(1) பக்கங்களின் எண்ணிக்கை 22

(2) புதுக்கித் திருப்பிய நாள் 30

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

80

அரசாணை எண். 780
மு. கோப்புத் தாள் எண்.

3/780

அச்சகம்
பலவகை

நாள் : 9-3-1892 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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ஆவண. கா-1—18,000—15-6-87.

780/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From J. DANVERS, Esq., Secretary, Public Works Department, India Office, to the Secretary to the Government of Madras, Public Works Department, dated Whitehall, S.W., 8th October 1891, No. 1847 P.W.

I forward, herewith, copy of a letter and enclosures which has been addressed to this office by the Crown Agents for the Colonies asking for information relative to an invention said to have been patented by Mr. J. H. Stephens, of the Madras Public Works Department, for utilizing the force derived from the impact of surf on a coast.

If you can obtain any information on the subject, I shall be obliged by your furnishing me with it.

ENCLOSURES.

From M. F. OMMANEY, Esq., to the Under-Secretary of State, India Office, S.W., dated Downing Street, London, 30th September 1891, No. 1847 P.W.

I have the honour to enclose a copy of a letter with its enclosure which we have received from the Government of the Gold Coast relative to the utilization of force derived from the impact of the surf on a coast, and we shall be obliged for any information which will enable us to reply to it.

From F. M. HODGSON, Esq., Colonial Secretary, Gold Coast, to Crown Agents, dated 31st August 1891, No. 3563.

I should be glad if you would be good enough to ascertain in behalf of this Government whether the invention for the utilization of force derived from the impact of the surf on a coast, stated in the enclosed extract from the *Colonies and India* newspaper of the 1st instant (page 13) to have been patented by Mr. J. H. Stephens, of the Public Works Department at Madras, has been brought out in a shape which would render it likely to be of practical value here, where probably as powerful a surf as that at Madras obtains.

Extract from the *Colonies and India* newspaper of the 1st August 1891, page 13.

* * * * *

Mr. John Hewett Stephens, Assistant Engineer, Public Works Department, residing in Whannel's Road, Egmore, Madras, has patented an "invention for producing from the impact of the surf breakers and billows of the sea a force or power which can be applied at once to mechanical purposes for spinning, weaving, driving tram cars and a variety of other useful purposes for which forceor power is required."

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 4th March 1892, No. 4166.

I have the honour to forward the information called for in your memorandum No. 4787 C., dated the 29th October 1891. Mr. Stephens' letters are also forwarded, as in them he makes certain requests regarding the distribution of his paper; also that the original letters may be sent to him.

ENCLOSURE.

From J. H STEPHENS, Esq., Assistant Engineer in charge, East Sub-Division, to the Consulting Architect to Government, dated Madras, 1st March 1892, No. 578.

With reference to Chief Engineer's No. 478 C., dated 29th October 1891, I beg to submit 12 leaflets for transmission to the India Office, showing how my patent meets the natural difficulties of surf action and brings this power into practical use for mechanical and economic purposes.

2. I shall feel greatly obliged if this can be submitted with the support of the Government of Madras as to its practicability.

3. I would like if some of the leaflets can be distributed amongst the larger manufacturing houses in England which may be considered likely to take a practical interest in such a subject, and also amongst the Colonies. I can provide as many more leaflets as many be required.

From same officer, dated Chepâk, 3rd March 1892, No. 581.

With reference to your No 2910, dated 2nd November 1891, I beg to return the two original documents received with the above and solicit that they may be returned to me in original when no longer required, as it is a matter that refers to me in my private capacity.

ORDER—dated 9th March 1892, No. 780 W., Public Works.

Ordered to be transmitted to the India Office. Mr. Stephens' request that the paper may be distributed in England and the Colonies will be brought to the notice of the Right Honorable the Secretary of State for India.

(Here enter No. $\frac{3}{780}$ W., Public Works, dated 9th March 1892.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.

Exd. S. J. Pereira,
Spare Copies

780/2

GENERAL.
ESTABLISHMENT.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated March, 9th.

Recd. *Encl.*

G.O., 9th Mar. 1892, No. 780 W.

MARCH.

Surf Power

Ordered that copies of a paper drawn by Mr. J. H. Stephens, Assistant Engineer, Public Works Department of the Madras Government, describing his invention for utilizing — be forwarded to the Secretary of State for India.

780/3

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

In compliance with the request contained in the letter from the Secretary, Public Works Department, India Office, we have the honour to transmit 12 copies of a paper drawn up by Mr. J. H. Stephens, Assistant Engineer, Public Works Department of this Government, describing his invention for utilizing surf power. We would invite attention to Mr. Stephens' request that the paper may be distributed in England and the Colonies, but would add that, in the opinion of our professional advisers, the idea is absolutely devoid of any practical value.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) WENLOCK.
(„) H. E. STOKES.
(„) J. H. GARSTIN.

FORT ST. GEORGE,
9th March 1892.

Exd. S. J. Pereira.

280/4

GOVT. OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honorable the Secretary of State for India.

No. $\frac{3}{780\ W.}$, dated 9th Mar. 1892.

Forwarding, with remarks, copies of a paper drawn up by Mr. J. H. Stephens, Assistant Engineer, Public Works Department of the Madras Government, describing his invention for utilizing surf power.

It is requested that in any further communication on this subject the under-mentioned letter and number may be quoted, and the reply addressed to

The Under Secretary of State for India,
India Office,
Whitehall,
S.W.

P.W. 1847.

India Office,

Whitehall, S.W.

8th October 1891.

Dear Sir,

I forward herewith copy of a letter and enclosures which has been addressed to this Office by the Crown Agents for the Colonies asking for information relative to an invention said to have been patented by Mr. J.H. Stephens of the Madras Public Works Department for utilizing the force derived from the impact of surf on a coast.

If you can obtain any information on the subject I shall be obliged by your furnishing me with it.

Yours faithfully,

J. Lowell Dawes

Secretary,

Public Works Department.

The Secretary,
Public Works Department,
Government of Madras.

X 21407. 10 rms.—5/91. I. 1011.

P. W. CURRENT No. 1390

Recd with P's private

No. 4787 Cd/29 - October 1891

Referred to the Consulting Architect in view to the required information being obtained from Wm Stephens

Encl 1
Recd 28.10.91

Col. R.E.
Secty. to Govt
P.W.D.

29/10/91

To The Consg. Architect to be returned

Referred

P.W. 1847.
1891.

Crown Agents for the Colonies.
Downing Street, London,
30th September 1891.

78/5A

Sir,

No.3563-90
31st August 1891.

I have the honour to enclose a copy of a letter with its enclosure which we have received from the Government of the Gold Coast relative to the utilization of force derived from the impact of the surf on a Coast, and we shall be obliged for any information which will enable us to reply to it.

I have, &c.,

[sd] F. Ommaney.

The Under Secretary of State,
&c. &c. &c.,
India Office, S.W.

COLONIAL SECRETARY GOLD COAST TO CROWN AGENTS.

31st August 1891.

No.3563-91.

Gentlemen,

I should be glad if you would be good enough to ascertain in behalf of this Government whether the invention for the utilization of force derived from the impact of the surf on a Coast, stated in the enclosed extract from the Colonies and India newspaper of the 1st instant [page 13] to have been patented by Mr. J.H. Stevens of the Public Works Department at Madras, has been brought out in a shape which would render it likely to be of practical value here, where probably as powerful a surf as that at Madras obtains.

I have, &c.,

[sd] F.M. Hodgson.

EXTRACT FROM THE "COLONIES AND INDIA" NEWSPAPER OF THE
1st August 1891 [page 13].

* * * * * * *

Mr. John Hewett Stephens, Assistant Engineer, Public Works Department, residing in Whannel's Road, Egmore, Madras, has patented an "Invention for producing from the impact of the surf breakers and billows of the sea a force or power which can be applied at once to mechanical purposes, for spinning, weaving driving tram cars, and a variety of other useful purposes for which force or power is required."

No. 1.

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
4th March 1892.

No. 4166.

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department

78/6

Sir,

16 Enclosures.

I have the honor to forward the information called for in your Memo No. 4798 C dated the 29th October 1891. Mr. Stephens' letters are also forwarded as in them he makes certain requests regarding the distribution of his paper, also that the original letters may be sent to him.

I have the honor to be
Sir
Your most Obedient Servant

Henry Irwin
Consulting Architect
to Government

A
82

P. W. CURRENT No. 1401

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer P. W. D.

No. 4166

Dated 4th } March 1892.
Received }

No. OF ENCLOSURES. 16

Subject.

Submitting information regarding Mr. J. H. Stephens invention for obtaining from the surf breakers a power which can be used for Mechanical & economic purposes.

204

No. 41.

No. 578

CONSULTING ARCHITECT DIVISION,

East Sub-Division Office,

Madras, Chepauk, 1st March 1892.

From

J. H. STEPHENS, Esq.,

ASSISTANT ENGINEER IN CHARGE,

EAST SUB-DIVISION,

To

THE Consulting Architect to Government Madras. 78/6

SIR,

Enclosures. 1 copy of the original letter herewith returned.

12. Leaflets.

With reference to ~~your~~ No. 4787 dated 29th October 1891.

I beg to submit 12 leaflets for transmission to the India office, showing how my patent meets the natural difficulties of Surf action, and brings this power into practical use for mechanical and economic purposes.

2. I shall feel greatly obliged if this can be submitted with

with the support of the Govern-
-ment of Madras as to its prac-
-ticability.

3. I would like if some
of the leaflets can be distributed
amongst the larger manufacturing
houses in England, which may be
considered likely to take a
practical interest in such a subject,
and also amongst the Colonies. I
can provide as many more leaflets
as may be required.

I have the honor to be
Sir
Your most Obedient Servt

J. H. Stephens

O P 5

No. 41.

CONSULTING ARCHITECT DIVISION,
East Sub-Division Office,
Chepâk, 3—3— 1892

No. 581

From

J. H. STEPHENS, Esq,
ASSISTANT ENGINEER IN CHARGE,
EAST SUB-DIVISION,

To

THE Consulting Architect to
Government
Madras

Sir,

Enclosures 2
Letters Two

With reference to your No. 2910, dated 2nd November 1891.

I beg to return the two original documents received with the above and solicit that they may be returned to me in original when no longer required as it is a matter that refers to me in my private capacity

I have the honor to be
Sir
Your most Obdt Servt

J. H. Stephens

X/

№ 780 W

6

PUBLIC WORKS DEPARTMENT,

~~IRRIGATION BRANCH.~~

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the March 9. 1892.

READ the following

Letter from the Secretary P.W.D, India Office. (H.E. № 1847 a/ 8.x.91)

Letter from the Consg: Architect to Govt (n.n. 4166 a/4. iii. 92)

1st 28/10

Ordered to be transmitted to the India Office. Mr. Stephens' request that the paper may be distributed in England and the Colonies will be brought to the notice of the Right Honble the Secretary of State for India.

(H.E. № 3/780 W dt/ March 9. 1892)

To,

The Right Honble
the Secy of State for India,

My Lord,

In compliance with the request contained in the letter from the Secretary, P. W. Dept.—

1st appr.

9

Consg: Architect to Govt.

11/3/92

India Office, we have the honor to transmit (2 copies of a paper drawn up by Mr. J. H. Stephens, Assistant Engineer P. W. Dept. of this Govt. describing his invention for utilising surf power. We would invite attention to Mr. Stephen's request that the paper may be distributed in England and the Colonies, but would add that in the opinion of our professional advisers the idea is absolutely devoid of any practical value.

I have &c

Hm. 7-3-92 R. 9/3

7

28/11

C Bs 2404

Govt. of 1892 Madras.

PUBLIC WORKS.

Rec'd 13/5/92

Date

Rec'd

Encl.

G.O. 9th March 1892 No. 700 to 3

Surf Power 1804

Ordered that Copies of a paper drawn by Mr J.H. Stephens, Assistant Engineer P.W.D. of the Madras Govt describing his inventin for utilizing ——, be forwarded to the Secretary of State for I.

Letter

Forwarding, with remarks, Copies of a paper drawn up by Mr J.H. Stephens Assistant Engineer P.W.D of the Madras Govt describing

(11)

his inventin for utilizing Surf powe