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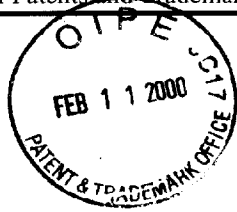
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1. Name of conveying party(ies):

- 1. Akio UEDA
- 2. Yuichi FUJITA
- 3. Atsuhiko ADACHI
- 4. Hiroki EMOTO



Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

- Assignment
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Execution Date: December 1, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/450,123

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
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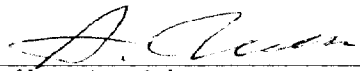
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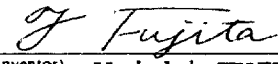


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Date: 1 / Dec / 1999   
(Signature of Inventor) Akio UEDA

Date: 1 / Dec / 1999   
(Signature of Inventor) Yuichi FUJITA

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(Signature of Inventor) Atsuhiko ADACHI

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(Signature of Inventor) Hiroki EMOTO

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