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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
ATR Interpreting Telecommunications	Name: Seiko Epson Corporation	
Research 2-2, Hikaridai 2-chome,	Internal Address:	
Seika-cho Soraku-gun,	Street Address:	
Kyoto, Japan / V V/V/V/V/V/V/V/V/V/V/V/V/V/V/V/V/V/	4-1 Nishishinjuku 2-Chome, Shinjuku-ku,	
Additional name(s) of conveying party(ies) attached? Yes No	Tokyo, Japan	
3. Nature of Conveyance:		
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other 	Additional name(s) and addresses attached? Yes No	
Execution Date: September 9, 2002		
4. Application number(s) or patent number(s):	2 9: 2: 1 9: 2:	
If this document is being filed together with a new application, the execution date of the application is:		
<u> </u>		
A. Patent Application No(s).	B. Patent No(s).	
	5,754,681	
Additional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Intellectual Property Department	7. Total fee (37 CFR 3.41)\$	
Epson Research And Development Inc. 150 River Oaks Parkway, Suite 225	☐ Enclosed	
San Jose, CA 95134	Authorized to be charged to deposit account.	
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To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document.		
Michael T. Gabrik Registration No. 32,896 Michael T. Hall Date: October 15, 2002		
Total number of pages including cover s	heet, attachments and document:	
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Joint Assignment Recordation Cover Sheet	REV 11//97	

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ASSIGNMENT

ATR INTERPRETING TELECOMMUNICATIONS RESEARCH, a corporation of Japan, having a principal place of business at 2-2, Hikaridai 2-chome, Seika-cho Soraku-gun, Kyoto, Japan (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent No. 5,754,681.

SEIKO EPSON CORPORATION, a corporation of Japan, having a place of business at 4-1 Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan (hereafter the "Assignee"), desires to acquire all of the rights to United States Patent No. 5,754,681 and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to United States Patent No. 5,754,681, and all inventions described and claimed therein, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

ATR INTERPRETING TELECOMMUNICATIONS
RESEARCH

By:	Hirokazu Higashi	(digarhi
Title: _	President	
Date: _	September 9, 2002	

RECORDED: 10/22/2002

PATENT REEL: 013417 FRAME: 0014