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Form PTO-1595 (Rev. 03/01)		04-24-2002		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002)					
Tab settings ⇌ ⇌ ⇌ ▼		102065174		shed original documents or copy thereof.	
To the Honorable Commissioner					
1. Name of conveying party(ies): Tadao YOSHIKAWA  02/08/02		2. Name and address of receiving party(ies) Name: <u>Hitachi Zosen Corporation</u> Internal Address: _____ _____ _____ Street Address: <u>7-89, Nanko-kita 1-chome</u> <u>Suminoe-ku, Osaka-shi,</u> City: <u>Osaka, JAPAN</u> State: _____ Zip: <u>559-0034</u>			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____					
Execution Date: <u>January 21, 2002</u>		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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: <u>21 JAN 2002</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Mark Kusner</u> Internal Address: <u>Mark Kusner Co., LPA</u>  02/12/2002 LLANDGRA 00000101 10049119 02 FC:581 40.00 DP Street Address: <u>Highland Place - Suite 310</u> <u>6151 Wilson Mills Road</u> City <u>Highland Heights</u> State: <u>OH</u> Zip: <u>44143</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)			
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature. <i>To 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</i>  Mark Kusner, Reg. No. 31,115 Name of Person Signing   Signature 8 FEB 2002 Date					
Total number of pages including cover sheet, attachments, and documents <u>3</u>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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PATENT  
REEL: 12809 FRAME: 0587

For: U.S. Rights  
For: U.S. Application  
By: Inventor

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Name Tadao YOSHIKAWA  
Address c/o HITACHI ZOSEN CORPORATION  
7-89, Nanko-kita 1-chome, Suminoe-ku,  
Osaka-shi, Osaka 559-0034 Japan  
Citizenship Japanese

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Citizenship \_\_\_\_\_

hereby sells, assigns and transfers to:

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ASSIGNEE:

Name HITACHI ZOSEN CORPORATION  
Address 7-89, Nanko-kita 1-chome, Suminoe-  
ku, Osaka-shi, Osaka 559-0034 Japan  
  
Corp. of Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

SCREW CONVEYOR APPARATUS FOR STEEP SLOPE AND HIGH LIFT

and which is found in (37 C.F.R. § 3.21) U.S. patent application executed on even date herewith and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal.

Date: January 21, 2002

Tadao Yoshikawa  
Signature of: Tadao YOSHIKAWA

Date: \_\_\_\_\_

Signature of: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of: \_\_\_\_\_

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