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June 29, 2001

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Atty. Ref.: Yanagihara Case 61

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Name of Conveying Party: Akira HORIGANE

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- 2

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Nature of Conveyance:

[X] Assignment [] Security Agreement [] Merger [] License
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7/2/01

Execution Date of Document: March 5, 2001

If this document is being filed together with a new application, the execution
date of the application is: ---Patent Application Numbers:
09/803 385Patent Numbers:
---Total Number of Applications and Patents Involved: 1. An enclosed check includes
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overpayment, or to charge any additional recording fee required by this paper, to
Deposit Account No. 06-1382.Mail correspondence concerning
the document to:FLYNN, THIEL, BOUTELL & TANIS, P.C.
2026 Rambling Road
Kalamazoo, MI 49008-1699To the best of my knowledge and belief, the foregoing information is true and
correct, and any attached copy is a true copy of the original document.

07/10/2001 LMUELLER 00000288 09803385

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Respectfully submitted,

Terryence F. Chapman

TFC/smd

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PATENT
REEL: 011953 FRAME: 0808

ASSIGNMENT

United States (Sole or Joint)
(Excluding Foreign Rights)

WHEREAS, I/We, Akira HORIGANE

residing at Tsukuba-Shi, Ibaraki, Japan

have invented certain new and useful improvements in
CRUSHER, PROCESS FOR PREPARING AND TESTING MATERIALS AND
APPARATUS THEREFOR

for which an application for United States Letters Patent was filed on March 9, 2001
and received U.S. Serial No. 09/803 385.

WHEREAS, Akira HORIGANE and JAPAN AS REPRESENTED BY DIRECTOR
GENERAL OF NATIONAL AGRICULTURE RESEARCH CENTER, MINISTRY OF
AGRICULTURE, FORESTRY AND FISHERIES having a place of business at
16-520-201, Matsushiro 5-Chome, Tsukuba-Shi, Ibaraki 305-0035, Japan and
1-1, Kannondai 3-Chome, Tsukuba-Shi, Ibaraki 305-8666, Japan
hereinafter called the "Assignee", 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
therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other
valuable considerations, the receipt whereof is hereby acknowledged, I/we have sold,
assigned and transferred, and by these presents do sell, assign, transfer and confirm in
and to said Assignee my/our full and exclusive right to the said invention in the United
States and its territorial possessions and my/our entire right, title and interest in and to
said application and any and all Letters Patent which may be granted therefor in the
United States and its territorial possessions and in and to any and all divisions, reissues,
continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to
issue any and all of said Letters Patent, when granted, to said Assignee for the sole use
and behoof of the said Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witnessed by:

Sumiya Yamada

Inventor(s):

Akira Horigane

Date:

March 5, 2001
Akira HORIGANE