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1. Name of conveying party(ies):

Shigeki CHUJO (05/07/2007) and Koichi NAKAYAMA (05/07/2007)

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

2. Name and address of receiving party(ies)

Name: DAI NIPPON PRINTING CO., LTD.

Internal Address: _____

Street Address: _____

1-1, Ichigaya-Kaga-Cho, 1-Chome
Shinjuku Ku,

City: Tokyo-To

State: _____

Country: JAPAN Zip: 1628001

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

U.S. National Phase of
PCT/JP2005/020823, filed
November 24, 2005

B. Patent No.(s)

11/791593

Additional numbers attached? Yes No

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

Name: Michael E. Hilton
HARNES, DICKEY & PIERCE, P.L.C.

Internal Address: Atty. Dkt.: 1300-000039/US/NP
Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number: (248) 641-1600

Fax Number: (248) 641-0270

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
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- None required (government interest not affecting title)

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9. Signature:

Signature

Michael E. Hilton - 33,509

Name of Person Signing

May 24, 2007

Date

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Total number of pages including cover sheet, attachments, and documents: 3

MEH/sh

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譲渡証 (Translation/日本語訳)

下記に署名した私/私達、
は、

ある発明を創出し、これについて合衆国特許出願は

- ここに私/私達により署名され、
- _____に私/私達により (それぞれ) 署名され、
- に出願され、出願番号が交付され、
- PCT 国際出願としてに出願され、

その発明は

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

Shigeki CHUJO and Koichi NAKAYAMA,

who have created a certain invention for which an application for United States Letters Patent

- executed by ME/US on even date herewith,
- executed by ME/US on _____, (respectively),
- filed on _____ and assigned Serial No. _____,
- filed as International Application No. PCT/JP2005/020823 filed on November 14, 2005,

and entitled:

"METHOD FOR MANUFACTURING ELECTROCONDUCTIVE MATERIAL-FILLED THROUGH HOLE SUBSTRATE"

という名称である。そして、ここにその受領を認める対価で：私/私達は、当該発明/出願について、合衆国とその属領及び全ての外国に於ける全面的かつ独占的な権利；合衆国とその属領及び全ての外国に於いて発行される特許証に関わる全ての権利、所有権、利益；一部継続出願、継続出願、分割出願、差替え出願、再発行出願、特許期間延長等、合衆国とその属領及び全ての外国に於いて既に出願されたか若しくは今後出願される特許に関わる全ての権利；そして、国際条約、同盟、契約、法令、協定（将来制定されるものを含む）に基づく全ての優先権を伴う一切の権利；を、日本国東京都新宿区市谷加賀町一丁目1番1号に住所を有する大日本印刷株式会社、その後継者、譲受人及び法定代理人に対して、売却、譲渡、移転するものとする。

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Agree that DAI NIPPON PRINTING CO., LTD., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

そして、私/私達は、この書面により譲渡された権利や財産に影響する、如何なる譲渡、授權、抵当権、ライセンス等その他の協定も他の第三者との間で行っていないこと；下記に署名した私/私達によって、この書面に記載されている権利が所有されていることを、当該譲受人、後継者、被譲渡者、及び法定代理人に対して誓約するものである。

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さらに、下記に署名した私/私達はこの譲渡書は英語の部分の表現によってのみ解釈されることに同意する。

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

上記を証明するため、私/私達は下記日付で署名する。

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名	Full name of sole or first inventor Shigeki CHUJO
発明者の署名 日付	Inventor's signature Date <i>Shigeki Chujo</i> 07/05/2007
第二共同発明者 (いる場合)	Full name of second joint inventor, if any Koichi NAKAYAMA
第二共同発明者の署名 日付	Second Inventor's signature Date <i>Koichi Nakayama</i> 07/05/2007
第三共同発明者 (いる場合)	Full name of third joint inventor, if any
第三共同発明者の署名 日付	Third Inventor's signature Date
第四共同発明者 (いる場合)	Full name of fourth joint inventor, if any
第四共同発明者の署名 日付	Fourth Inventor's signature Date
第五共同発明者 (いる場合)	Full name of fifth joint inventor, if any
第五共同発明者の署名 日付	Fifth Inventor's signature Date
第六共同発明者 (いる場合)	Full name of sixth joint inventor, if any
第六共同発明者の署名 日付	Sixth Inventor's signature Date
第七共同発明者 (いる場合)	Full name of seventh joint inventor, if any
第七共同発明者の署名 日付	Seventh Inventor's signature Date
第八共同発明者 (いる場合)	Full name of eighth joint inventor, if any
第八共同発明者の署名 日付	Eighth Inventor's signature Date