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TRADE	Address: 2-3, Maruno Chiyoda-ku,	uchi 2-chome, Tokyo, Japan				
Additional name(s) of conveying party(ies) attache	ed? 🗆 Yes 📕 No					
3. Nature of Conveyance:						
Assignment						
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Execution Date: September 9, 2003	Additional name(s) and	d address(es) attached? □Yes No				
4. Application number(s) or patent number(s):						
If this document is being filed together with a new	application, the execution date of the appl	ication is:				
A. Patent Application No.(s)	B. Patent No.(s)					
10/623,523	[
Additiona	al numbers attached? Yes No					
5. Name and address of party to whom corresponde concerning document should be mailed:	6. Total applications at	nd patents involved: 1				
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9. Statement and signature						
To the best of my knowledge and belief, the forego	oing information is true and correct and	any attached copy is a true				
Marvin J. Spivak	and A leadette	Jan 37 2014				
Name of Person Signing	Signature	Date				
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PATENT REEL: 014928 FRAME: 0458

Assignment of Application

E	WHEREAS, I (WI	E) Thomas SALZER of:							
•		1, allee de Beaulie	u CS 10806, 3:	5708 Renne	s Cedex 7,	France	:		
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	have invented cer	tain new and useful in	nprovements in	ı: MC-CDN	MA DOW	NLINK	TRANSM	ISSION M	IETHOD
D D	For which an application for Letters Patent was executed on								
	(Application No.	10/623,523		, filed	July	22,	2003), and
	WHEREAS,	MITSUBISHI DEN	KI KABUSHII	KI KAISHA	<u> </u>				
F	d	ad to on "A SSIGNIEE	22) hassima mlaa	as of husins	on atı 2 2	Moran	oveki 2 ch	ome Chiv	oda ku Tokyo

(hereinafter referred to as "ASSIGNEE") having places of business at: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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PATENT REEL: 014928 FRAME: 0459

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 4 See 9th 03	\ Si 120	
	(Signature of Inventor) Thomas SALZER	
Date:		
	(Signature of Inventor)	-
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET **ALEXANDRIA, VIRGINIA 22314**

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PATENT REEL: 014928 FRAME: 0460

RECORDED: 01/28/2004