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U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office Docket No. 204552011900

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	se record the attached original documents of FePy thereof 1998
1. Name of conveying party(ies): Hiromu ISHIDA, Yasushi KAMIHIGASHI, Kenji KUBOTA, Tadashi KANNO, Sakashi KAMATA, Yujiro MATSUYAMA, Yoshio ARAKI, Kiyoshi NEGISHI and Chisato NONOMURA Individual(s)	2. Name and address of receiving party(ies): Name: Japan Highway Public Corporation 3-2, Kasumigaseki 3-chome Chiyoda-ku, Tokyo-to, JAPAN and Toyo Boseki Kabushiki Kaisha 2-8, Dojimahama 2-chome, Kita-ku Osaka-shi, Osaka-fu, JAPAN Additional name(s) & 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 A. Patent Application No.(s) 09/103,111 Additional numbers attached? ☐ Yes ☑ No 	execution date of the application is: B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888	Attorney Docket
document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W.	7. Total fee (37 C.F.R. § 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account, reference Attorney Docket 8. Deposit account number: 03-1952
document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be re-	7. Total fee (37 C.F.R. § 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account, reference Attorney Docket 8. Deposit account number: 03-1952
document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be recommissioner and signature.	7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed Authorized to be charged to deposit account, reference Attorney Docket 8. Deposit account number: 03-1952 quired by this paper, or to credit any overpayment to Deposit Account No. 03-1952

PATENT REEL: 9441 FRAME: 0895

MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Japan Highway Public Corporation of 3-2, Kasumigaseki 3-chome,
Chiyoda-ku, Tokyo-to, Japan and
Toyo Boseki Kabushiki Kaisha of 2-8, Dojimahama 2-chome,
Kita-ku, Osaka-shi, Osaka-fu, Japan respectively

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, 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 and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

"BRIDGE OF SHOCK-ABSORBING CONSTRUCTION"

Attorney Docket No.: 20455-20119.00

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 09/103,111 Filing Date: June 23, 1998

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

Page 1 of 3

PATENT REEL: 9441 FRAME: 0896

- 2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.
- 3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
- 4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
- 5. The undersigned hereby grant(s) to the firm of Morrision & Foerster LLP the power to insert on this assignment any further identification 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.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

August 26, 1998	Hiramu Ishida
Date	Typed Name: Hiromu ISHIDA
August 26, 1998	Jusushi Franchigasho
Date	'Typed Name: Yasushi KAMIHIGASHI
August 26, 1998	Henji Kubota
Date	Typed Name: Kenji KUBOTA
August 26, 1998	70149
Date	Typed Name: Tadashi KANNO
August 26, 1998	Sakashi Kamata
Date	Typed Name: Sakashi KAMATA
August 26, 1998	Typed Name: Yujiro MATSUYAMA
Date	Typed Name: Yujiro MATSUYAMA
August 26, 1998	Yoshis araki
Date	Typed Name: Yoshio ARAKI
August 26, 1998	
Date	Typed Name: Kiyoshi NEGISHI
August 26, 1998	Chisate Mononuira
Date	Typed Name: Chisato NONOMURA
Date	Typed Name:

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

August 26, 1998

Date

Typed Name: Motoko YASUHARA

August 26, 1998

Date

Typed Name: Sumiko TAURA

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RECORDED: 09/09/1998

PATENT REEL: 9441 FRAME: 0898