

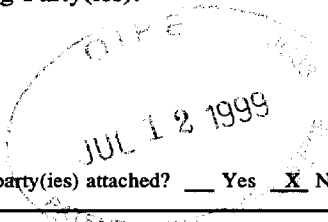
07-15-1999

MRO
7-12-99



To the Hon. 101091880 marks:
Please record the attached original documents or copy thereof

1. Name of Conveying Party(ies):
John Robert French
Additional name(s) of conveying party(ies) attached? Yes No



2. Name and address of receiving party(ies)
Name: J R French Limited
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agt. Change of Name
 Other _____
Execution Date: 16 April 1999

Street Address: Stanford House, 31 Westgate
City: Grantham, Lincolnshire State: United Kingdom
Zip: NG31 6LX
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 execution date is: _____
A. Patent Application No.(s) 09/029,355 B. Patent No(s). _____
Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Andrew R. Basile
Internal Address: Young & Basile, P.C.
Street Address: 3001 West Big Beaver Road
Suite 624
City: Troy State: Michigan Zip: 48084

6. Total no. of applications and patents involved 1
40E
7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 25-0115
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature. *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.*

Darlene P. Condra Darlene P Condra 7-7-99
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: 4

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07/11/1999
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ASSIGNMENT

THIS ASSIGNMENT is made the 16th day of April One thousand nine hundred and 1999

BETWEEN: -

- (1) John Robert French of 19 Epping Drive, Melton Mowbray Leicestershire, LE13 1UH United Kingdom (hereinafter called "the Assignor") of the one part; and
- (2) J R French Limited whose registered office is at Stanford House, 31 Westgate, Grantham, Lincolnshire, NG31 6LX (hereinafter called "the Assignee")

WHEREAS: -

- (A) The Assignor is tile beneficial owner of the Patent Applications set out in this appended schedule (hereinafter referred to as "the Applications").
- (B) The parties hereto have agreed that the Assignor's rights in the Applications should be transferred by the Assignor to tile Assignee for the consideration hereinafter set forth.

NOW IT IS HEREBY AGREED

1. In consideration of the sum of shares in J R French Limited to the value of *THIRTY THOUSAND POUNDS* (30,000) now paid by the Assignee ~ the Assignor (the receipt whereof is hereby acknowledged) the Assignor HEREBY ASSIGNS with full title guarantee absolutely and free from any licences, charges or other encumbrances: -
 - 1.1 all right, title and interest in and to the Applications (including any and all divisions, reissues, continuations and extensions thereof) to the intent that grant of any patents thereon shall be in tile name of and shall vest in the Assignee TOGETHER WITH all the rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of such rights or other rights within the scope of the claims of any published specifications accompanying the Applications prior to the date hercof; and
 - 1.2 the right to apply for, prosecute and obtain patent or similar protection throughout the world in respect of any invention claimed in the Applications including the right to obtain priority therefrom to the intent that the grant of any patents or similar protection shall be in the name of and vest in the Assignee.
2. The Assignor agrees that at the request and cost of the Assignee it will at all times hereafter do all such acts and execute all such documents (including the making of or

deposing to any declaration or oath) as may reasonably be necessary or desirable to secure the vesting in the Assignee of all rights assigned to the Assignee hereunder, to secure registration of this Assignment at the United Kingdom Patent Office and to assist in the resolution of any question concerning the Applications

3. It is hereby certified that the transaction hereby effected does not form part of a larger transaction or of a series of transactions in respect of which the amount or value or the aggregate amount or value, of the consideration exceeds sixty thousand pounds (£60,000).

4. The parties agree that this Assignment shall be governed by and construed in accordance with English law and hereby submit to the non-exclusive jurisdiction of the English Courts.

IT WITNESS of these matters this document has been executed by the parties on the date set out at the beginning of this Assignment.

Signed by John Robert French)

in the presence of:-)
(Name))

(Address))

Occupation))

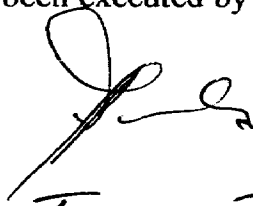
Signed by J. R. FRENCH)
duly authorised for and on behalf of)
J R French Ltd)

in the presence of)

(Name))

(Address))

(Occupation))



TIMOTHY JOHN POWELL

PARK VIEW HOUSE

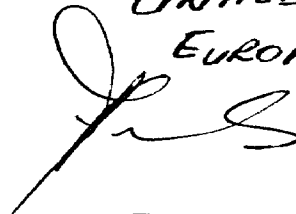
58 THE ROPEWALK

NOTTINGHAM

NG1 5DD

UNITED KINGDOM

EUROPEAN PATENT ATTORNEY.



TIMOTHY JOHN POWELL.

PARK VIEW HOUSE

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NOTTINGHAM

NG1 5DD

UNITED KINGDOM

EUROPEAN PATENT ATTORNEY.

SCHEDULE 1**Patent and patent applications referred to in Clause 1.1**

Application Number	Country	Title	Applicant
GB 9804827.5	UK	A detonator member and method of its use.	John Robert French
GB 9901997.8	UK	A cutting assembly and related apparatuses.	John Robert French
AU 68255/96	Australia	Apparatus for and method of detonating mines	John Robert French
EP 96928520.4	EP	Apparatus for and method of detonating mines	John Robert French
JP-9-509449	Japan	Apparatus for and method of detonating mines	John Robert French
USSN 029,355	USA	Apparatus for and method of detonating mines	John Robert French
PCT/GB99/00651	PCT	A detonator member and method of its use.	John Robert French
ZA 991719	South Africa	A detonator member and method of its use.	John Robert French

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