the matters of preparing and executing the preliminary statement and giving and producing
evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain
said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the
same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.
And for the said considerations the entire right, title and interest in said invention or improvements, including
all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including
those under the International Convention, and all other Conventions, and the right to file applications for
patent in said Assignee's own name for said invention or improvements in each and every country of the
world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the
undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of
the undersigned to be executed in connection with any and all applications for foreign Letters Patent
therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in
said foreign applications and patents in said Assignee. The attorneys of record in said application for patent
are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial
number thereof in the places provided therefor.

FILED 5101 MAR 5 89

RECORDED
PATENT & TRADEMARK OFFICE

JUL 14 89

Daniel M. Esbensen (SEAL)
Daniel M. Esbensen

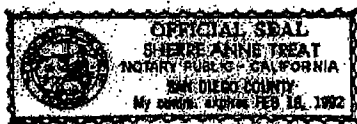
State of California
County of San Diego

[Signature]
COMMISSIONER OF PATENTS
AND TRADEMARKS OFFICE

(SEAL)

On July 14 1989 Daniel M. Esbensen
appeared before me, a Notary Public
in and for the State and County aforesaid, and acknowledged that he freely and voluntarily sub-
scribed and executed the foregoing Assignment for the purposes and uses therein expressed.

(SEAL)



Sherre Anne Treat
Notary Public

My Commission Expires February

[Signature]

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