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Koji UEDA and Yuji MIYAMOTO

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

2. Name and address of receiving party(ies)

Name: NSK LTD.

6-3, Ohsaki 1-chome  
Shinagawa-ku, Tokyo 141-8560  
JAPAN

3. Nature of Conveyance:

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Execution Date: January 16, 2003

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

If this document is being filed together with a new application, the execution date of  
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10343793

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PATENT  
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## ASSIGNMENT

WHEREAS, Koji UEDA and Yuji MIYAMOTO,  
citizen(s) of JAPAN whose address(es) is (are) c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome,  
Fujisawa-shi, Kanagawa 251-8501 JAPAN  
respectively, (hereinafter collectively ASSIGNOR) has invented certain new and useful improvements in  
CAGE  
for which application for Letters Patent of the United States (5) is about to be (has been) made; and

WHEREAS, NSK Ltd.  
a corporation, of Japan whose address is  
6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 JAPAN (hereinafter ASSIGNEE)  
is desirous of acquiring all right, title, and interest in the United States in and to the aforesaid invention,  
and in, to and under any and all United States Patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the  
receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has and by these presents does hereby sell,  
assign and transfer unto ASSIGNEE, its successors and assigns, his entire right, title and interest in and  
to said invention as described in the application Serial Number \_\_\_\_\_, executed  
(filed) on \_\_\_\_\_  
(Crowell & Moring LLP, are hereby authorized to insert the execution date, filing date, Serial Number  
or other appropriate identifying data when known) in any form or embodiment thereof, and in and to the  
aforesaid application; also his entire right, title and interest in and to any and all patents, reissues or  
extensions thereof to be obtained in the United States on said invention, and any divisional, continuation,  
continuation-in-part, or substitute applications which may be filed on said invention in the United States;  
and the issuing authority is hereby authorized and requested to issue any and all patents on said invention  
to ASSIGNEE.

ASSIGNOR further agrees without any payment by ASSIGNEE, other than expenses incurred by ASSIGNOR,  
to communicate to ASSIGNEE, its representatives or agents, facts relating to said invention, including evidence  
for interference purposes or for other proceedings, whenever requested; to testify in any interference or other  
proceedings, whenever requested; and to execute and deliver on request all lawful papers required to make any  
of the foregoing provisions effective, and likewise make these provisions binding upon any heirs, legal  
representatives, administrators and assigns, and ASSIGNOR hereby warrants that, at the time of execution and  
delivery of this instrument, he is the lawful owner of the entire right, title and interest in and to said  
invention and said application, and that the same are unencumbered and that he has good and full right and  
lawful authority to sell and convey the same in the manner herein set forth.

IN WITNESS WHEREOF, ASSIGNOR hereunto sets his hand and seal

Inventors:

Koji Ueda  
Koji UEDA  
Date: 1/16/2003

Yuji Miyamoto  
Yuji MIYAMOTO  
Date: 1/16/2003

Witness(es):  
\_\_\_\_\_  
\_\_\_\_\_